

DATA PACKAGE
SEMI-VOLATILE ORGANICS

PROJECT NAME : FORMER SCHLUMBERGER SITE PRINCETON NJ

JACOBS ENGINEERING GROUP, INC.

412 Mt. Kemble Ave

Downtown Building

Morristown, NJ - 07960

Phone No: 9732670555

ORDER ID : P3645

ATTENTION : Mary I. Murphy



Laboratory Certification ID # 20012



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Cover Page

Order ID : P3645

Project ID : Former Schlumberger Site Princeton NJ

Client : JACOBS Engineering Group, Inc.

Lab Sample Number

P3645-01
P3645-02
P3645-03

Client Sample Number

914-J-WS-081524
916-J-WS-081524
TB-02-081524

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 10/15/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



CASE NARRATIVE

JACOBS Engineering Group, Inc.

Project Name: Former Schlumberger Site Princeton NJ

Project # N/A

Chemtech Project # P3645

Test Name: SVOCMS Group6

A. Number of Samples and Date of Receipt:

3 Water samples were received on 08/15/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Hexavalent Chromium, Mercury, Metals Group4, SVOCMS Group3, SVOCMS Group6 and VOCMS Group6. This data package contains results for SVOCMS Group6.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group6 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The % RSD is greater than 15% in the Initial Calibration (Method 8270-BM081024.M) for Benzaldehyde, this compound is passing on Quadratic regression.

The % RSD is greater than 15% in the Initial Calibration (8270-BP081324.M) for 2,4-Dinitrotoluene, this compound is passing on Linear Regression.

The Continuous Calibration File ID BM047273.D met the requirements except for Pyridine is failing marginally low therefore no corrective action taken.



The Continuous Calibration File ID BP021592.D met the requirements except for 2,4-Dinitrotoluene, Pentachlorophenol and 2,4,6-Tribromophenol but associated QC within limits therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:

This data package has been revised due to parameter list changed.

The Form 6 is not included in the data package because the Initial Calibration was performed using 8 points.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____



DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: P3645

MATRIX: Water

METHOD: 8270E/3510

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2. GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3. GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4. GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5. GC/MS Calibration Requirements.		✓	
The % RSD is greater than 15% in the Initial Calibration (Method 8270-BM081024.M) for Benzaldehyde, this compound is passing on Quadratic regression.			
The % RSD is greater than 15% in the Initial Calibration (8270-BP081324.M) for 2,4-Dinitrotoluene, this compound is passing on Linear Regression.			
The Continuous Calibration File ID BM047273.D met the requirements except for Pyridine is failing marginally low therefore no corrective action taken.			
The Continuous Calibration File ID BP021592.D met the requirements except for 2,4-Dinitrotoluene, Pentachlorophenol and 2,4,6-Tribromophenol but associated QC within limits therefore no corrective action taken.			
6. Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7. Surrogate Recoveries Meet Criteria			✓
If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

(CONTINUED)

	NA	NO	YES
8. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓
If not met, list those compounds and their recoveries which fall outside the acceptable range.			
The Blank Spike met requirements for all samples .			
The Blank Spike Duplicate met requirements for all samples .			
9. Internal Standard Area/Retention Time Shift Meet Criteria			✓
Comments:			
10. Extraction Holding Time Met			✓
If not met, list number of days exceeded for each sample:			
11. Analysis Holding Time Met			✓
If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

This data package has been revised due to parameter list changed.

The Form 6 is not included in the data package because the Initial Calibration was performed using 8 points.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

QA REVIEW

Date

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P3645

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page) ✓

Check chain-of-custody for proper relinquish/return of samples ✓

Is the chain of custody signed and complete ✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts ✓

Collect information for each project id from server. Were all requirements followed ✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page ✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody ✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results ✓

Do requested analyses on Chain of Custody agree with the log-in page ✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody ✓

Were the samples received within hold time ✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle ✓

ANALYTICAL:

Was method requirement followed? ✓

Was client requirement followed? ✓

Does the case narrative summarize all QC failure? ✓

All runlogs and manual integration are reviewed for requirements ✓

All manual calculations and /or hand notations verified ✓

QA Review Signature: SOHIL JODHANI

Date: 10/15/2024

LAB CHRONICLE

OrderID: P3645	OrderDate: 8/15/2024 9:40:00 PM
Client: JACOBS Engineering Group, Inc.	Project: Former Schlumberger Site Princeton NJ
Contact: Mary I. Murphy	Location: G21,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P3645-01	914-J-WS-081524	Water			08/15/24			08/15/24
			SVOCMS Group3	8270-Modified				
			SVOCMS Group6	8270E		08/16/24	08/20/24	
P3645-02	916-J-WS-081524	Water			08/15/24			08/15/24
			SVOCMS Group3	8270-Modified				
			SVOCMS Group6	8270E		08/16/24	08/20/24	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: P3645
Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :			0.00		
			Total Concentration:			0.00		

- 1
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QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: P3645

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
P3645-01	914-J-WS-081524	2-Fluorophenol	150	80.6	54		15 (10)	110 (139)
		Phenol-d6	150	49.9	33		15 (10)	110 (134)
		Nitrobenzene-d5	100	80.5	81		30 (49)	130 (133)
		2-Fluorobiphenyl	100	87.1	87		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	129	86		15 (44)	110 (137)
P3645-02	916-J-WS-081524	Terphenyl-d14	100	88.3	88		30 (48)	130 (125)
		2-Fluorophenol	150	72.6	48		15 (10)	110 (139)
		Phenol-d6	150	45.2	30		15 (10)	110 (134)
		Nitrobenzene-d5	100	76.9	77		30 (49)	130 (133)
		2-Fluorobiphenyl	100	81.6	82		30 (52)	130 (132)
PB162788BL	PB162788BL	2,4,6-Tribromophenol	150	133	88		15 (44)	110 (137)
		Terphenyl-d14	100	93.5	94		30 (48)	130 (125)
		2-Fluorophenol	150	128	86		15 (10)	110 (139)
		Phenol-d6	150	115	77		15 (10)	110 (134)
		Nitrobenzene-d5	100	90.2	90		30 (49)	130 (133)
PB162788BS	PB162788BS	2-Fluorobiphenyl	100	79.7	80		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	153	102		15 (44)	110 (137)
		Terphenyl-d14	100	80.5	81		30 (48)	130 (125)
		2-Fluorophenol	150	130	87		15 (10)	110 (139)
		Phenol-d6	150	120	80		15 (10)	110 (134)
PB162788BSD	PB162788BSD	Nitrobenzene-d5	100	91.6	92		30 (49)	130 (133)
		2-Fluorobiphenyl	100	78.8	79		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	146	97		15 (44)	110 (137)
		Terphenyl-d14	100	80.7	81		30 (48)	130 (125)
		2-Fluorophenol	150	129	86		15 (10)	110 (139)
		Phenol-d6	150	119	80		15 (10)	110 (134)
		Nitrobenzene-d5	100	89.9	90		30 (49)	130 (133)
		2-Fluorobiphenyl	100	77.8	78		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	149	100		15 (44)	110 (137)
		Terphenyl-d14	100	79.9	80		30 (48)	130 (125)

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P3645

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270E DataFile: BP021594.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD		Limits		RPD
						RPD	Qual	Low	High	
PB162788BS	Pyridine	50	27.8	ug/L	56			20 (29)	160 (97)	
	Benzaldehyde	50	18.3	ug/L	37			20 (10)	160 (162)	
	2-Methylphenol	50	44.3	ug/L	89			70 (69)	130 (109)	
	3+4-Methylphenols	50	45.3	ug/L	91			20 (67)	160 (106)	
	Hexachloroethane	50	42.6	ug/L	85			20 (76)	160 (118)	
	Nitrobenzene	50	43.9	ug/L	88			70 (58)	130 (106)	
	Naphthalene	50	42.9	ug/L	86			70 (64)	130 (107)	
	Hexachlorobutadiene	50	40.2	ug/L	80			70 (69)	130 (101)	
	2-Methylnaphthalene	50	42.1	ug/L	84			70 (64)	130 (107)	
	2,4,6-Trichlorophenol	50	54.5	ug/L	109			70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	52.7	ug/L	105			70 (70)	130 (106)	
	Acenaphthylene	50	47.7	ug/L	95			70 (79)	130 (103)	
	Acenaphthene	50	49.8	ug/L	100			70 (59)	130 (113)	
	Dibenzofuran	50	43.9	ug/L	88			70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	54.6	ug/L	109			70 (60)	130 (115)	
	Fluorene	50	42.0	ug/L	84			70 (64)	130 (107)	
	Hexachlorobenzene	50	42.0	ug/L	84			70 (73)	130 (106)	
	Pentachlorophenol	100	100	ug/L	100			20 (47)	160 (114)	
	Phenanthrene	50	45.0	ug/L	90			70 (62)	130 (109)	
	Anthracene	50	46.6	ug/L	93			70 (65)	130 (110)	
	Carbazole	50	46.0	ug/L	92			70 (62)	130 (106)	
	Di-n-butylphthalate	50	45.1	ug/L	90			70 (64)	130 (106)	
	Fluoranthene	50	44.7	ug/L	89			70 (64)	130 (110)	
	Pyrene	50	44.9	ug/L	90			70 (71)	130 (103)	
	Benzo(a)anthracene	50	46.2	ug/L	92			70 (62)	130 (107)	
	Chrysene	50	46.4	ug/L	93			70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	47.5	ug/L	95			70 (59)	130 (110)	
	Benzo(b)fluoranthene	50	48.6	ug/L	97			70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	47.8	ug/L	96			70 (77)	130 (105)	
	Benzo(a)pyrene	50	51.8	ug/L	104			70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	52.1	ug/L	104			70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	51.1	ug/L	102			70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	49.5	ug/L	99			70 (75)	130 (118)	
	1,4-Dioxane	50	28.8	ug/L	58			20 (38)	160 (125)	
	1-Methylnaphthalene	50	39.8	ug/L	80			70 (51)	130 (114)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P3645

Client: JACOBS Engineering Group, Inc.

Analytical Method: 8270E DataFile: BP021595.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB162788BSD	Pyridine	50	27.2	ug/L	54	2			20 (29)	160 (97)	20 (20)
	Benzaldehyde	50	18.1	ug/L	36	1			20 (10)	160 (162)	20 (20)
	2-Methylphenol	50	44.9	ug/L	90	1			70 (69)	130 (109)	20 (20)
	3+4-Methylphenols	50	45.8	ug/L	92	1			20 (67)	160 (106)	20 (20)
	Hexachloroethane	50	42.4	ug/L	85	0			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	42.8	ug/L	86	3			70 (58)	130 (106)	20 (20)
	Naphthalene	50	42.5	ug/L	85	1			70 (64)	130 (107)	20 (20)
	Hexachlorobutadiene	50	39.9	ug/L	80	1			70 (69)	130 (101)	20 (20)
	2-Methylnaphthalene	50	42.5	ug/L	85	1			70 (64)	130 (107)	20 (20)
	2,4,6-Trichlorophenol	50	54.9	ug/L	110	1			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	53.4	ug/L	107	1			70 (70)	130 (106)	20 (20)
	Acenaphthylene	50	47.7	ug/L	95	0			70 (79)	130 (103)	20 (20)
	Acenaphthene	50	50.1	ug/L	100	1			70 (59)	130 (113)	20 (20)
	Dibenzofuran	50	44.7	ug/L	89	2			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	56.1	ug/L	112	3			70 (60)	130 (115)	20 (20)
	Fluorene	50	42.9	ug/L	86	2			70 (64)	130 (107)	20 (20)
	Hexachlorobenzene	50	41.8	ug/L	84	0			70 (73)	130 (106)	20 (20)
	Pentachlorophenol	100	100	ug/L	100	0			20 (47)	160 (114)	20 (20)
	Phenanthrene	50	44.8	ug/L	90	0			70 (62)	130 (109)	20 (20)
	Anthracene	50	45.3	ug/L	91	3			70 (65)	130 (110)	20 (20)
	Carbazole	50	46.5	ug/L	93	1			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	45.2	ug/L	90	0			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	44.7	ug/L	89	0			70 (64)	130 (110)	20 (20)
	Pyrene	50	43.8	ug/L	88	2			70 (71)	130 (103)	20 (20)
	Benzo(a)anthracene	50	46.1	ug/L	92	0			70 (62)	130 (107)	20 (20)
	Chrysene	50	46.0	ug/L	92	1			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	48.5	ug/L	97	2			70 (59)	130 (110)	20 (20)
	Benzo(b)fluoranthene	50	48.0	ug/L	96	1			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	48.2	ug/L	96	1			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	52.3	ug/L	105	1			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	52.6	ug/L	105	1			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	51.9	ug/L	104	2			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	50.1	ug/L	100	1			70 (75)	130 (118)	20 (20)
	1,4-Dioxane	50	28.3	ug/L	57	2			20 (38)	160 (125)	20 (20)
	1-Methylnaphthalene	50	40.5	ug/L	81	2			70 (51)	130 (114)	20 (20)

() = LABORATORY INHOUSE LIMIT

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162788BL

Lab Name: CHEMTECH Contract: JAC005
 Lab Code: CHEM Case No.: P3645 SAS No.: P3645 SDG NO.: P3645
 Lab File ID: BP021593.D Lab Sample ID: PB162788BL
 Instrument ID: BNA_P Date Extracted: 08/16/2024
 Matrix: (soil/water) Water Date Analyzed: 08/21/2024
 Level: (low/med) LOW Time Analyzed: 10:52

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162788BS	PB162788BS	BP021594.D	08/21/2024
PB162788BSD	PB162788BSD	BP021595.D	08/21/2024
914-J-WS-081524	P3645-01	BM047280.D	08/20/2024
916-J-WS-081524	P3645-02	BM047281.D	08/20/2024

COMMENTS: _____



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: JAC005Lab Code: CHEMSAS No.: P3645 SDG NO.: P3645Lab File ID: BM047139.DDFTPP Injection Date: 08/10/2024Instrument ID: BNA_MDFTPP Injection Time: 12:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35.7
68	Less than 2.0% of mass 69	0.6 (1.3) 1
69	Mass 69 relative abundance	44.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49.9
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	25.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	58.1
443	15.0 - 24.0% of mass 442	11.4 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BM047140.D	08/10/2024	13:12
SSTDICC005	SSTDICC005	BM047141.D	08/10/2024	13:52
SSTDICC010	SSTDICC010	BM047142.D	08/10/2024	14:31
SSTDICC020	SSTDICC020	BM047143.D	08/10/2024	15:11
SSTDICCC040	SSTDICCC040	BM047144.D	08/10/2024	15:51
SSTDICC050	SSTDICC050	BM047145.D	08/10/2024	16:31
SSTDICC060	SSTDICC060	BM047146.D	08/10/2024	17:11
SSTDICC080	SSTDICC080	BM047147.D	08/10/2024	17:51



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: JAC005Lab Code: CHEMSAS No.: P3645 SDG NO.: P3645Lab File ID: BM047272.DDFTPP Injection Date: 08/20/2024Instrument ID: BNA_MDFTPP Injection Time: 15:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.7
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	35.2
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	58.4
443	15.0 - 24.0% of mass 442	11.6 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM047273.D	08/20/2024	16:55
914-J-WS-081524	P3645-01	BM047280.D	08/20/2024	21:34
916-J-WS-081524	P3645-02	BM047281.D	08/20/2024	22:14



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: JAC005
Lab Code: CHEM SAS No.: P3645 SDG NO.: P3645
Lab File ID: BP021480.D DFTPP Injection Date: 08/13/2024
Instrument ID: BNA_P DFTPP Injection Time: 11:49

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.1
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	40.6
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	43.9
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	28.5
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	97.2
443	15.0 - 24.0% of mass 442	18.7 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP021481.D	08/13/2024	12:32
SSTDICC005	SSTDICC005	BP021482.D	08/13/2024	13:15
SSTDICC010	SSTDICC010	BP021483.D	08/13/2024	13:59
SSTDICC020	SSTDICC020	BP021484.D	08/13/2024	14:42
SSTDICCC040	SSTDICCC040	BP021485.D	08/13/2024	15:26
SSTDICC050	SSTDICC050	BP021486.D	08/13/2024	16:09
SSTDICC060	SSTDICC060	BP021487.D	08/13/2024	16:53
SSTDICC080	SSTDICC080	BP021488.D	08/13/2024	17:36



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: JACO05
Lab Code: CHEM SAS No.: P3645 SDG NO.: P3645
Lab File ID: BP021591.D DFTPP Injection Date: 08/21/2024
Instrument ID: BNA_P DFTPP Injection Time: 09:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.9
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	43.3
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	29.2
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	94.9
443	15.0 - 24.0% of mass 442	18.7 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP021592.D	08/21/2024	10:10
PB162788BL	PB162788BL	BP021593.D	08/21/2024	10:52
PB162788BS	PB162788BS	BP021594.D	08/21/2024	12:19
PB162788BSD	PB162788BSD	BP021595.D	08/21/2024	13:08



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: P3645 SAS No.: P3645 SDG NO.: P3645

EPA Sample No.: SSTDCCC040 Date Analyzed: 08/20/2024

Lab File ID: BM047273.D Time Analyzed: 16:55

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	329969	7.357	1193760	10.12	731367	14.02
UPPER LIMIT	659938	7.857	2387520	10.616	1462730	14.522
LOWER LIMIT	164985	6.857	596880	9.616	365684	13.522
EPA SAMPLE NO.						
01 916-J-WS-081524	312772	7.36	1142660	10.11	745797	14.02
02 914-J-WS-081524	298308	7.36	1085870	10.11	684460	14.02

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: P3645 SAS No.: P3645 SDG NO.: P3645
 EPA Sample No.: SSTDCCC040 Date Analyzed: 08/20/2024
 Lab File ID: BM047273.D Time Analyzed: 16:55
 Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1421240	16.786	1062420	21.027	1267880	23.721
UPPER LIMIT	2842480	17.286	2124840	21.527	2535760	24.221
LOWER LIMIT	710620	16.286	531210	20.527	633940	23.221
EPA SAMPLE NO.						
01 916-J-WS-081524	1530970	16.78	1309540	21.02	1291410	23.72
02 914-J-WS-081524	1321030	16.78	1060410	21.02	1115040	23.72

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: P3645 SAS No.: P3645 SDG NO.: P3645
 EPA Sample No.: SSTDCCC040 Date Analyzed: 08/21/2024
 Lab File ID: BP021592.D Time Analyzed: 10:10
 Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	299938	7.804	1244550	10.59	863135	14.45
UPPER LIMIT	599876	8.304	2489100	11.093	1726270	14.951
LOWER LIMIT	149969	7.304	622275	10.093	431568	13.951
EPA SAMPLE NO.						
01 PB162788BL	378034	7.81	1462910	10.59	910755	14.45
02 PB162788BS	422633	7.81	1649510	10.59	1043040	14.46
03 PB162788BSD	384224	7.79	1531740	10.58	1006860	14.45

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: P3645 SAS No.: P3645 SDG NO.: P3645
 EPA Sample No.: SSTDCCC040 Date Analyzed: 08/21/2024
 Lab File ID: BP021592.D Time Analyzed: 10:10
 Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1998550	17.263	2127500	21.733	2528930	25.174
UPPER LIMIT	3997100	17.763	4255000	22.233	5057860	25.674
LOWER LIMIT	999275	16.763	1063750	21.233	1264470	24.674
EPA SAMPLE NO.						
01 PB162788BL	2055960	17.26	2128570	21.72	2476210	25.17
02 PB162788BS	2218670	17.26	2116510	21.73	2397430	25.17
03 PB162788BSD	2217860	17.28	2163190	21.75	2473130	25.19

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



SAMPLE DATA

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/15/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/15/24
Client Sample ID:	914-J-WS-081524	SDG No.:	P3645
Lab Sample ID:	P3645-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group6
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047280.D	1	08/16/24 10:33	08/20/24 21:34	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.60	U	1.60	5.20	ug/L
100-52-7	Benzaldehyde	4.10	U	4.10	10.3	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.20	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.3	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.20	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.20	ug/L
91-20-3	Naphthalene	1.10	U	1.10	5.20	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.20	ug/L
91-57-6	2-Methylnaphthalene	1.20	U	1.20	5.20	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.20	ug/L
208-96-8	Acenaphthylene	1.10	U	1.10	5.20	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	5.20	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.20	ug/L
86-73-7	Fluorene	0.99	U	0.99	5.20	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.20	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	5.20	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.20	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.20	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.20	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.20	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.20	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	5.20	ug/L
218-01-9	Chrysene	0.89	U	0.89	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.20	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.20	ug/L
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.20	ug/L

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/15/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/15/24
Client Sample ID:	914-J-WS-081524	SDG No.:	P3645
Lab Sample ID:	P3645-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group6
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047280.D	1	08/16/24 10:33	08/20/24 21:34	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.10	U	1.10	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.20	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.20	ug/L
90-12-0	1-Methylnaphthalene	0.89	U	0.89	5.20	ug/L

SURROGATES

367-12-4	2-Fluorophenol	80.6		15 (10) - 110 (139)	54%	SPK: 150
13127-88-3	Phenol-d6	49.9		15 (10) - 110 (134)	33%	SPK: 150
4165-60-0	Nitrobenzene-d5	80.5		30 (49) - 130 (133)	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.1		30 (52) - 130 (132)	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	129		15 (44) - 110 (137)	86%	SPK: 150
1718-51-0	Terphenyl-d14	88.3		30 (48) - 130 (125)	88%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	298000	7.357
1146-65-2	Naphthalene-d8	1090000	10.11
15067-26-2	Acenaphthene-d10	684000	14.016
1517-22-2	Phenanthrene-d10	1320000	16.78
1719-03-5	Chrysene-d12	1060000	21.021
1520-96-3	Perylene-d12	1120000	23.715

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047280.D
 Acq On : 20 Aug 2024 21:34
 Operator : RC/JU
 Sample : P3645-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 914-J-WS-081524

Quant Time: Aug 21 02:50:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.357	152	298308	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	1085870	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	684460	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1321034	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1060406	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1115038	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1346112	80.631	ng	0.00
7) Phenol-d6	6.569	99	1148482	49.926	ng	-0.02
23) Nitrobenzene-d5	8.504	82	1736153	80.508	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	1026596	129.352	ng	-0.01
45) 2-Fluorobiphenyl	12.627	172	3866887	87.146	ng	-0.02
79) Terphenyl-d14	19.450	244	4372101	88.347	ng	-0.01

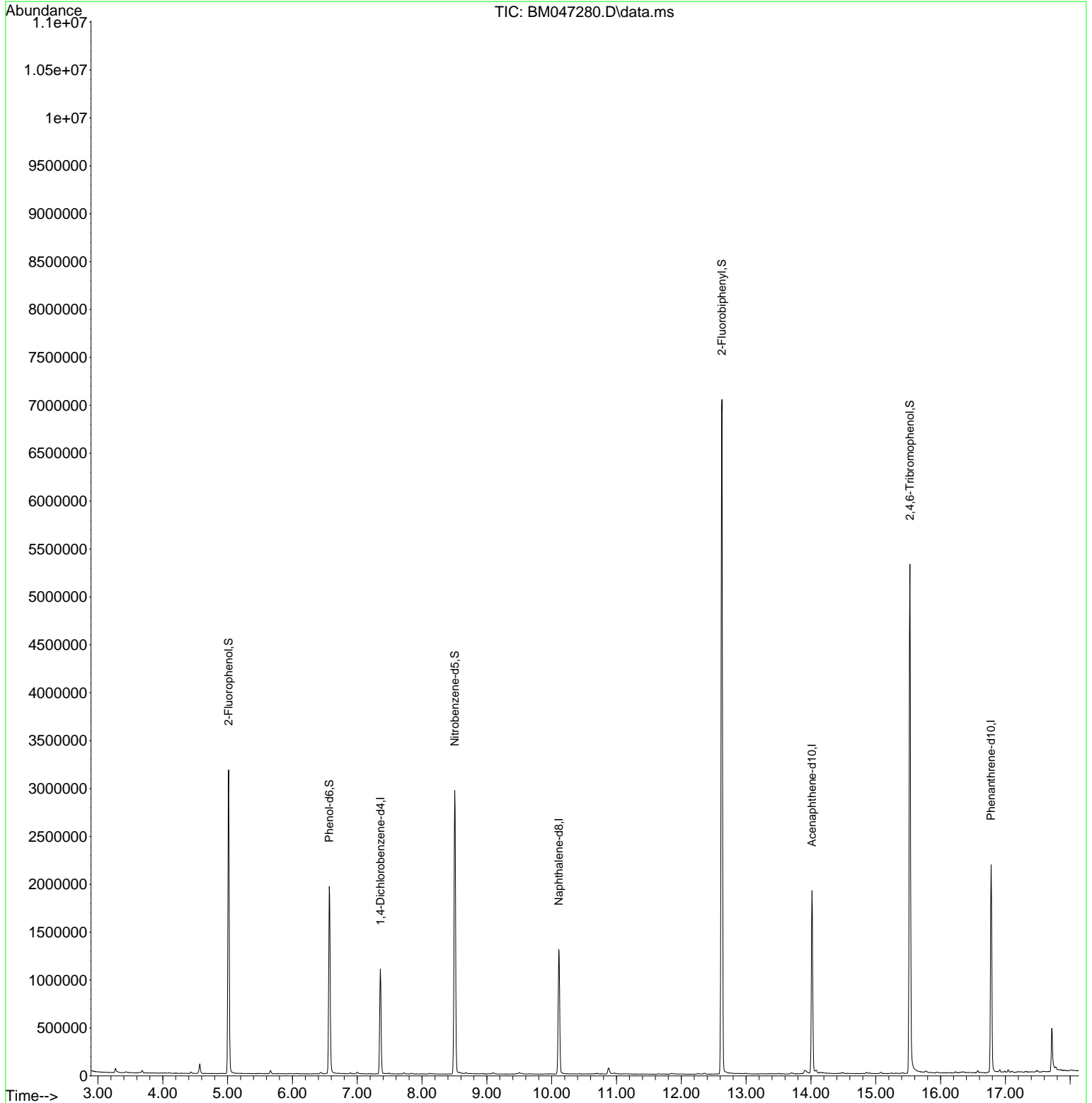
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
Data File : BM047280.D
Acq On : 20 Aug 2024 21:34
Operator : RC/JU
Sample : P3645-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
914-J-WS-081524

Quant Time: Aug 21 02:50:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

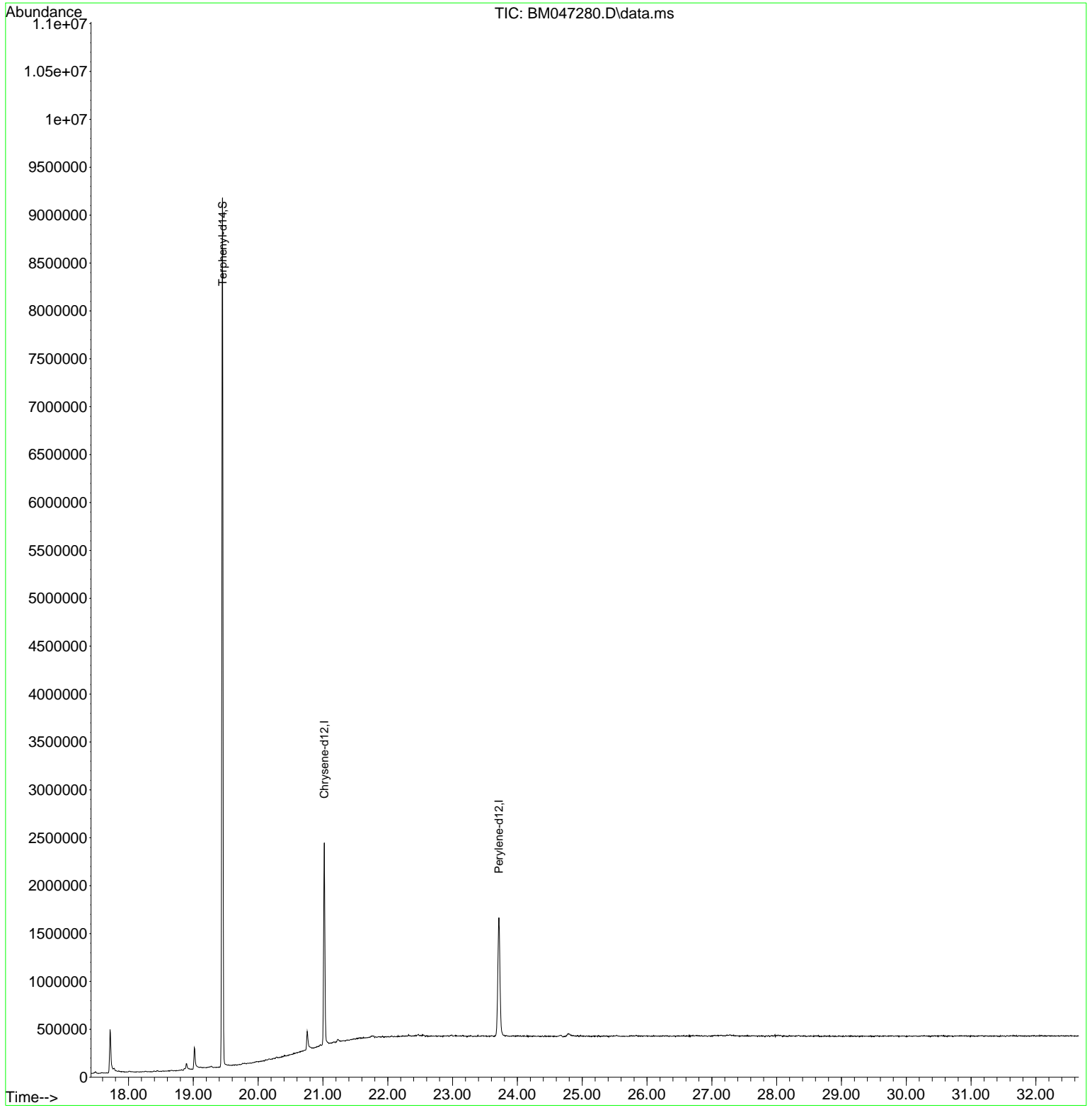


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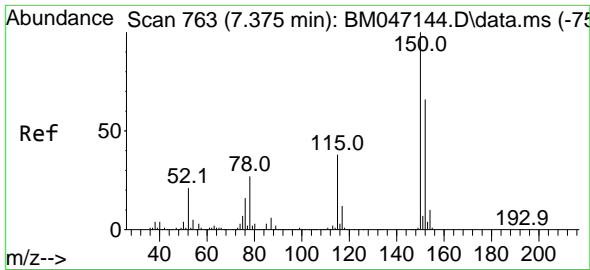
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
Data File : BM047280.D
Acq On : 20 Aug 2024 21:34
Operator : RC/JU
Sample : P3645-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
914-J-WS-081524

Quant Time: Aug 21 02:50:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

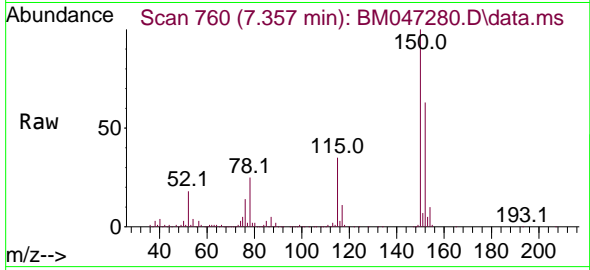


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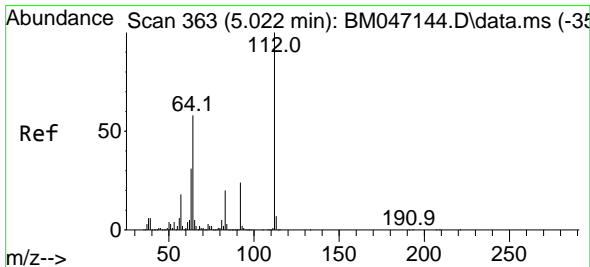
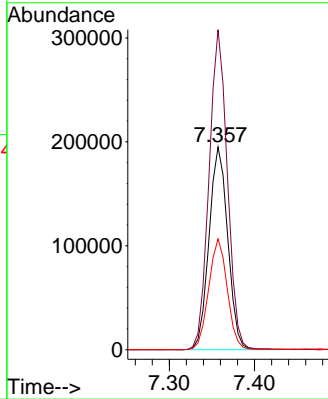
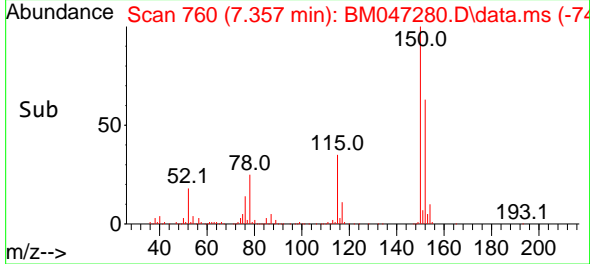


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.357 min Scan# 70
 Delta R.T. -0.018 min
 Lab File: BM047280.D
 Acq: 20 Aug 2024 21:34

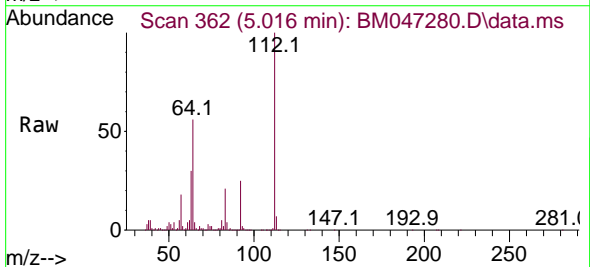
Instrument :
 BNA_M
 ClientSampleId :
 914-J-WS-081524



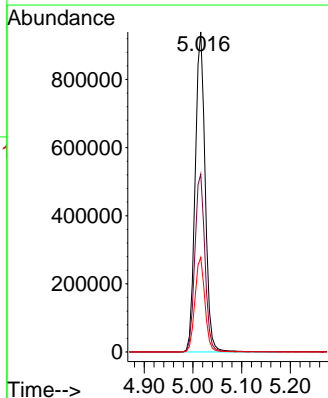
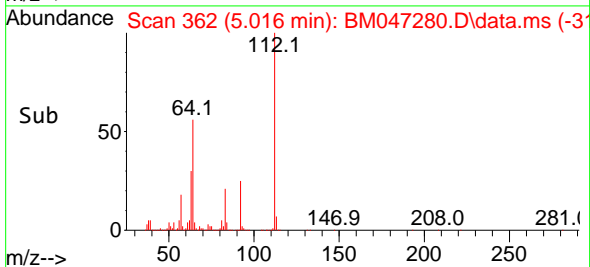
Tgt Ion:152 Resp: 298308
 Ion Ratio Lower Upper
 152 100
 150 157.9 120.5 180.7
 115 54.6 45.5 68.3

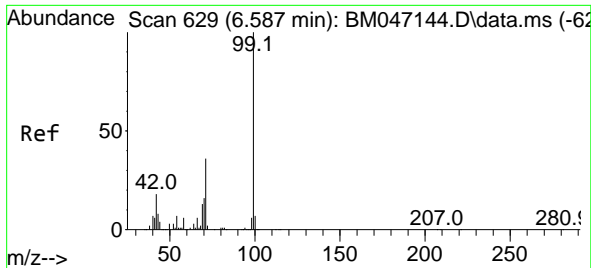


#5
 2-Fluorophenol
 Concen: 80.631 ng
 RT: 5.016 min Scan# 362
 Delta R.T. -0.006 min
 Lab File: BM047280.D
 Acq: 20 Aug 2024 21:34



Tgt Ion:112 Resp: 1346112
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.7 70.1
 63 29.5 24.8 37.2



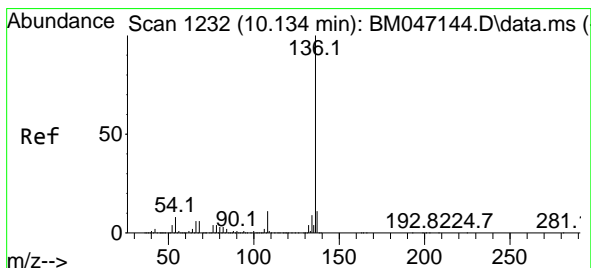
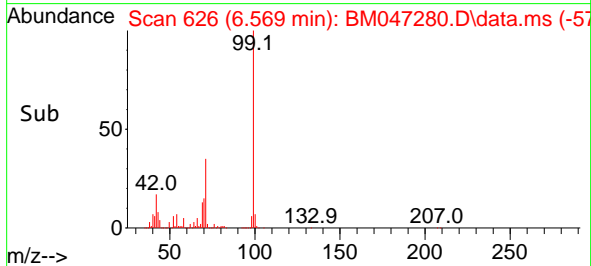
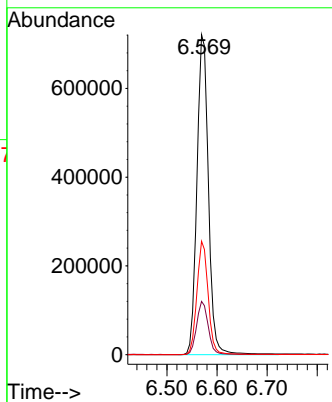
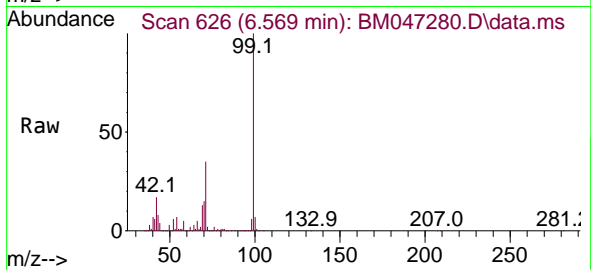


#7
 Phenol-d6
 Concen: 49.926 ng
 RT: 6.569 min Scan# 61
 Delta R.T. -0.018 min
 Lab File: BM047280.D
 Acq: 20 Aug 2024 21:34

Instrument :
 BNA_M
 ClientSampleId :
 914-J-WS-081524

Tgt Ion: 99 Resp: 1148482

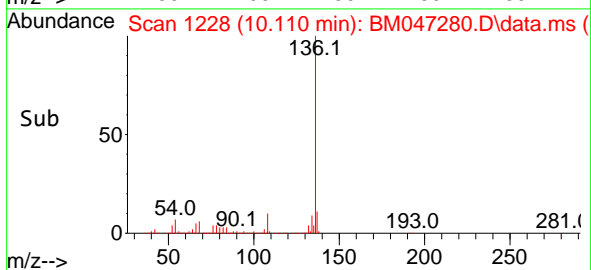
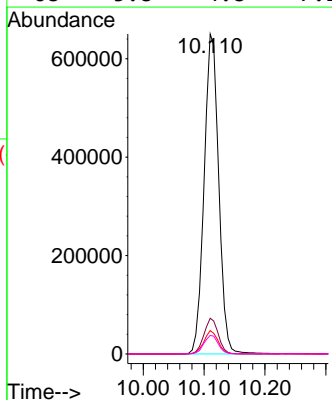
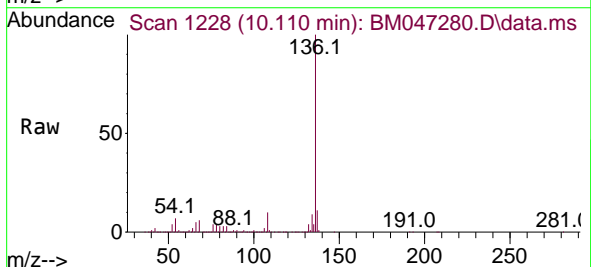
Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.1	21.1
71	35.4	28.5	42.7

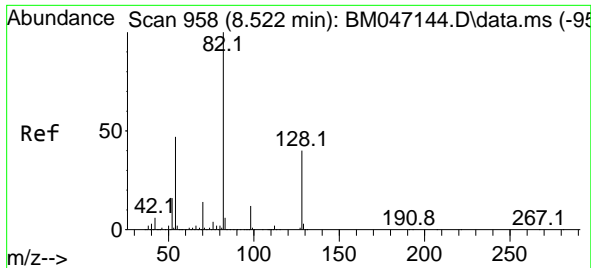


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.110 min Scan# 1228
 Delta R.T. -0.024 min
 Lab File: BM047280.D
 Acq: 20 Aug 2024 21:34

Tgt Ion: 136 Resp: 1085870

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.3	6.0	9.0
68	5.8	4.8	7.2



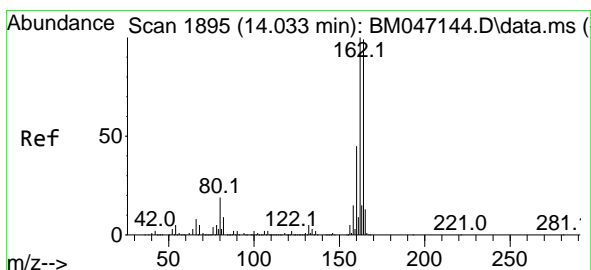
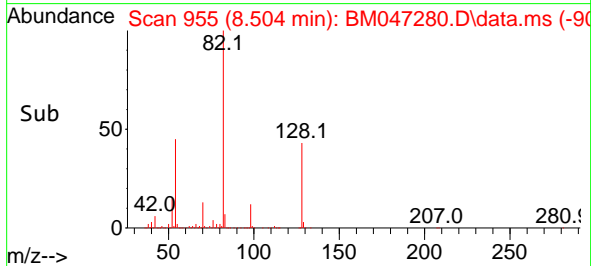
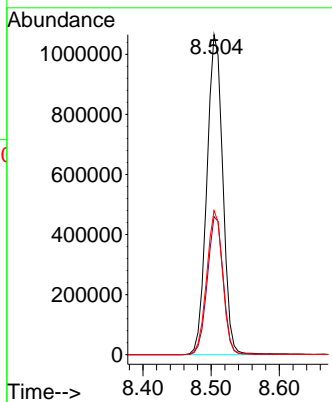
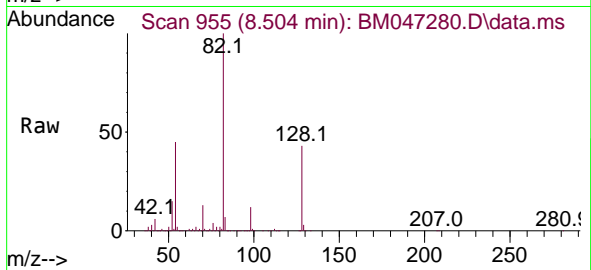


#23
 Nitrobenzene-d5
 Concen: 80.508 ng
 RT: 8.504 min Scan# 91
 Delta R.T. -0.018 min
 Lab File: BM047280.D
 Acq: 20 Aug 2024 21:34

Instrument :
 BNA_M
 ClientSampleId :
 914-J-WS-081524

Tgt Ion: 82 Resp: 1736153

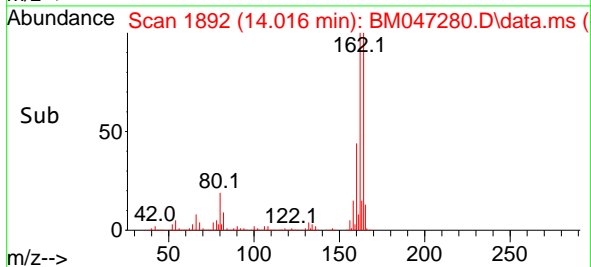
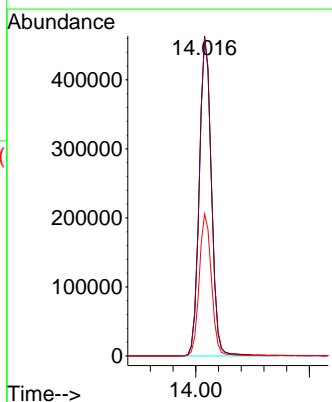
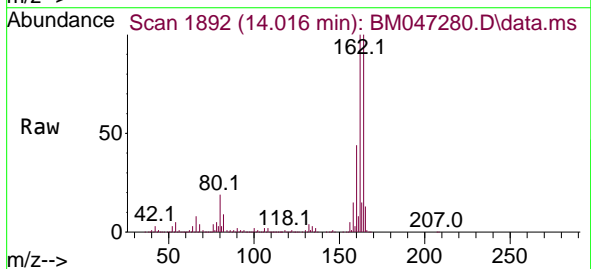
Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.3	48.5
54	45.1	37.4	56.2

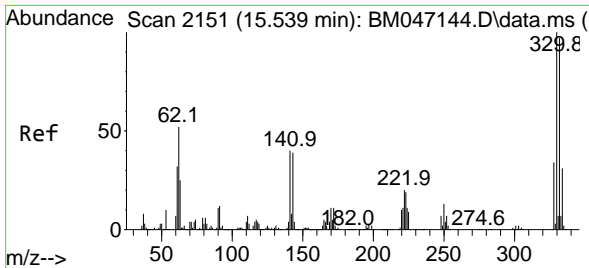


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.016 min Scan# 1892
 Delta R.T. -0.018 min
 Lab File: BM047280.D
 Acq: 20 Aug 2024 21:34

Tgt Ion: 164 Resp: 684460

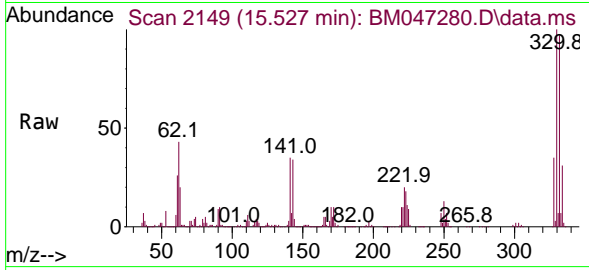
Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.7	121.1
160	44.4	36.0	54.0



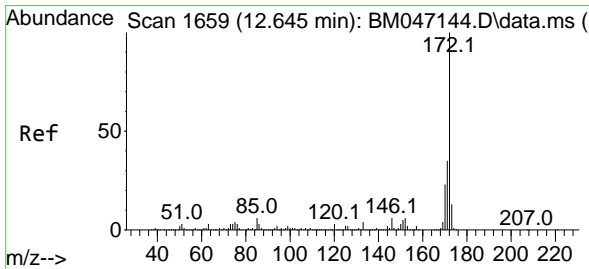
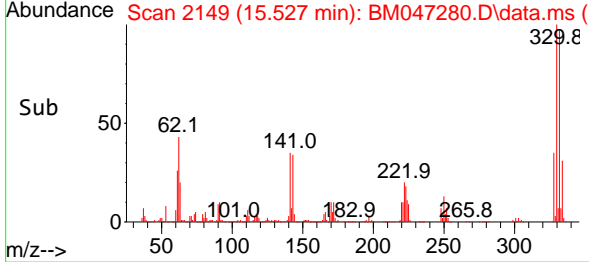
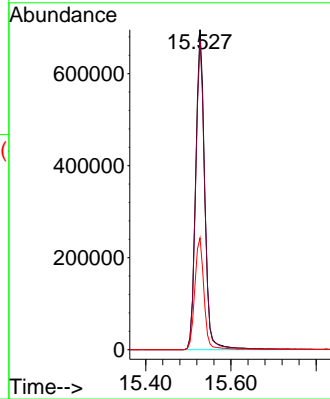


#42
 2,4,6-Tribromophenol
 Concen: 129.352 ng
 RT: 15.527 min Scan# 2151
 Delta R.T. -0.012 min
 Lab File: BM047280.D
 Acq: 20 Aug 2024 21:34

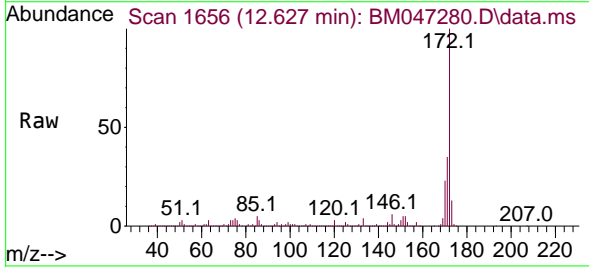
Instrument :
 BNA_M
 ClientSampleId :
 914-J-WS-081524



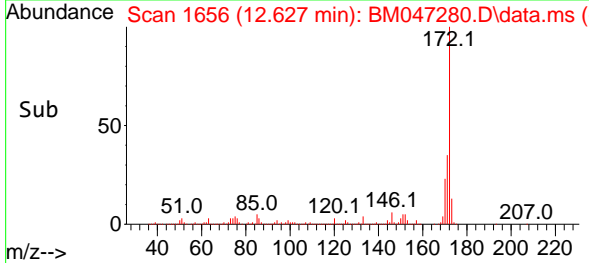
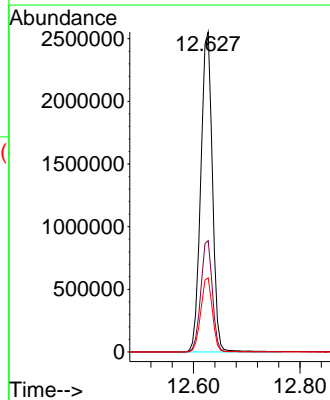
Tgt Ion:330 Resp: 1026596
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 35.8 31.6 47.4

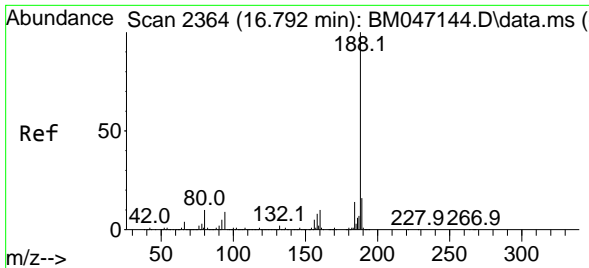


#45
 2-Fluorobiphenyl
 Concen: 87.146 ng
 RT: 12.627 min Scan# 1656
 Delta R.T. -0.018 min
 Lab File: BM047280.D
 Acq: 20 Aug 2024 21:34



Tgt Ion:172 Resp: 3866887
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.8 41.6
 170 23.2 18.7 28.1



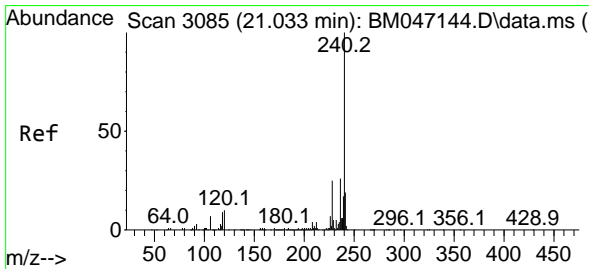
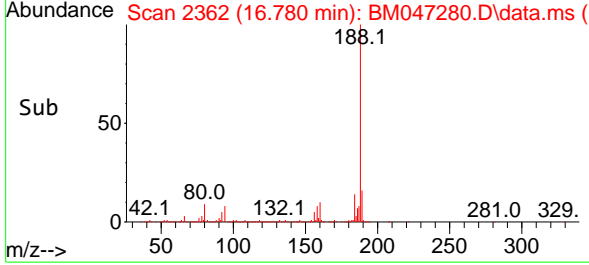
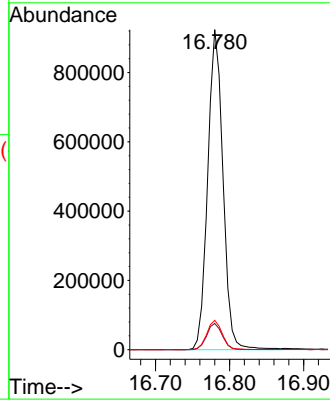
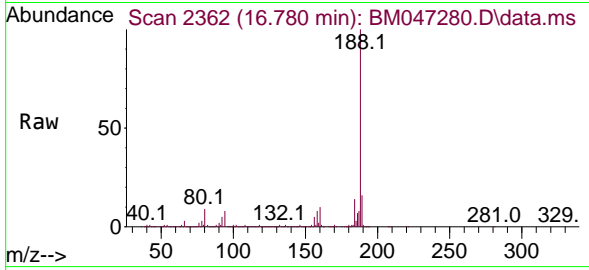


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.780 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047280.D
 Acq: 20 Aug 2024 21:34

Instrument :
 BNA_M
 ClientSampleId :
 914-J-WS-081524

Tgt Ion:188 Resp: 1321034

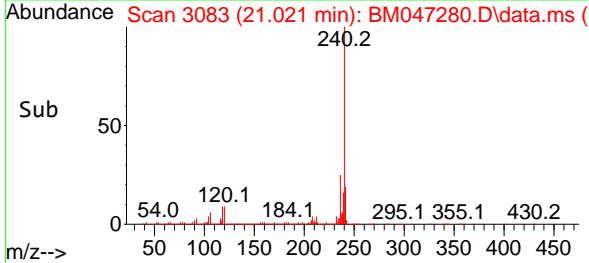
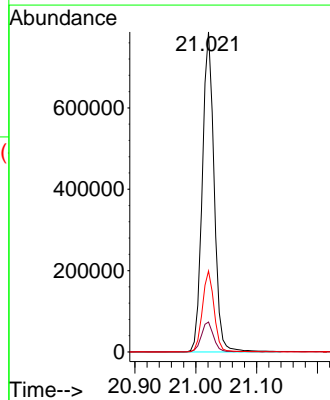
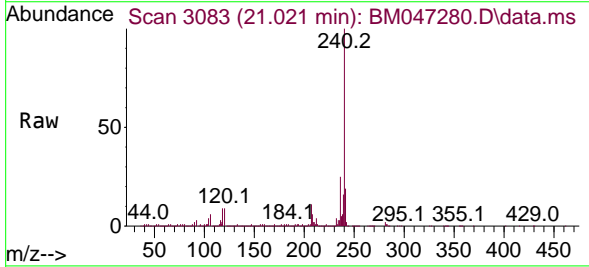
Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.6
80	9.2	8.0	12.0

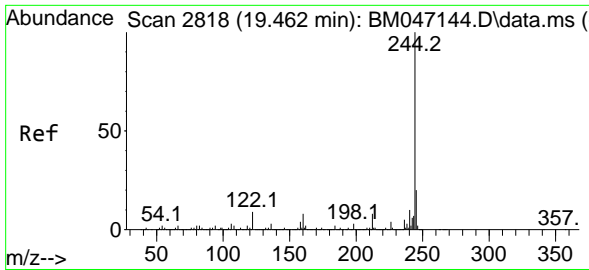


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.021 min Scan# 3083
 Delta R.T. -0.012 min
 Lab File: BM047280.D
 Acq: 20 Aug 2024 21:34

Tgt Ion:240 Resp: 1060406

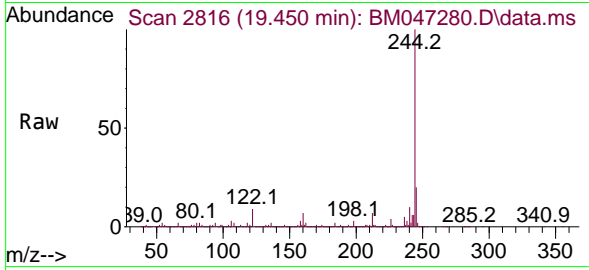
Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	25.3	20.6	30.8



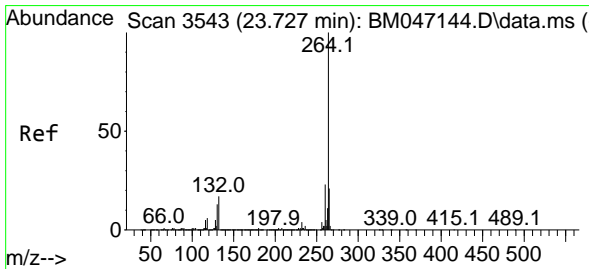
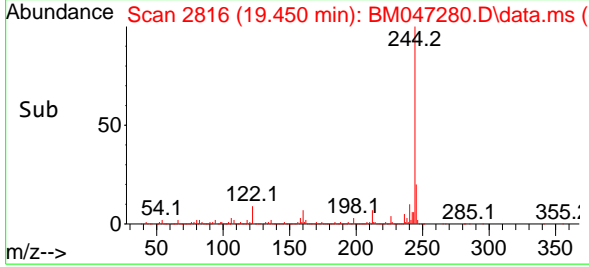
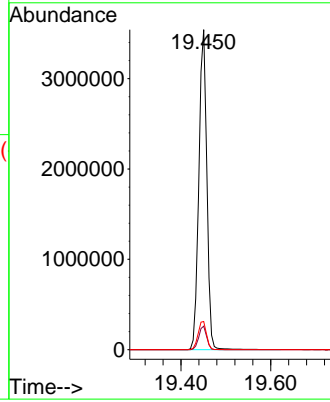


#79
 Terphenyl-d14
 Concen: 88.347 ng
 RT: 19.450 min Scan# 2816
 Delta R.T. -0.012 min
 Lab File: BM047280.D
 Acq: 20 Aug 2024 21:34

Instrument :
 BNA_M
 ClientSampleId :
 914-J-WS-081524

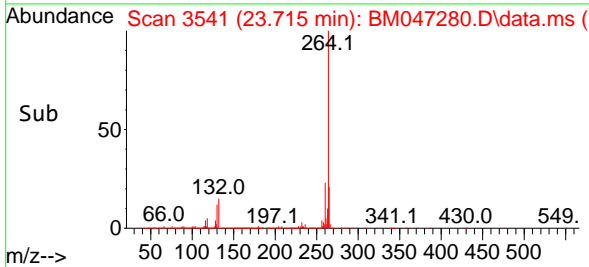
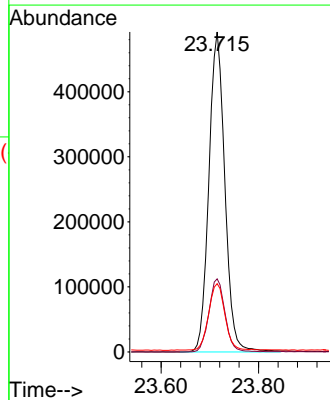
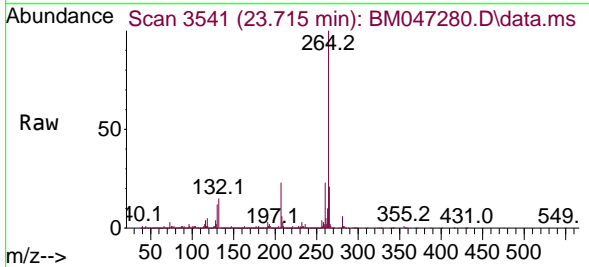


Tgt Ion:244 Resp: 4372101
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 8.8 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 3541
 Delta R.T. -0.012 min
 Lab File: BM047280.D
 Acq: 20 Aug 2024 21:34

Tgt Ion:264 Resp: 1115038
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.5 27.7
 265 21.3 17.3 25.9



Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/15/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/15/24
Client Sample ID:	916-J-WS-081524	SDG No.:	P3645
Lab Sample ID:	P3645-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group6
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047281.D	1	08/16/24 10:33	08/20/24 22:14	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.60	U	1.60	5.20	ug/L
100-52-7	Benzaldehyde	4.10	U	4.10	10.3	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.20	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.3	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.20	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.20	ug/L
91-20-3	Naphthalene	1.10	U	1.10	5.20	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.20	ug/L
91-57-6	2-Methylnaphthalene	1.20	U	1.20	5.20	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.20	ug/L
208-96-8	Acenaphthylene	1.10	U	1.10	5.20	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	5.20	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.20	ug/L
86-73-7	Fluorene	0.99	U	0.99	5.20	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.20	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	5.20	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.20	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.20	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.20	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.20	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.20	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	5.20	ug/L
218-01-9	Chrysene	0.89	U	0.89	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.20	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.20	ug/L
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.20	ug/L

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/15/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/15/24
Client Sample ID:	916-J-WS-081524	SDG No.:	P3645
Lab Sample ID:	P3645-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group6
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047281.D	1	08/16/24 10:33	08/20/24 22:14	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.10	U	1.10	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.20	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.20	ug/L
90-12-0	1-Methylnaphthalene	0.89	U	0.89	5.20	ug/L

SURROGATES

367-12-4	2-Fluorophenol	72.6		15 (10) - 110 (139)	48%	SPK: 150
13127-88-3	Phenol-d6	45.2		15 (10) - 110 (134)	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.9		30 (49) - 130 (133)	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.6		30 (52) - 130 (132)	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	133		15 (44) - 110 (137)	88%	SPK: 150
1718-51-0	Terphenyl-d14	93.5		30 (48) - 130 (125)	94%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	313000	7.357
1146-65-2	Naphthalene-d8	1140000	10.11
15067-26-2	Acenaphthene-d10	746000	14.016
1517-22-2	Phenanthrene-d10	1530000	16.78
1719-03-5	Chrysene-d12	1310000	21.021
1520-96-3	Perylene-d12	1290000	23.715

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047281.D
 Acq On : 20 Aug 2024 22:14
 Operator : RC/JU
 Sample : P3645-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 916-J-WS-081524

Quant Time: Aug 21 02:50:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.357	152	312772	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	1142660	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	745797	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1530970	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1309543	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1291407	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1270694	72.594	ng	0.00
7) Phenol-d6	6.569	99	1090156	45.199	ng	-0.02
23) Nitrobenzene-d5	8.504	82	1744202	76.861	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	1147929	132.745	ng	-0.01
45) 2-Fluorobiphenyl	12.628	172	3947185	81.639	ng	-0.02
79) Terphenyl-d14	19.451	244	5714616	93.506	ng	-0.01

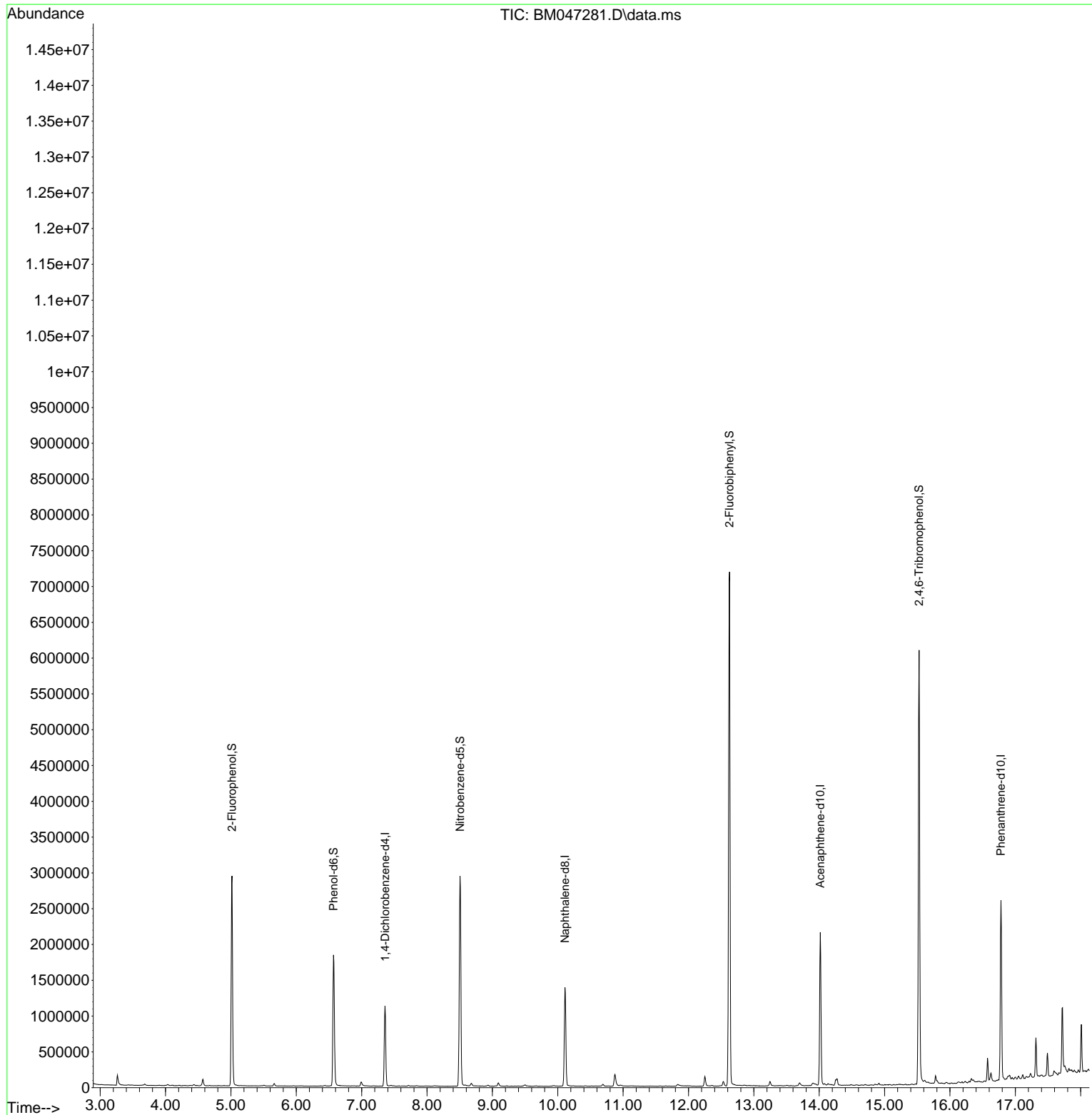
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
Data File : BM047281.D
Acq On : 20 Aug 2024 22:14
Operator : RC/JU
Sample : P3645-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
916-J-WS-081524

Quant Time: Aug 21 02:50:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

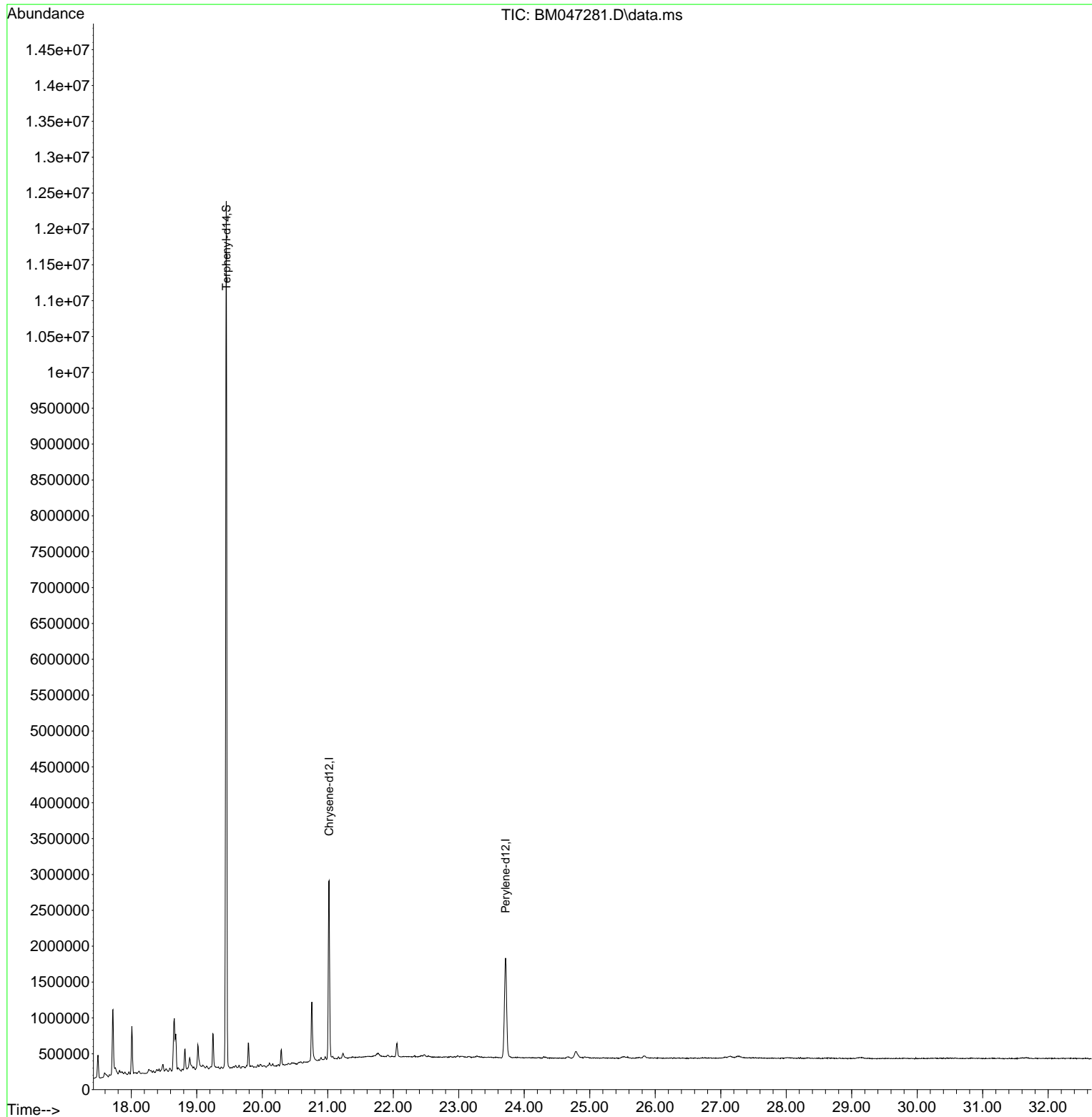


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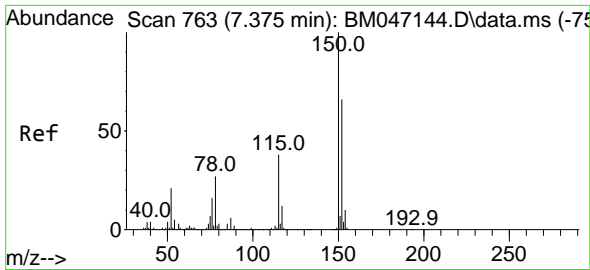
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
Data File : BM047281.D
Acq On : 20 Aug 2024 22:14
Operator : RC/JU
Sample : P3645-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
916-J-WS-081524

Quant Time: Aug 21 02:50:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration



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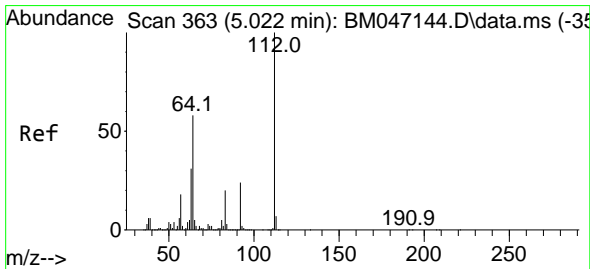
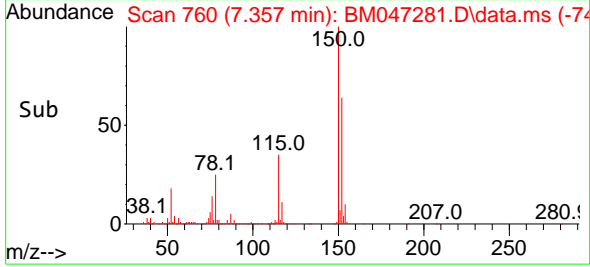
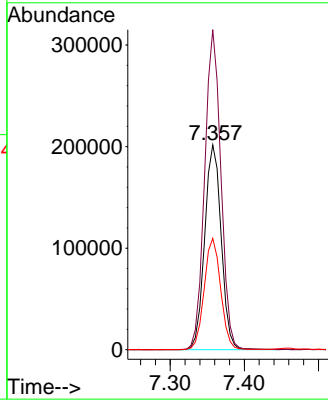
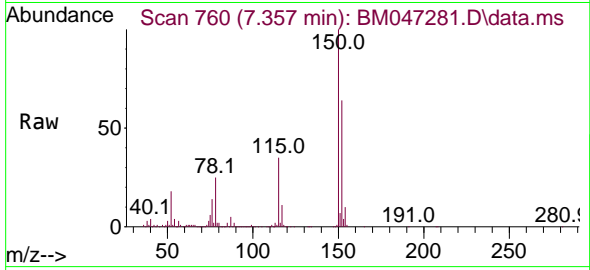


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.357 min Scan# 70
 Delta R.T. -0.018 min
 Lab File: BM047281.D
 Acq: 20 Aug 2024 22:14

Instrument :
 BNA_M
 ClientSampleId :
 916-J-WS-081524

Tgt Ion:152 Resp: 312772

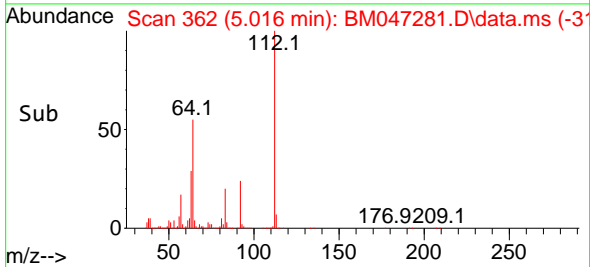
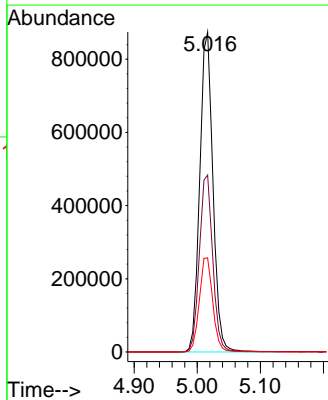
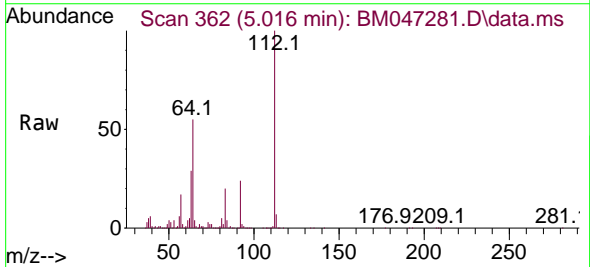
Ion	Ratio	Lower	Upper
152	100		
150	156.3	120.5	180.7
115	54.4	45.5	68.3

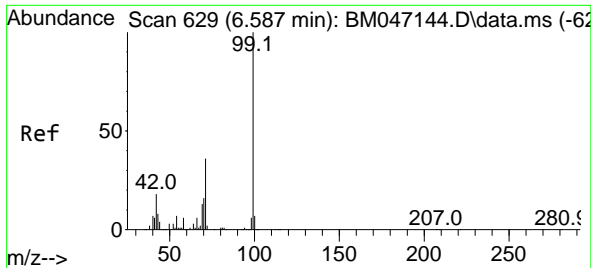


#5
 2-Fluorophenol
 Concen: 72.594 ng
 RT: 5.016 min Scan# 362
 Delta R.T. -0.006 min
 Lab File: BM047281.D
 Acq: 20 Aug 2024 22:14

Tgt Ion:112 Resp: 1270694

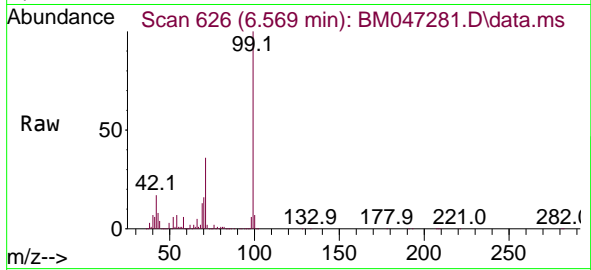
Ion	Ratio	Lower	Upper
112	100		
64	55.3	46.7	70.1
63	29.4	24.8	37.2



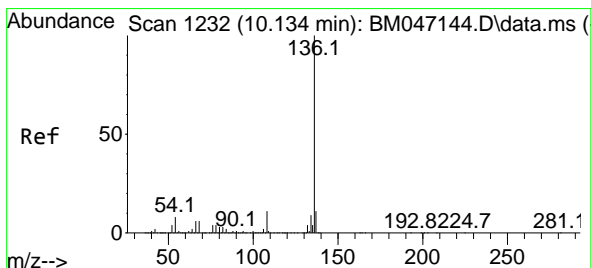
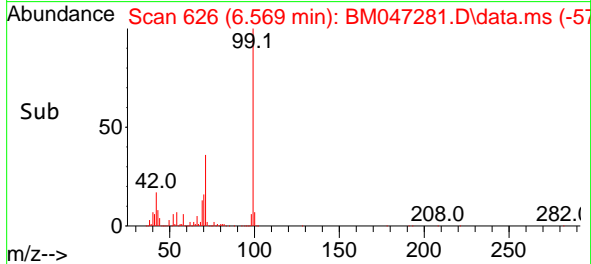
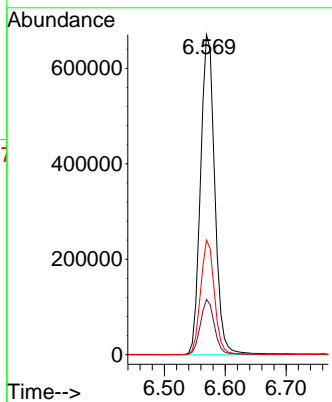


#7
 Phenol-d6
 Concen: 45.199 ng
 RT: 6.569 min Scan# 61
 Delta R.T. -0.018 min
 Lab File: BM047281.D
 Acq: 20 Aug 2024 22:14

Instrument :
 BNA_M
 ClientSampleId :
 916-J-WS-081524

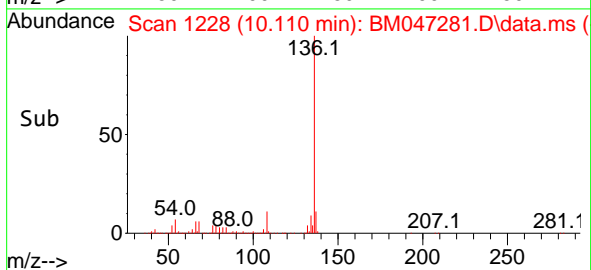
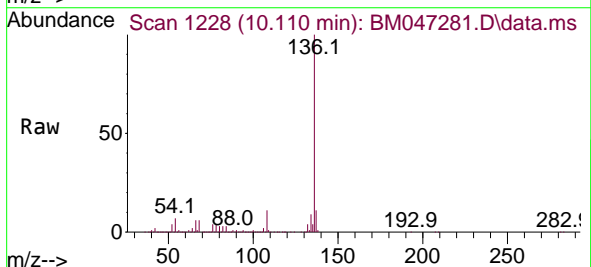
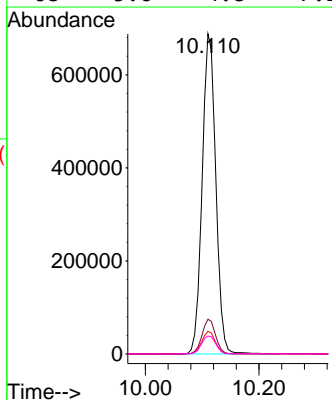


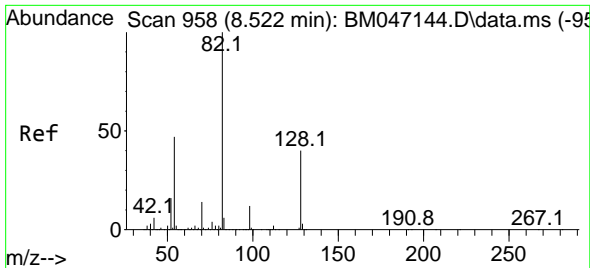
Tgt Ion: 99 Resp: 1090156
 Ion Ratio Lower Upper
 99 100
 42 17.3 14.1 21.1
 71 35.8 28.5 42.7



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.110 min Scan# 1228
 Delta R.T. -0.024 min
 Lab File: BM047281.D
 Acq: 20 Aug 2024 22:14

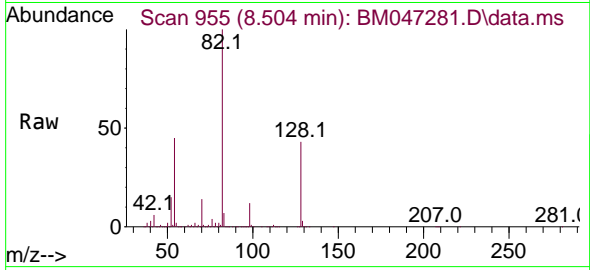
Tgt Ion: 136 Resp: 1142660
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.8 13.2
 54 7.1 6.0 9.0
 68 5.6 4.8 7.2





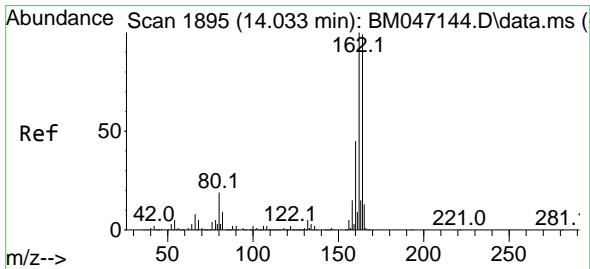
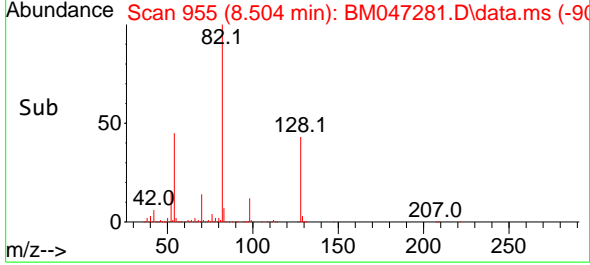
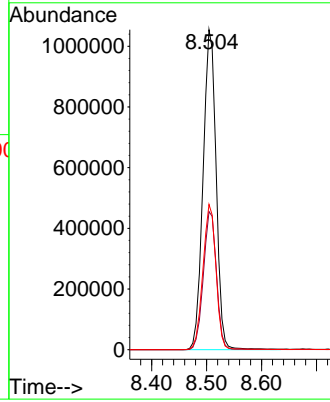
#23
 Nitrobenzene-d5
 Concen: 76.861 ng
 RT: 8.504 min Scan# 91
 Delta R.T. -0.018 min
 Lab File: BM047281.D
 Acq: 20 Aug 2024 22:14

Instrument :
 BNA_M
ClientSampleId :
 916-J-WS-081524

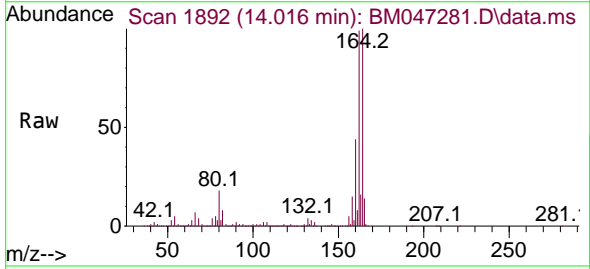


Tgt Ion: 82 Resp: 1744202

Ion	Ratio	Lower	Upper
82	100		
128	43.2	32.3	48.5
54	45.4	37.4	56.2

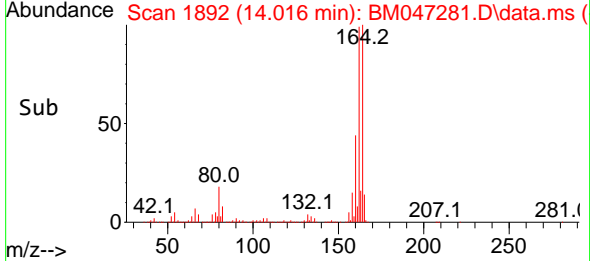
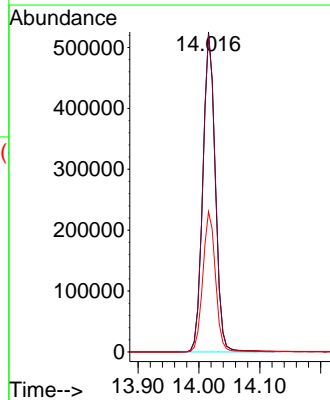


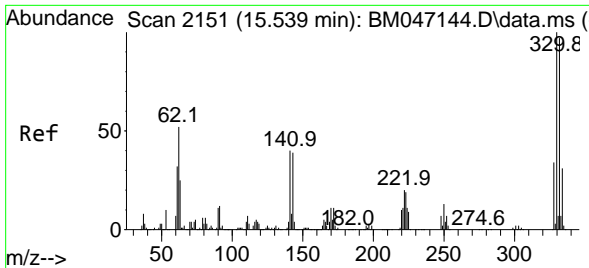
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.016 min Scan# 1892
 Delta R.T. -0.018 min
 Lab File: BM047281.D
 Acq: 20 Aug 2024 22:14



Tgt Ion: 164 Resp: 745797

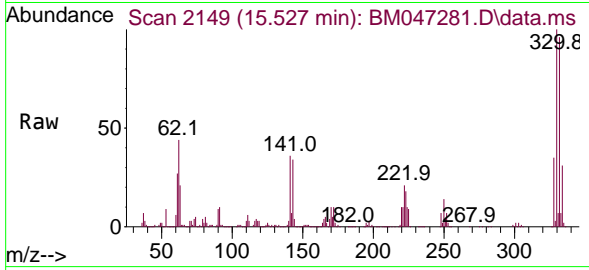
Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.7	121.1
160	43.8	36.0	54.0



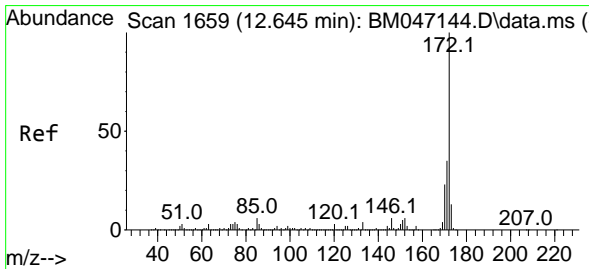
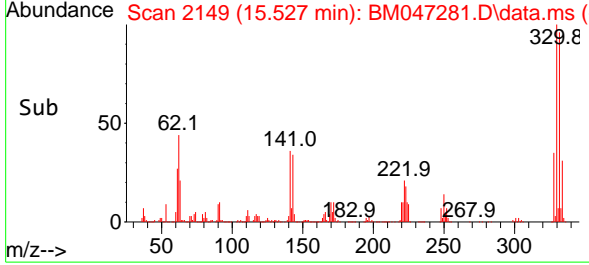
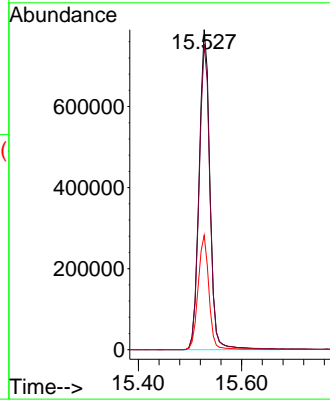


#42
 2,4,6-Tribromophenol
 Concen: 132.745 ng
 RT: 15.527 min Scan# 2151
 Delta R.T. -0.012 min
 Lab File: BM047281.D
 Acq: 20 Aug 2024 22:14

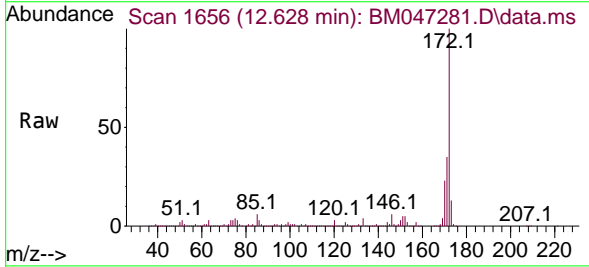
Instrument :
 BNA_M
 ClientSampleId :
 916-J-WS-081524



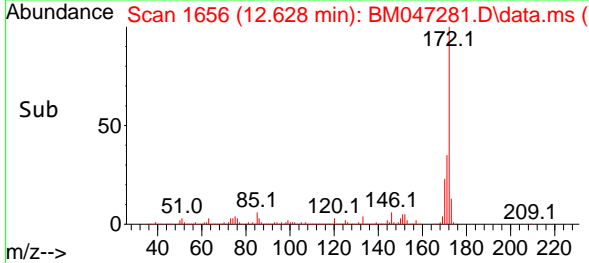
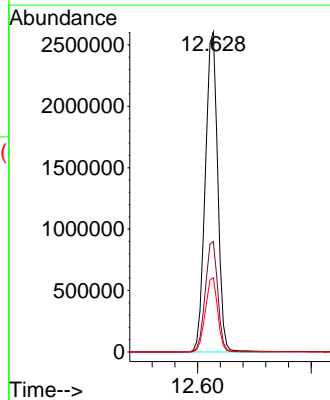
Tgt Ion:330 Resp: 1147929
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 35.4 31.6 47.4

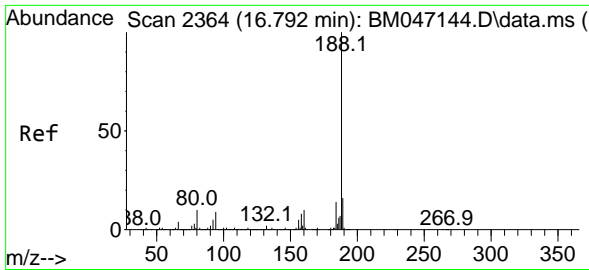


#45
 2-Fluorobiphenyl
 Concen: 81.639 ng
 RT: 12.628 min Scan# 1656
 Delta R.T. -0.017 min
 Lab File: BM047281.D
 Acq: 20 Aug 2024 22:14



Tgt Ion:172 Resp: 3947185
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.8 41.6
 170 23.2 18.7 28.1



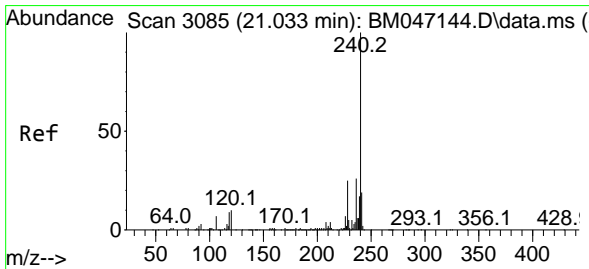
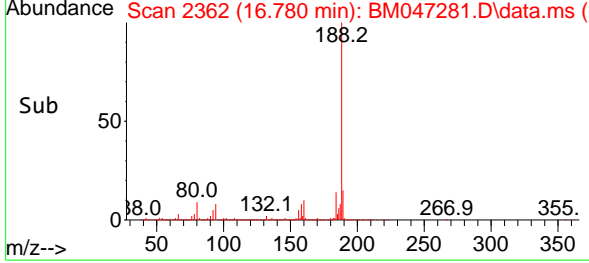
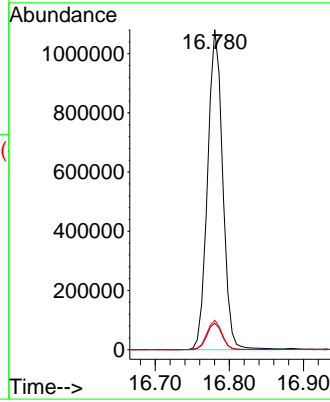
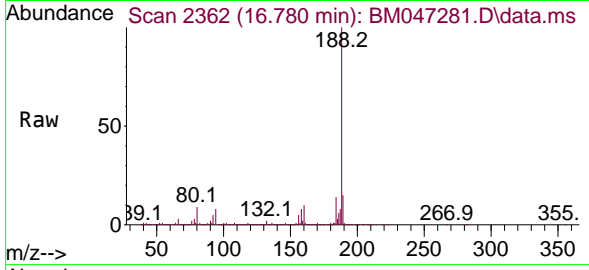


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.780 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047281.D
 Acq: 20 Aug 2024 22:14

Instrument :
 BNA_M
 ClientSampleId :
 916-J-WS-081524

Tgt Ion:188 Resp: 1530970

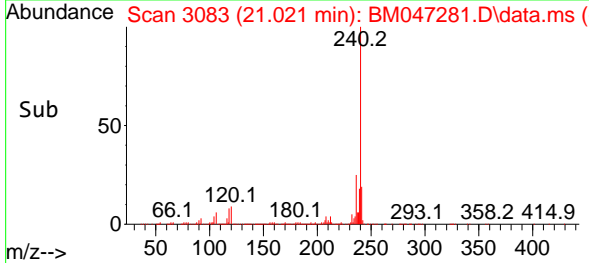
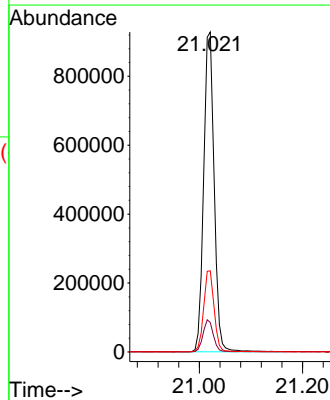
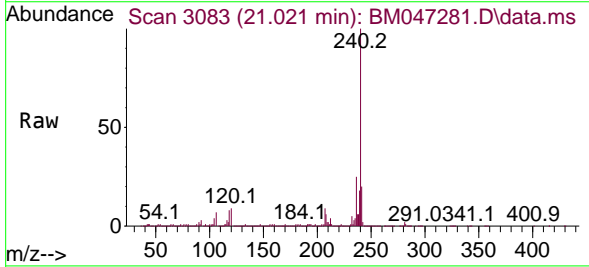
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.6
80	9.2	8.0	12.0

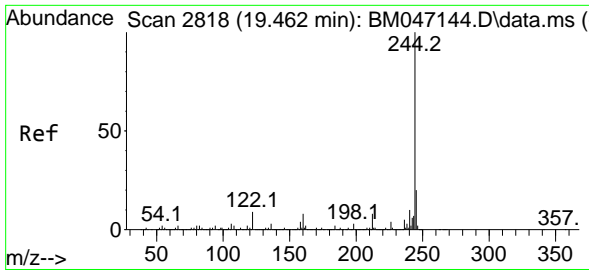


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.021 min Scan# 3083
 Delta R.T. -0.012 min
 Lab File: BM047281.D
 Acq: 20 Aug 2024 22:14

Tgt Ion:240 Resp: 1309543

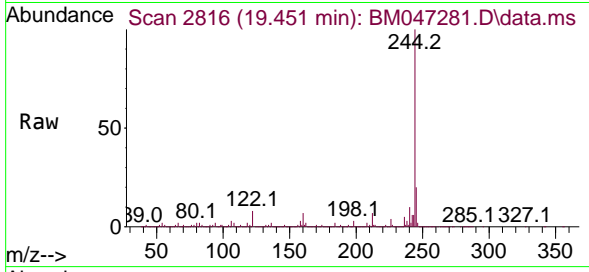
Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.2
236	25.4	20.6	30.8



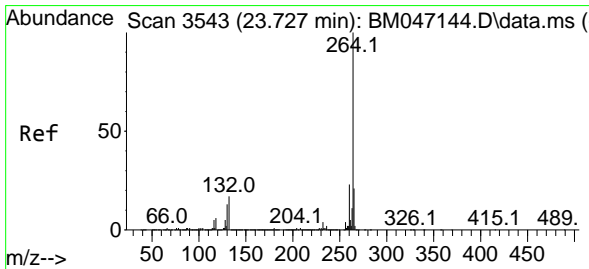
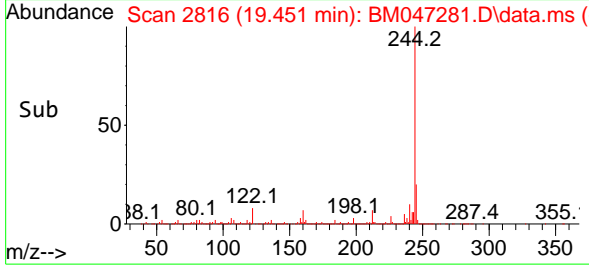
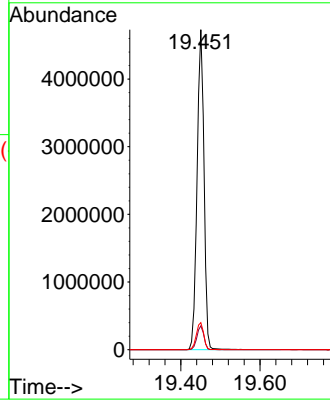


#79
 Terphenyl-d14
 Concen: 93.506 ng
 RT: 19.451 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047281.D
 Acq: 20 Aug 2024 22:14

Instrument :
 BNA_M
 ClientSampleId :
 916-J-WS-081524

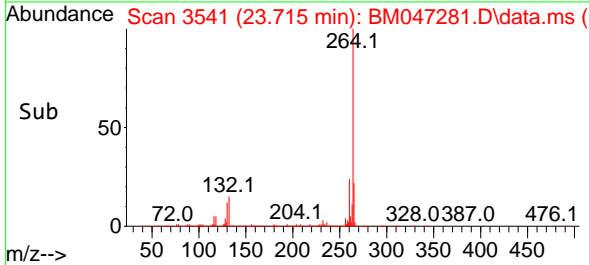
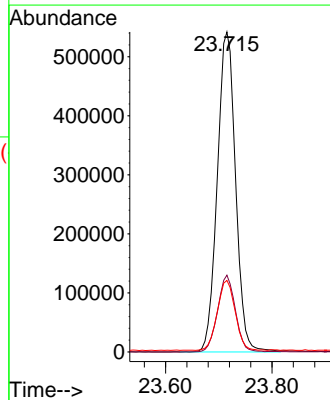
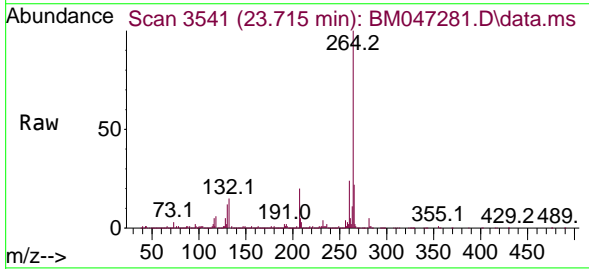


Tgt Ion:244 Resp: 5714616
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 3541
 Delta R.T. -0.012 min
 Lab File: BM047281.D
 Acq: 20 Aug 2024 22:14

Tgt Ion:264 Resp: 1291407
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.5 27.7
 265 22.3 17.3 25.9





CALIBRATION SUMMARY

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Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM081024.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Sun Aug 11 23:47:58 2024
 Response Via : Initial Calibration

Calibration Files

2.5 =BM047140.D 5 =BM047141.D 10 =BM047142.D 20 =BM047143.D 40 =BM047144.D 50 =BM047145.D 60 =BM047146.D 80 =BM047147.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane	0.519	0.490	0.495	0.438	0.436	0.442	0.426	0.464	7.88	
3) Pyridine	1.448	1.390	1.458	1.302	1.299	1.322	1.301	1.360	5.22	
4) n-Nitrosodimet...	0.643	0.612	0.629	0.570	0.564	0.583	0.558	0.594	5.71	
5) S 2-Fluorophenol	1.215	1.184	1.197	1.071	1.050	1.071	1.046	1.119	6.73	
6) Aniline	1.546	1.516	1.583	1.428	1.401	1.395	1.334	1.458	6.27	
7) S Phenol-d6	1.643	1.599	1.652	1.478	1.470	1.494	1.462	1.542	5.52	
8) 2-Chlorophenol	1.306	1.271	1.324	1.185	1.167	1.166	1.127	1.221	6.38	
9) Benzaldehyde	1.187	1.048	1.024	0.776	0.750	0.641		0.904	23.43	
10) C Phenol	1.695	1.600	1.645	1.453	1.450	1.477	1.453	1.539	6.80	
11) bis(2-Chloroet...	1.431	1.361	1.407	1.283	1.267	1.266	1.211	1.318	6.24	
12) 1,3-Dichlorobe...	1.567	1.506	1.537	1.408	1.394	1.393	1.350	1.451	5.81	
13) C 1,4-Dichlorobe...	1.581	1.532	1.562	1.429	1.405	1.412	1.360	1.469	5.95	
14) 1,2-Dichlorobe...	1.526	1.468	1.514	1.314	1.308	1.309	1.261	1.386	8.10	
15) Benzyl Alcohol	1.083	1.074	1.189	1.098	1.076	1.101	1.063	1.098	3.88	
16) 2,2'-oxybis(1-...	1.904	1.777	1.859	1.659	1.616	1.547	1.477	1.691	9.48	
17) 2-Methylphenol	1.064	1.055	1.115	1.003	0.998	0.993	0.959	1.027	5.20	
18) Hexachloroethane	0.609	0.577	0.600	0.551	0.553	0.560	0.533	0.569	4.84	
19) P n-Nitroso-di-n...	1.087	1.169	1.095	1.138	0.982	0.965	0.959	0.916	1.039	9.12
20) 3+4-Methylphenols	1.462	1.442	1.570	1.411	1.405	1.405	1.352	1.435	4.77	
21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone	0.547	0.517	0.510	0.462	0.450	0.452	0.441	0.483	8.55	
23) S Nitrobenzene-d5	0.423	0.417	0.420	0.390	0.378	0.382	0.372	0.397	5.53	
24) Nitrobenzene	0.425	0.427	0.428	0.393	0.380	0.378	0.369	0.400	6.44	
25) Isophorone	0.712	0.706	0.732	0.688	0.668	0.679	0.656	0.692	3.84	
26) C 2-Nitrophenol	0.156	0.166	0.180	0.182	0.182	0.189	0.185	0.177	6.56	
27) 2,4-Dimethylph...	0.200	0.209	0.217	0.209	0.206	0.209	0.204	0.207	2.64	
28) bis(2-Chloroet...	0.461	0.461	0.458	0.435	0.421	0.414	0.396	0.435	5.97	
29) C 2,4-Dichloroph...	0.289	0.300	0.318	0.312	0.310	0.317	0.308	0.308	3.28	
30) 1,2,4-Trichlor...	0.357	0.352	0.359	0.346	0.340	0.347	0.337	0.348	2.34	
31) Naphthalene	1.075	1.041	1.042	0.966	0.949	0.964	0.938	0.996	5.48	
32) Benzoic acid	0.182	0.212	0.240	0.251	0.262	0.273	0.268	0.241	13.75	
33) 4-Chloroaniline	0.382	0.393	0.409	0.385	0.374	0.375	0.364	0.383	3.81	
34) C Hexachlorobuta...	0.199	0.200	0.207	0.203	0.203	0.211	0.206	0.204	2.03	
35) Caprolactam	0.098	0.103	0.112	0.109	0.107	0.110	0.109	0.107	4.45	
36) C 4-Chloro-3-met...	0.320	0.324	0.347	0.328	0.323	0.330	0.324	0.328	2.73	
37) 2-Methylnaphth...	0.741	0.731	0.742	0.689	0.681	0.698	0.685	0.709	3.85	
38) 1-Methylnaphth...	0.737	0.726	0.735	0.681	0.668	0.690	0.671	0.701	4.34	

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM081024.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.539	0.531	0.554	0.543	0.546	0.559	0.546	0.546	1.70	
41) P	Hexachlorocycl...	0.160	0.180	0.191	0.200	0.199	0.209	0.195	0.190	8.53	
42) S	2,4,6-Tribromo...	0.222	0.233	0.248	0.232	0.228	0.234	0.226	0.232	3.60	
43) C	2,4,6-Trichlor...	0.355	0.372	0.394	0.399	0.394	0.404	0.396	0.388	4.52	
44)	2,4,5-Trichlor...	0.410	0.410	0.438	0.437	0.436	0.447	0.435	0.430	3.37	
45) S	2-Fluorobiphenyl	1.406	1.341	1.336	1.265	1.247	1.261	1.220	1.297	5.09	
46)	1,1'-Biphenyl	1.538	1.482	1.479	1.388	1.361	1.387	1.332	1.424	5.32	
47)	2-Chloronaphth...	1.197	1.169	1.176	1.071	1.060	1.074	1.043	1.113	5.84	
48)	2-Nitroaniline	0.323	0.346	0.367	0.357	0.352	0.354	0.343	0.349	3.94	
49)	Acenaphthylene	1.719	1.699	1.732	1.602	1.575	1.602	1.554	1.640	4.50	
50)	Dimethylphthalate	1.472	1.433	1.468	1.379	1.343	1.365	1.318	1.397	4.38	
51)	2,6-Dinitrotol...	0.311	0.325	0.337	0.328	0.326	0.335	0.323	0.327	2.62	
52) C	Acenaphthene	1.115	1.079	1.086	1.008	0.991	1.017	0.988	1.041	4.94	
53)	3-Nitroaniline	0.310	0.317	0.344	0.331	0.328	0.337	0.325	0.327	3.53	
54) P	2,4-Dinitrophenol		0.152	0.185	0.204	0.204	0.218	0.212	0.196	12.27	
55)	Dibenzofuran	1.790	1.731	1.728	1.579	1.559	1.584	1.535	1.644	6.22	
56) P	4-Nitrophenol	0.247	0.268	0.293	0.293	0.291	0.296	0.287	0.282	6.42	
57)	2,4-Dinitrotol...	0.400	0.435	0.460	0.441	0.440	0.445	0.430	0.436	4.19	
58)	Fluorene	1.469	1.428	1.426	1.309	1.290	1.306	1.265	1.356	6.03	
59)	2,3,4,6-Tetrac...	0.333	0.345	0.369	0.355	0.354	0.366	0.355	0.354	3.44	
60)	Diethylphthalate	1.505	1.486	1.506	1.398	1.365	1.388	1.337	1.426	4.95	
61)	4-Chlorophenyl...	0.681	0.663	0.663	0.621	0.619	0.645	0.627	0.646	3.76	
62)	4-Nitroaniline	0.300	0.324	0.346	0.319	0.317	0.329	0.321	0.322	4.24	
63)	Azobenzene	1.455	1.445	1.457	1.314	1.280	1.285	1.232	1.352	7.14	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.092	0.107	0.120	0.125	0.126	0.128	0.122	0.117	11.31	
66) c	n-Nitrosodiphe...	0.570	0.561	0.573	0.536	0.526	0.532	0.515	0.545	4.22	
67)	4-Bromophenyl-...	0.190	0.190	0.198	0.191	0.191	0.198	0.191	0.193	1.90	
68)	Hexachlorobenzene	0.236	0.234	0.240	0.229	0.226	0.229	0.221	0.231	2.73	
69)	Atrazine	0.183	0.186	0.182	0.170	0.152	0.145	0.129	0.164	13.50	
70) C	Pentachlorophenol	0.141	0.152	0.165	0.168	0.166	0.174	0.166	0.162	6.91	
71)	Phenanthrene	1.090	1.035	1.036	0.976	0.967	0.974	0.949	1.004	5.05	
72)	Anthracene	1.024	1.000	1.026	0.953	0.946	0.961	0.926	0.977	4.10	
73)	Carbazole	1.071	1.041	1.052	0.971	0.954	0.959	0.933	0.997	5.55	
74)	Di-n-butylphth...	1.175	1.187	1.223	1.165	1.134	1.140	1.098	1.160	3.50	
75) C	Fluoranthene	1.294	1.239	1.255	1.199	1.179	1.207	1.172	1.221	3.62	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.226	0.190	0.373	0.489	0.370	0.389	0.337	0.339	29.96	
78)	Pyrene	1.456	1.398	1.443	1.425	1.414	1.446	1.414	1.428	1.46	
79) S	Terphenyl-d14	0.924	0.916	0.958	0.937	0.928	0.948	0.922	0.933	1.62	
80)	Butylbenzylpht...	0.511	0.552	0.600	0.608	0.599	0.616	0.595	0.583	6.48	
81)	Benzo(a)anthra...	1.390	1.331	1.364	1.300	1.291	1.324	1.293	1.328	2.85	
82)	3,3'-Dichlorob...	0.373	0.390	0.439	0.443	0.427	0.426	0.409	0.415	6.23	
83)	Chrysene	1.350	1.283	1.301	1.224	1.214	1.234	1.211	1.260	4.21	
84)	Bis(2-ethylhex...	0.771	0.808	0.867	0.845	0.832	0.846	0.816	0.826	3.81	
85) c	Di-n-octyl pht...	1.212	1.316	1.430	1.457	1.450	1.503	1.466	1.405	7.33	

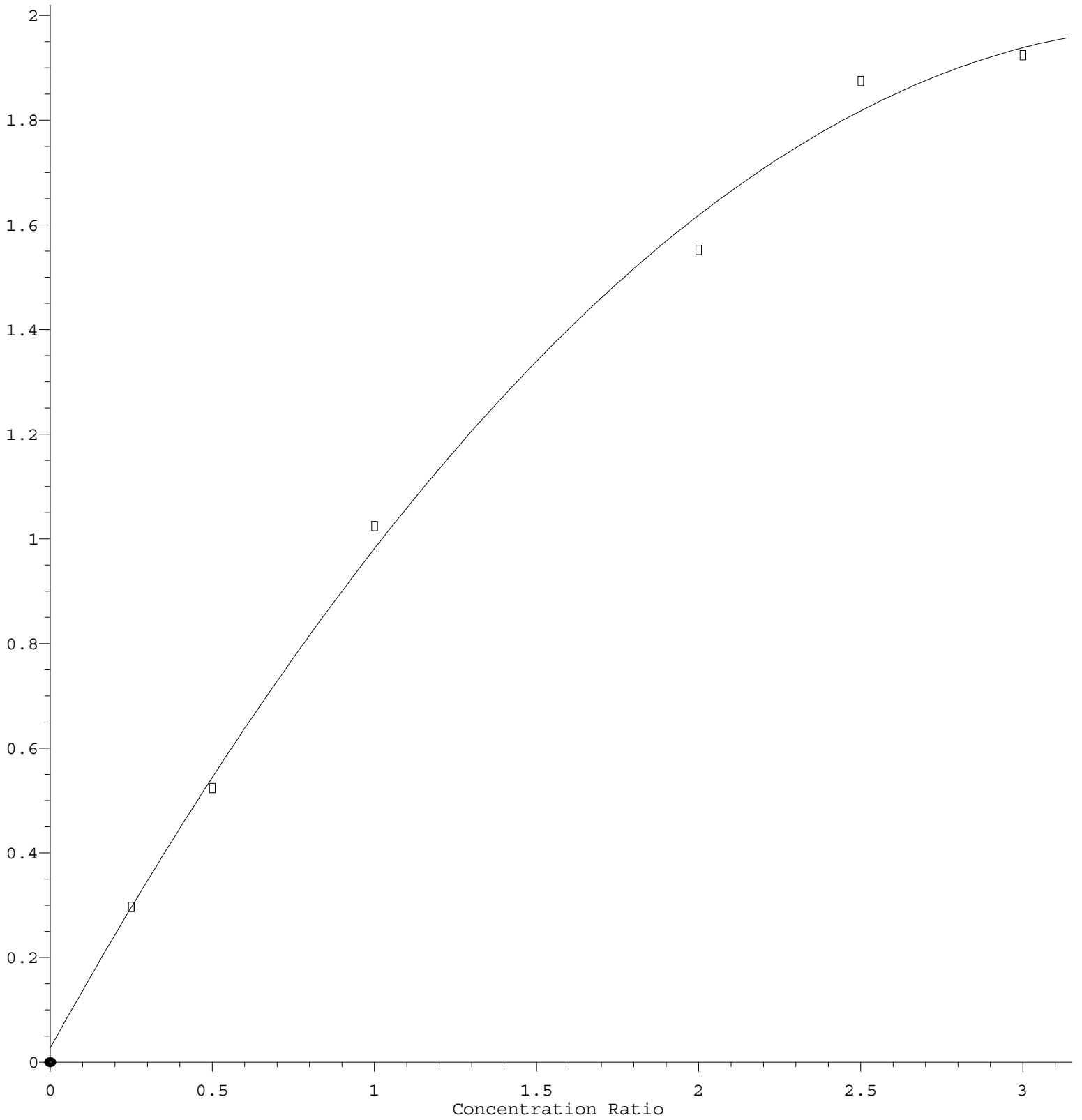
Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM081024.M

		-----ISTD-----								
86) I	Perylene-d12									
87)	Indeno(1,2,3-c...	1.326	1.280	1.366	1.279	1.278	1.227	1.294	1.293	3.38
88)	Benzo(b)fluora...	1.182	1.200	1.222	1.161	1.179	1.207	1.164	1.188	1.91
89)	Benzo(k)fluora...	1.192	1.134	1.175	1.097	1.059	1.116	1.080	1.122	4.35
90) C	Benzo(a)pyrene	1.014	1.015	1.066	1.024	1.012	1.046	1.025	1.029	1.93
91)	Dibenzo(a,h)an...	1.096	1.051	1.119	1.021	1.021	0.986	1.029	1.046	4.44
92)	Benzo(g,h,i)pe...	1.119	1.082	1.162	1.076	1.082	1.005	1.077	1.086	4.41

(#) = Out of Range

Benzaldehyde

Response Ratio



- 1
- 2
- 3
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R = -1.583e-001 A*A + 1.112e+000 A + 2.780e-002
Coef of Det (r^2) = 0.995802 Curve Fit: Quadratic
MetP66458\SWOCMS\Groups

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047140.D
 Acq On : 10 Aug 2024 13:12
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Quant Time: Aug 11 23:30:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:24:37 2024
 Response via : Initial Calibration

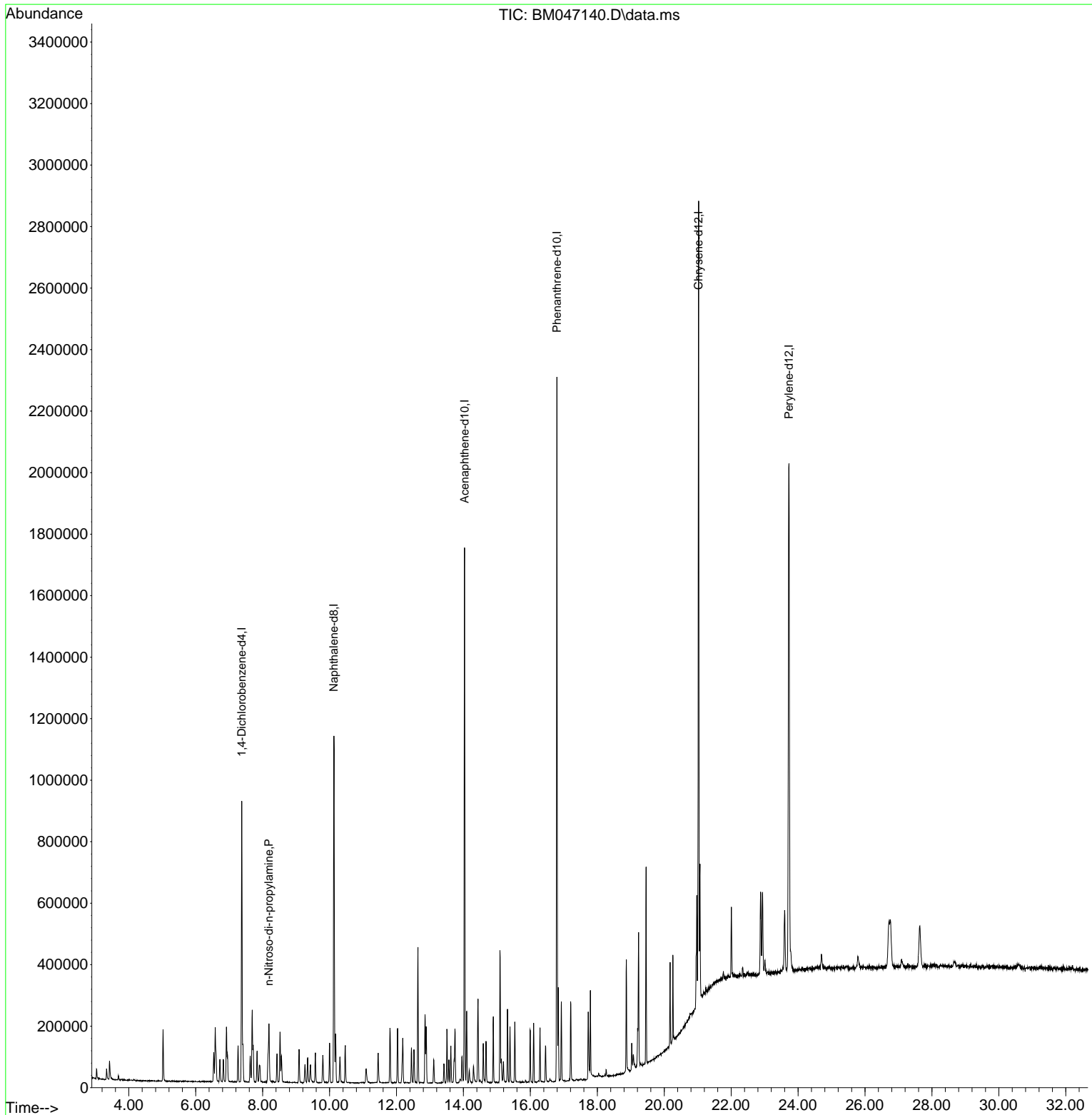
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	233543	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	912085	20.000	ng	0.00
39) Acenaphthene-d10	14.034	164	589187	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1231431	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1169603	20.000	ng	0.00
86) Perylene-d12	23.727	264	1431343	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.181	70	31744	2.617	ng	Qvalue # 98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

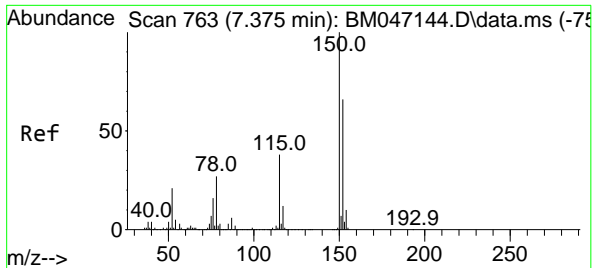
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
Data File : BM047140.D
Acq On : 10 Aug 2024 13:12
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 11 23:30:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:24:37 2024
Response via : Initial Calibration



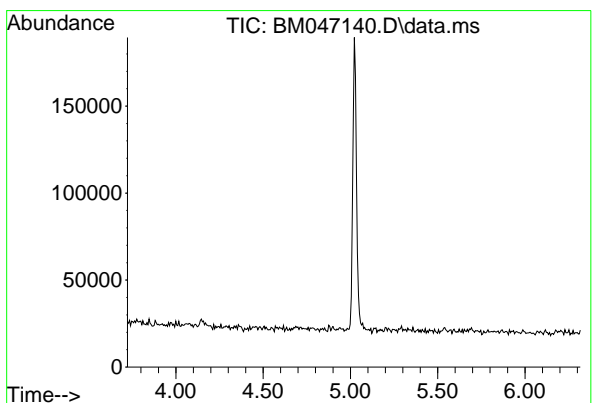
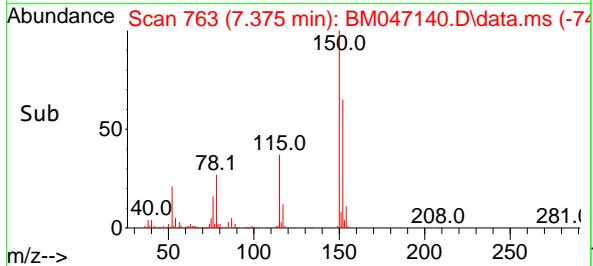
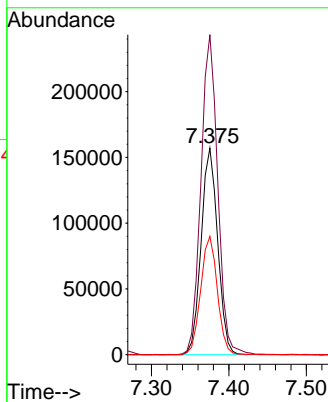
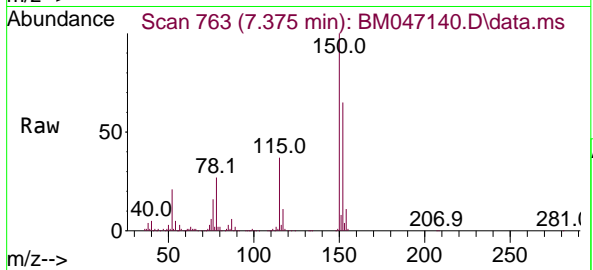
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.375 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BM047140.D
 Acq: 10 Aug 2024 13:12

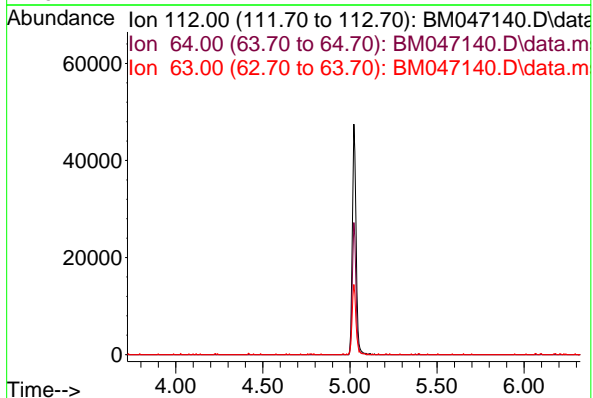
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

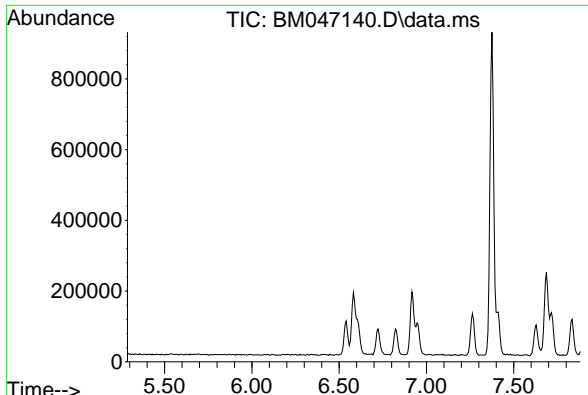
Tgt Ion	Resp	Lower	Upper
152	233543	100	180.7
150	154.9	120.5	180.7
115	57.3	45.5	68.3



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.02 min
 Lab File: BM047140.D
 Acq: 10 Aug 2024 13:12

Tgt Ion	Sig	Exp Ratio
112	100	
64	58.4	
63	31.0	

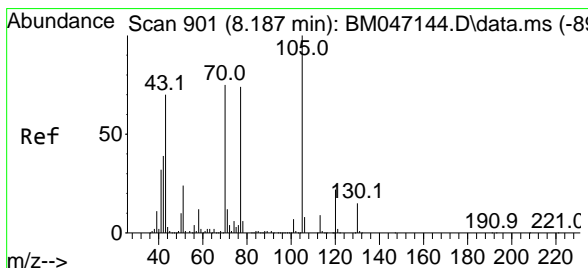
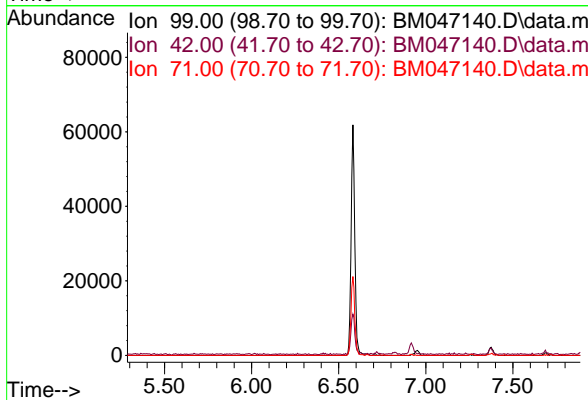




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.59 min
 Lab File: BM047140.D
 Acq: 10 Aug 2024 13:12

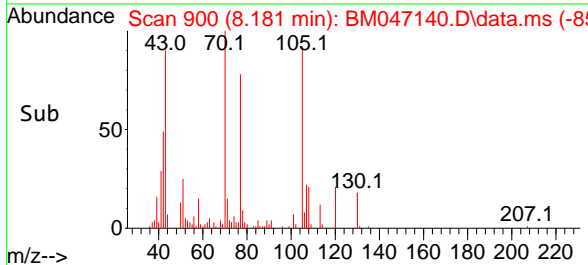
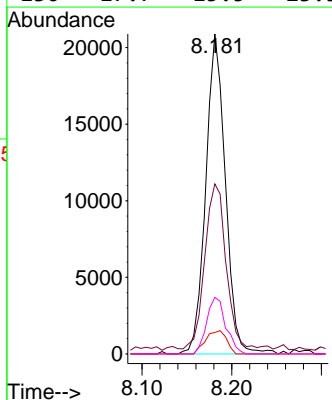
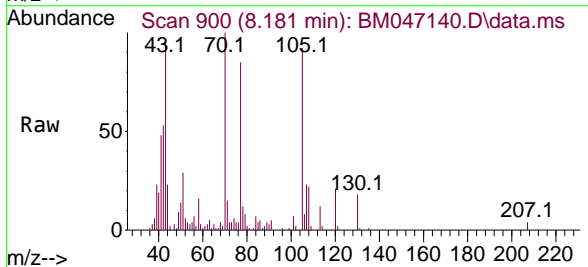
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

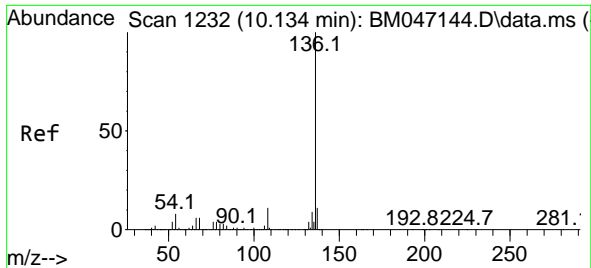
Tgt Ion:	99
Sig	Exp Ratio
99	100
42	17.6
71	35.6



#19
 n-Nitroso-di-n-propylamine
 Concen: 2.617 ng
 RT: 8.181 min Scan# 900
 Delta R.T. -0.006 min
 Lab File: BM047140.D
 Acq: 10 Aug 2024 13:12

Tgt Ion:	70	Resp:	31744
Ion Ratio	Lower	Upper	
70	100		
42	53.2	42.0	63.0
101	6.7	7.2	10.8#
130	17.7	15.5	23.3



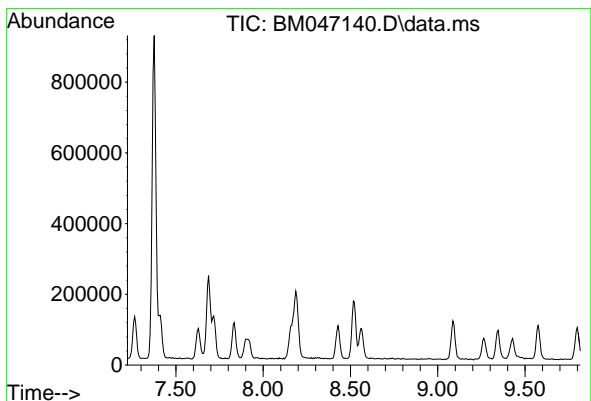
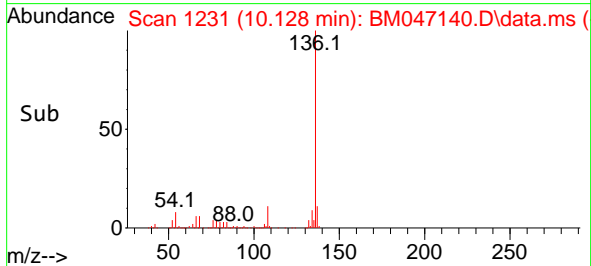
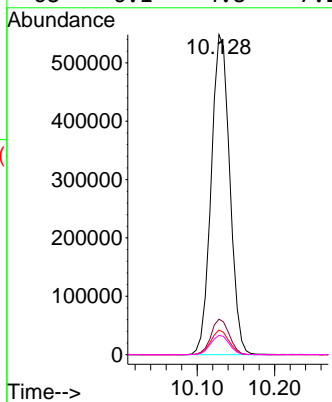
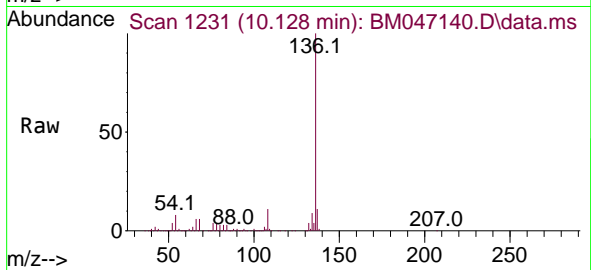


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.128 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM047140.D
 Acq: 10 Aug 2024 13:12

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 136 Resp: 912085

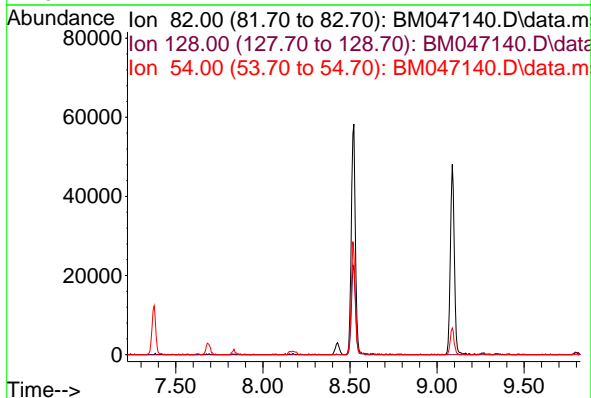
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.7	6.0	9.0
68	6.1	4.8	7.2

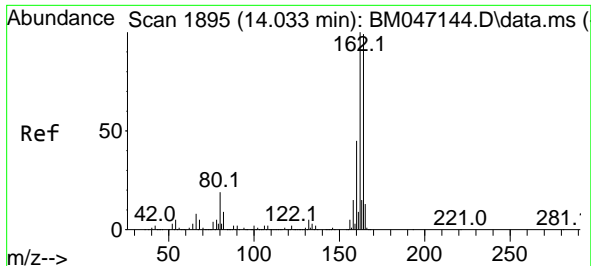


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 8.52 min
 Lab File: BM047140.D
 Acq: 10 Aug 2024 13:12

Tgt Ion: 82

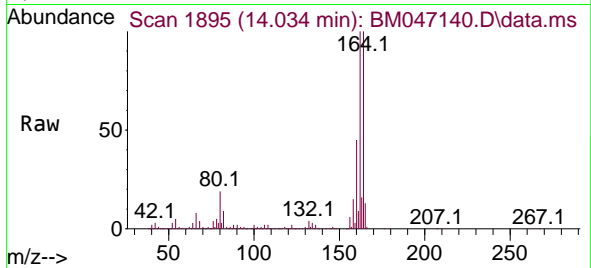
Sig	Exp Ratio
82	100
128	40.4
54	46.8





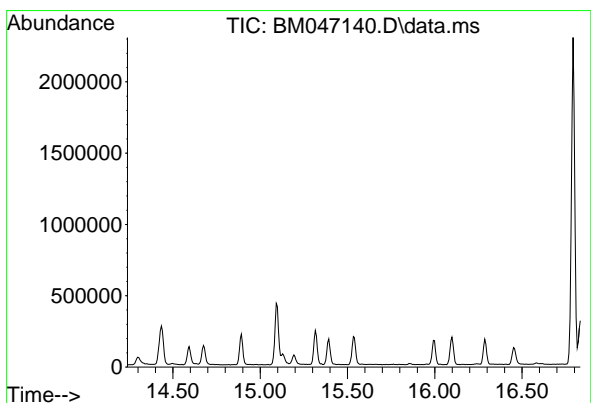
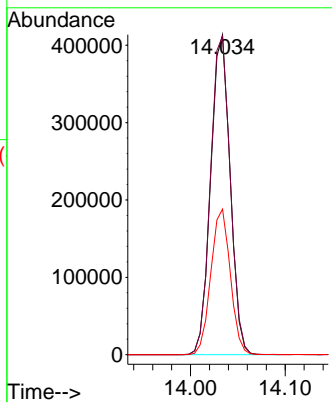
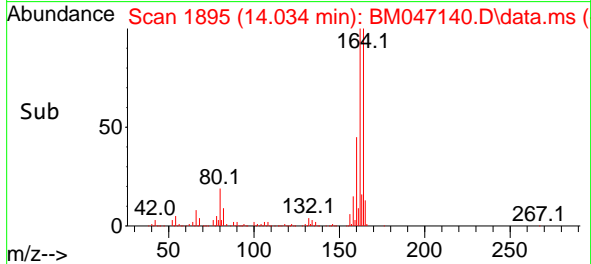
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.034 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BM047140.D
 Acq: 10 Aug 2024 13:12

Instrument : BNA_M
 ClientSampleId : SSTDICC2.5



Tgt Ion:164 Resp: 589187

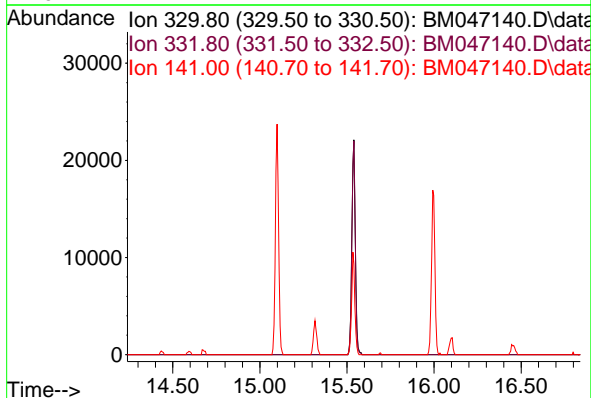
Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.7	121.1
160	45.5	36.0	54.0

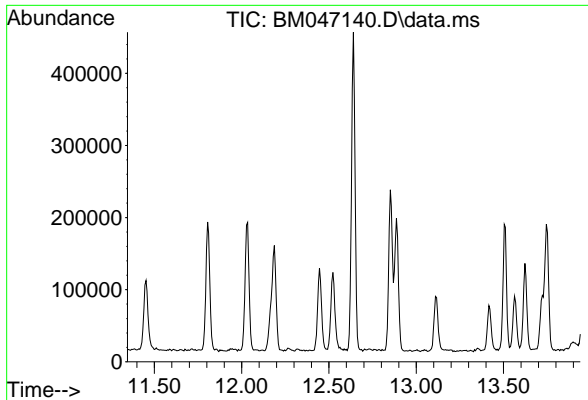


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.54 min
 Lab File: BM047140.D
 Acq: 10 Aug 2024 13:12

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.8
141	39.5

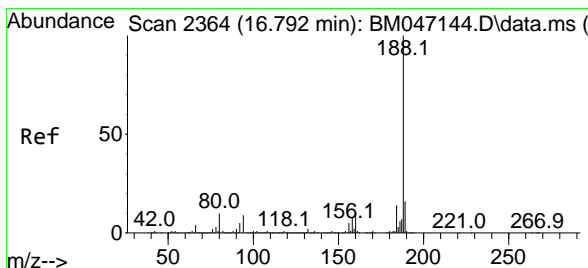
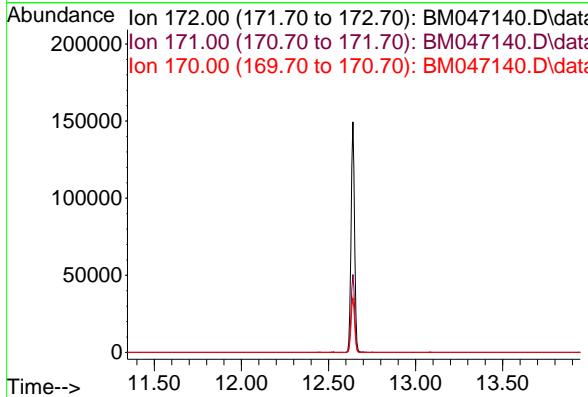




#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 12.65 min
 Lab File: BM047140.D
 Acq: 10 Aug 2024 13:12

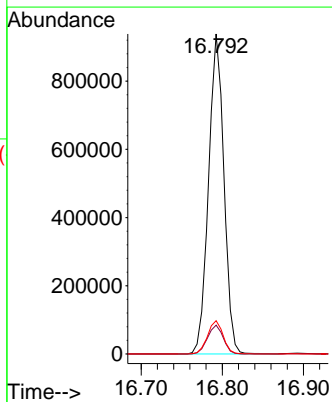
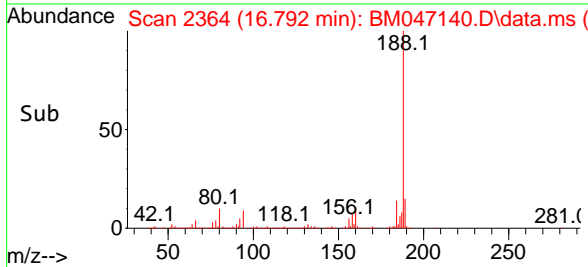
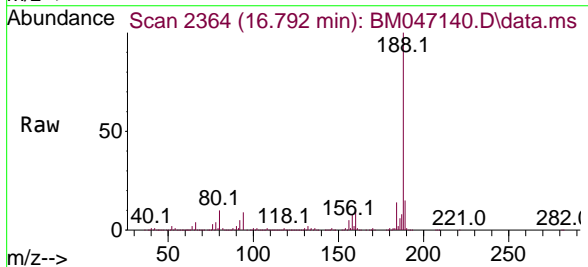
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

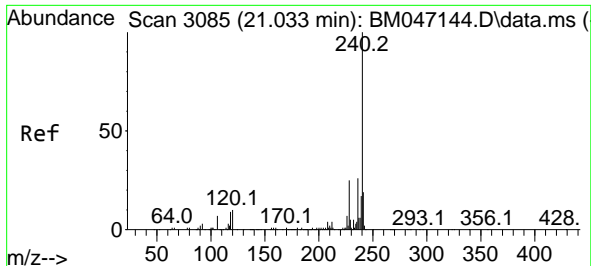
Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 34.7
 170 23.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.792 min Scan# 2364
 Delta R.T. 0.000 min
 Lab File: BM047140.D
 Acq: 10 Aug 2024 13:12

Tgt Ion: 188 Resp: 1231431
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.0 10.6
 80 10.4 8.0 12.0

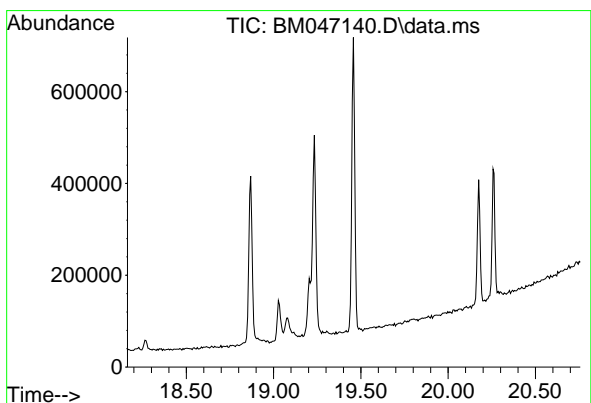
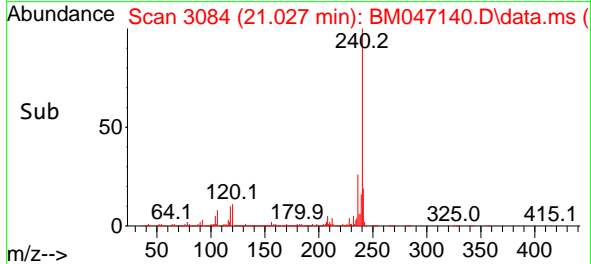
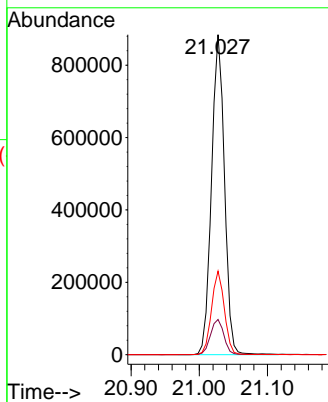
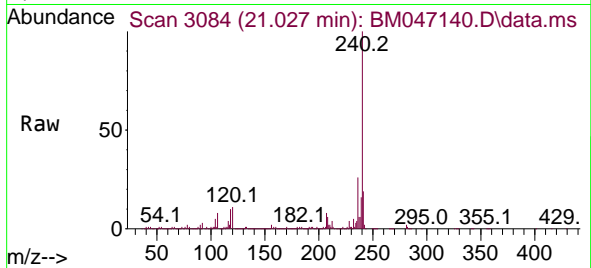




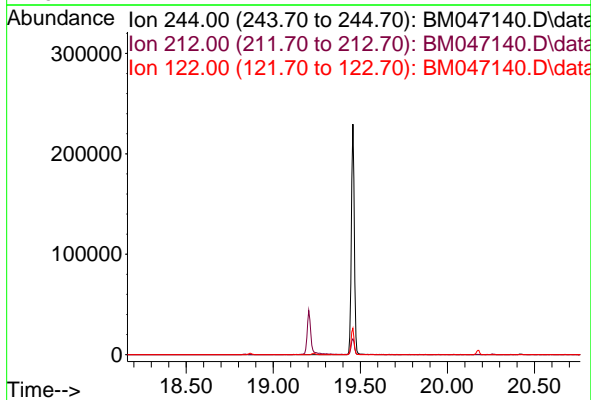
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.027 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BM047140.D
 Acq: 10 Aug 2024 13:12

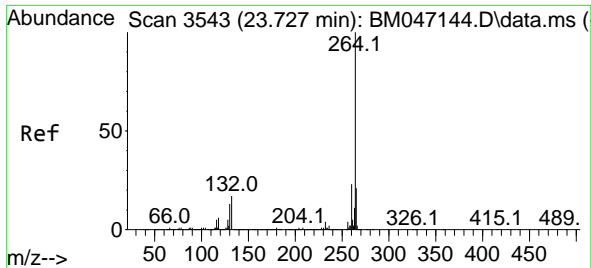
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:240 Resp: 1169603
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.2 12.2
 236 26.1 20.6 30.8



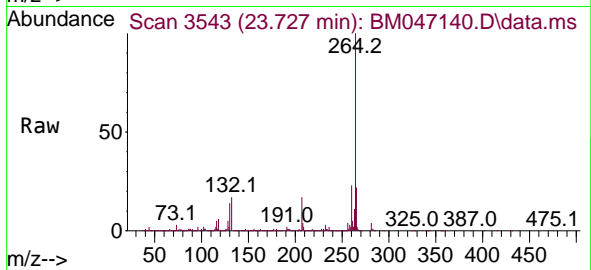
#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 19.46 min
 Lab File: BM047140.D
 Acq: 10 Aug 2024 13:12
 Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 7.8
 122 8.9





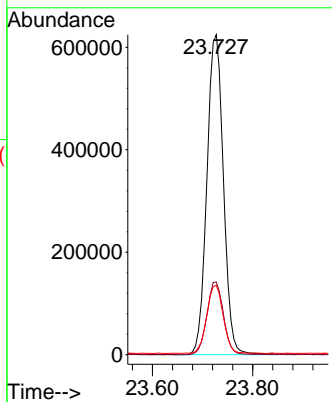
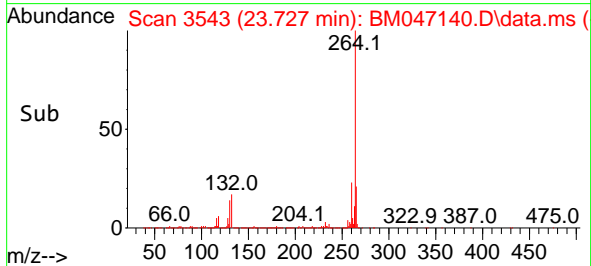
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM047140.D
Acq: 10 Aug 2024 13:12

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5



Tgt Ion: 264 Resp: 1431343

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	21.7	17.3	25.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047141.D
 Acq On : 10 Aug 2024 13:52
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Quant Time: Aug 11 23:31:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:24:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	231587	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	953129	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	629995	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1336137	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1301329	20.000	ng	0.00
86) Perylene-d12	23.727	264	1576050	20.000	ng	0.00

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	140661	10.853	ng	0.00
7) Phenol-d6	6.581	99	190264	10.654	ng	0.00
23) Nitrobenzene-d5	8.516	82	201738	10.658	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	70075	9.593	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	442999	10.847	ng	0.00
79) Terphenyl-d14	19.456	244	601320	9.901	ng	0.00

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Target Compounds							
2) 1,4-Dioxane	3.040	88	30031	5.592	ng		99
3) Pyridine	3.416	79	83824	5.327	ng		96
4) n-Nitrosodimethylamine	3.334	42	37222	5.410	ng	#	94
6) Aniline	6.722	93	89509	5.303	ng		99
8) 2-Chlorophenol	6.945	128	75622	5.350	ng		95
9) Benzaldehyde	6.540	77	68748	5.019	ng		96
10) Phenol	6.604	94	98125	5.506	ng		99
11) bis(2-Chloroethyl)ether	6.822	93	82870	5.430	ng		95
12) 1,3-Dichlorobenzene	7.263	146	90719	5.401	ng		97
13) 1,4-Dichlorobenzene	7.410	146	91512	5.381	ng		98
14) 1,2-Dichlorobenzene	7.716	146	88355	5.506	ng		96
15) Benzyl Alcohol	7.622	79	62692	4.932	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.904	45	110215	5.622	ng		98
17) 2-Methylphenol	7.834	107	61615	5.183	ng		95
18) Hexachloroethane	8.428	117	35243	5.350	ng		89
19) n-Nitroso-di-n-propyla...	8.181	70	67704	5.628	ng		100
20) 3+4-Methylphenols	8.157	107	84662	5.094	ng		99
22) Acetophenone	8.192	105	130329	5.665	ng		98
24) Nitrobenzene	8.557	77	101289	5.314	ng		97
25) Isophorone	9.086	82	169727	5.150	ng		100
26) 2-Nitrophenol	9.263	139	37222	4.410	ng	#	88
27) 2,4-Dimethylphenol	9.339	122	47540	4.808	ng		99
28) bis(2-Chloroethoxy)met...	9.575	93	109875	5.298	ng		99
29) 2,4-Dichlorophenol	9.798	162	68962	4.700	ng		99
30) 1,2,4-Trichlorobenzene	9.998	180	85165	5.129	ng		96
31) Naphthalene	10.181	128	256168	5.395	ng		99
32) Benzoic acid	9.439	122	43353m	3.753	ng		
33) 4-Chloroaniline	10.304	127	90992	4.983	ng		97
34) Hexachlorobutadiene	10.469	225	47407	4.878	ng		97
35) Caprolactam	11.086	113	23316	4.576	ng		95
36) 4-Chloro-3-methylphenol	11.451	107	76286	4.882	ng		95
37) 2-Methylnaphthalene	11.804	142	176480	5.220	ng		99
38) 1-Methylnaphthalene	12.027	142	175570	5.255	ng		97
40) 1,2,4,5-Tetrachloroben...	12.186	216	84909	4.941	ng		99
41) Hexachlorocyclopentadiene	12.163	237	25169	4.195	ng		97
43) 2,4,6-Trichlorophenol	12.445	196	55962	4.582	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047141.D
 Acq On : 10 Aug 2024 13:52
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Quant Time: Aug 11 23:31:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:24:37 2024
 Response via : Initial Calibration

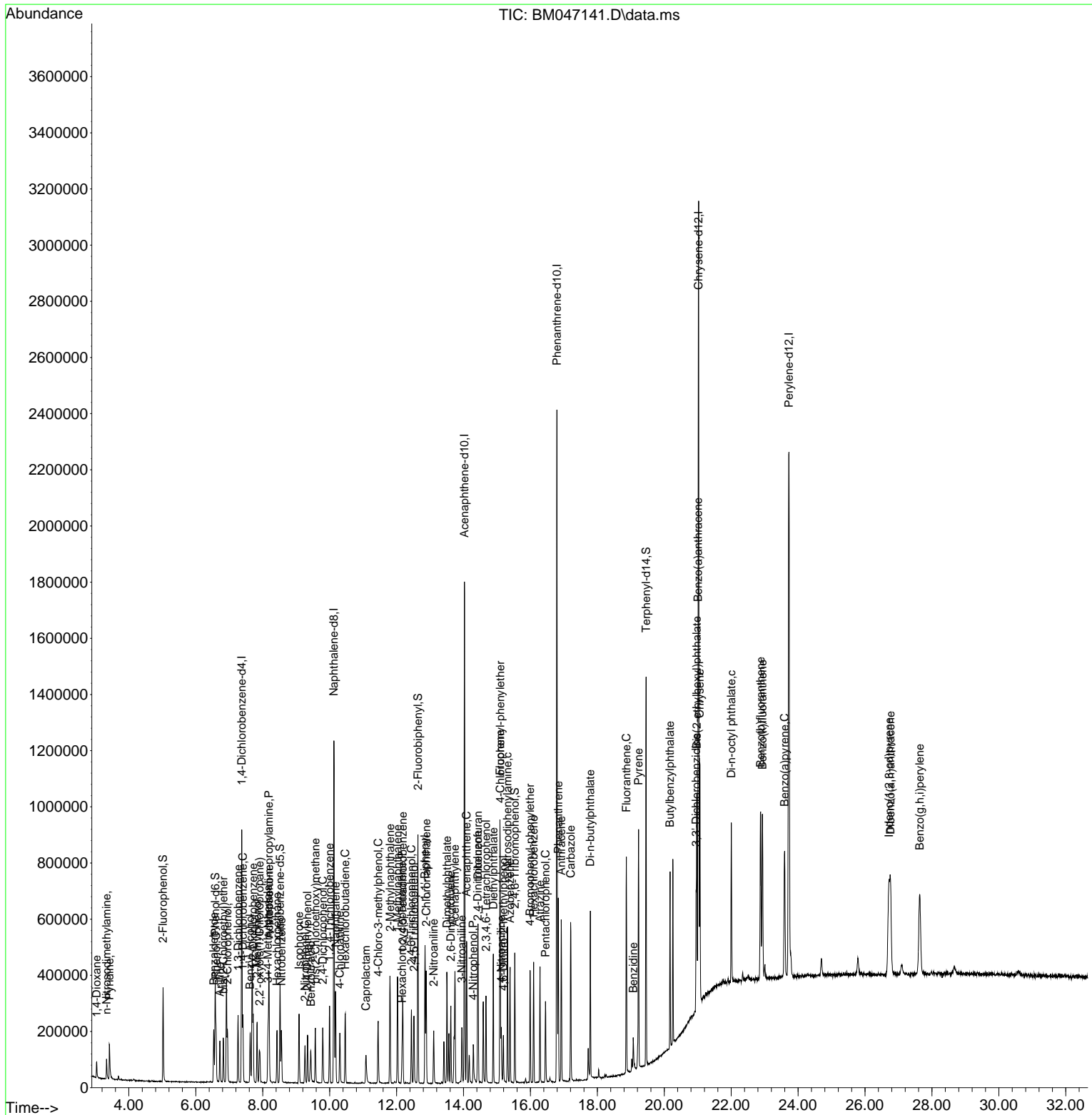
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.522	196	64621	4.765	ng	97
46) 1,1'-Biphenyl	12.851	154	242201	5.400	ng	98
47) 2-Chloronaphthalene	12.886	162	188590	5.380	ng	98
48) 2-Nitroaniline	13.110	65	50873	4.632	ng	91
49) Acenaphthylene	13.745	152	270677	5.238	ng	99
50) Dimethylphthalate	13.504	163	231786	5.268	ng	100
51) 2,6-Dinitrotoluene	13.621	165	49002	4.764	ng	96
52) Acenaphthene	14.092	154	175534	5.355	ng	99
53) 3-Nitroaniline	13.951	138	48787	4.734	ng	99
55) Dibenzofuran	14.433	168	281866	5.444	ng	99
56) 4-Nitrophenol	14.292	139	38873	4.374	ng	93
57) 2,4-Dinitrotoluene	14.421	165	63007	4.589	ng	88
58) Fluorene	15.092	166	231431	5.418	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.674	232	52488	4.710	ng	94
60) Diethylphthalate	14.892	149	236973	5.274	ng	99
61) 4-Chlorophenyl-phenyle...	15.098	204	107266	5.274	ng	98
62) 4-Nitroaniline	15.127	138	47275m	4.656	ng	
63) Azobenzene	15.392	77	229119	5.378	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	30637	3.916	ng	93
66) n-Nitrosodiphenylamine	15.315	169	190365	5.231	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	63559	4.937	ng	94
68) Hexachlorobenzene	16.098	284	78852	5.114	ng	98
69) Atrazine	16.286	200	60979	5.568	ng	98
70) Pentachlorophenol	16.451	266	47145	4.362	ng	97
71) Phenanthrene	16.833	178	363970	5.428	ng	99
72) Anthracene	16.921	178	342081	5.243	ng	99
73) Carbazole	17.204	167	357631	5.368	ng	99
74) Di-n-butylphthalate	17.792	149	392569	5.064	ng	98
75) Fluoranthene	18.868	202	432338	5.301	ng	98
77) Benzidine	19.074	184	73589	3.335	ng	96
78) Pyrene	19.233	202	473702	5.098	ng	99
80) Butylbenzylphthalate	20.174	149	166134	4.381	ng	97
81) Benzo(a)anthracene	21.009	228	452360	5.236	ng	98
82) 3,3'-Dichlorobenzidine	20.950	252	121454	4.493	ng	100
83) Chrysene	21.062	228	439298	5.360	ng	98
84) Bis(2-ethylhexyl)phtha...	20.974	149	250857	4.665	ng	99
85) Di-n-octyl phthalate	22.003	149	394399	4.315	ng	97
87) Indeno(1,2,3-cd)pyrene	26.715	276	522557	5.130	ng	99
88) Benzo(b)fluoranthene	22.880	252	465640	4.975	ng	99
89) Benzo(k)fluoranthene	22.933	252	469757	5.314	ng	99
90) Benzo(a)pyrene	23.597	252	399615	4.929	ng	98
91) Dibenzo(a,h)anthracene	26.762	278	431713	5.237	ng	98
92) Benzo(g,h,i)perylene	27.632	276	440920	5.151	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

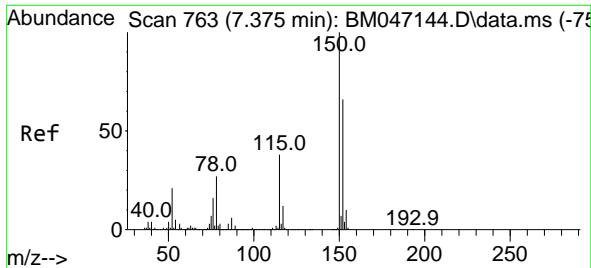
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Data File : BM047141.D
Acq On : 10 Aug 2024 13:52
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Aug 11 23:31:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:24:37 2024
Response via : Initial Calibration



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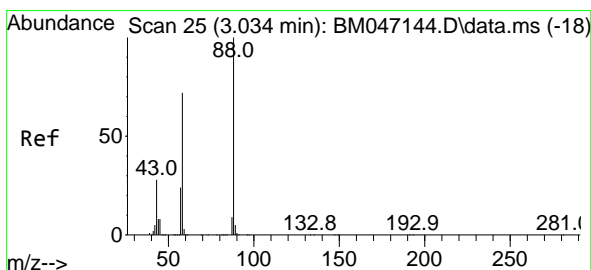
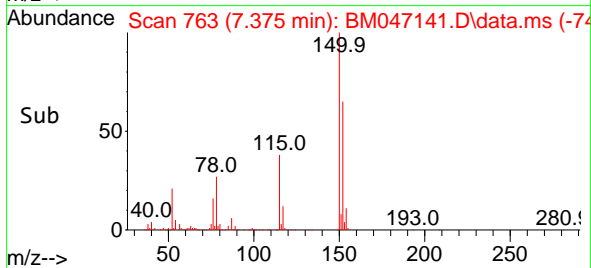
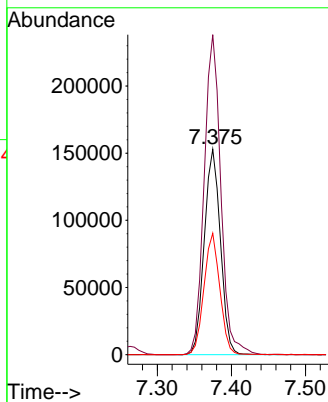
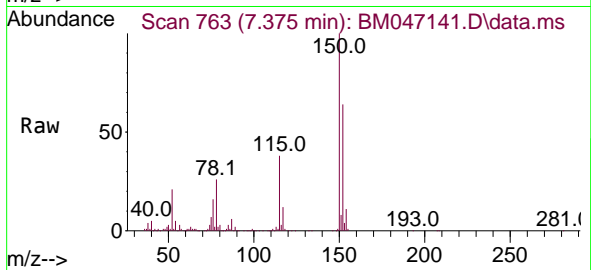


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.375 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tgt Ion:152 Resp: 231587

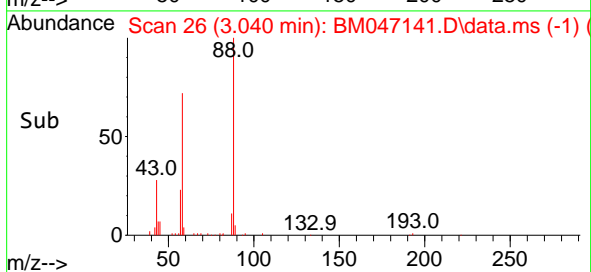
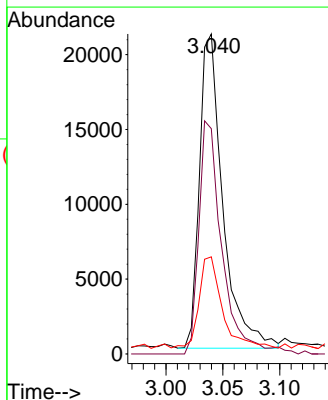
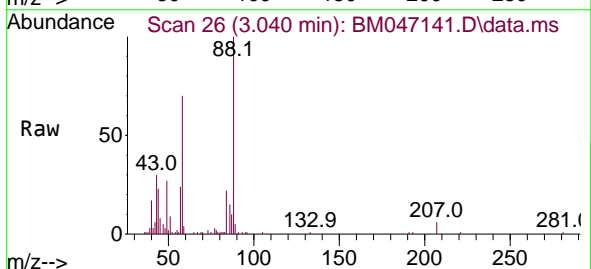
Ion	Ratio	Lower	Upper
152	100		
150	155.8	120.5	180.7
115	59.1	45.5	68.3

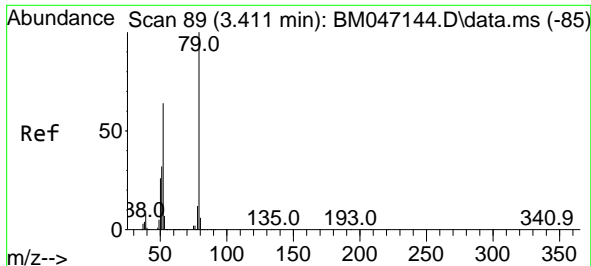


#2
 1,4-Dioxane
 Concen: 5.592 ng
 RT: 3.040 min Scan# 26
 Delta R.T. 0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion: 88 Resp: 30031

Ion	Ratio	Lower	Upper
88	100		
58	73.4	58.2	87.4
43	28.6	22.5	33.7

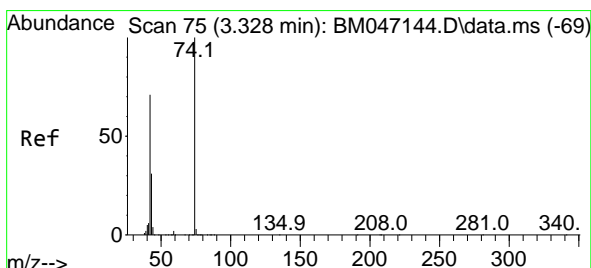
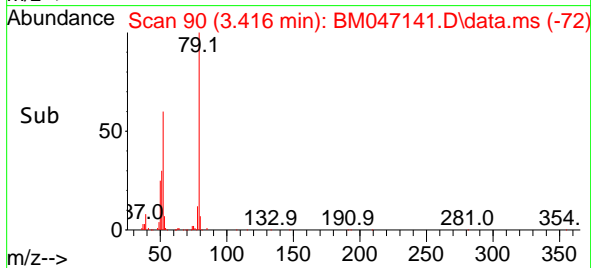
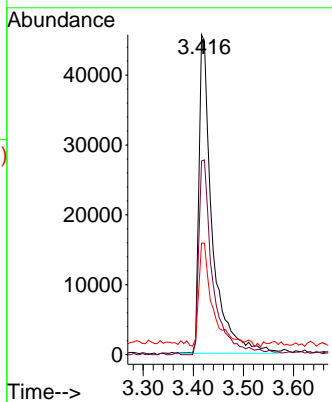
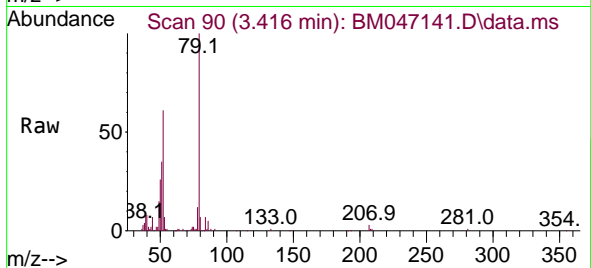




#3
 Pyridine
 Concen: 5.327 ng
 RT: 3.416 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

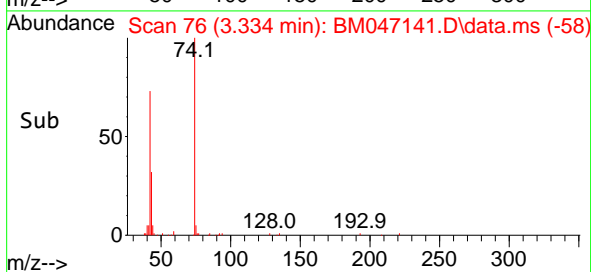
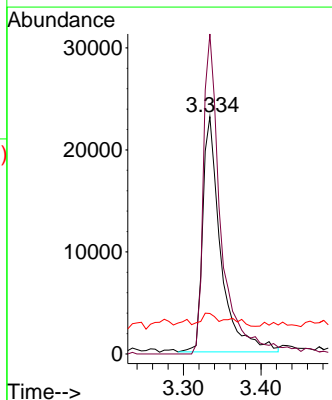
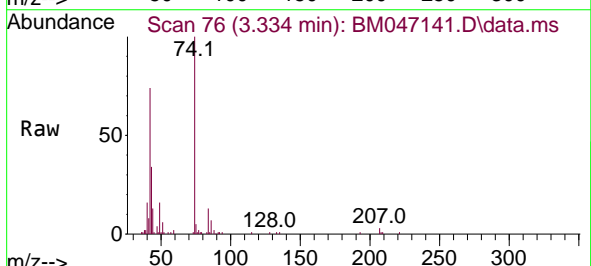
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

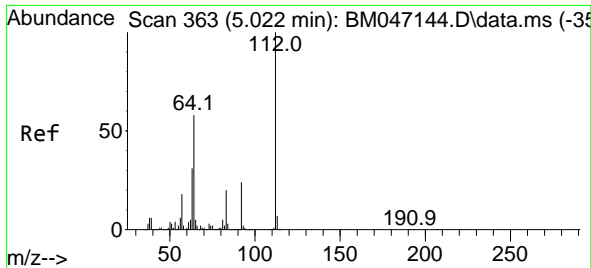
Tgt Ion	Resp	Lower	Upper
79	100		
52	60.5	51.2	76.8
51	34.9	26.1	39.1



#4
 n-Nitrosodimethylamine
 Concen: 5.410 ng
 RT: 3.334 min Scan# 76
 Delta R.T. 0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion	Resp	Lower	Upper
42	100		
74	134.9	112.9	169.3
44	17.0	5.3	7.9

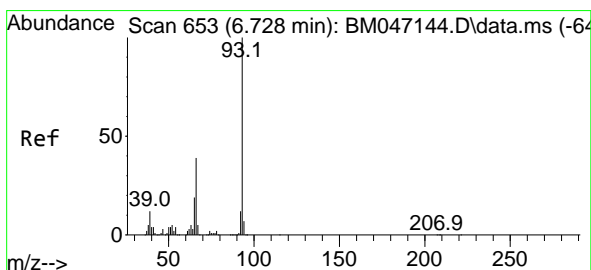
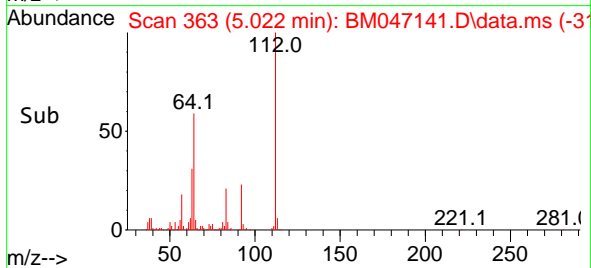
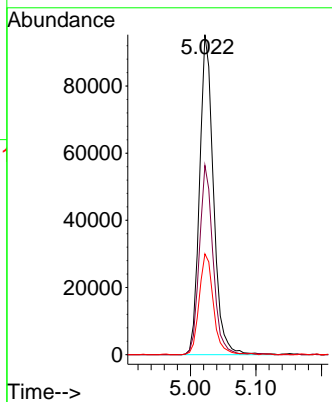
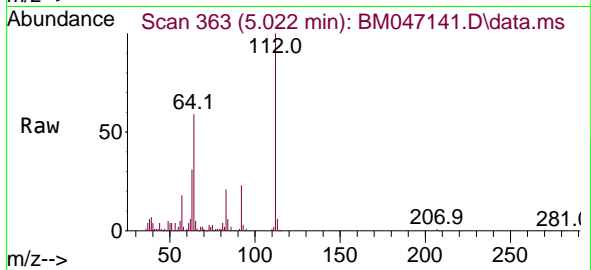




#5
 2-Fluorophenol
 Concen: 10.853 ng
 RT: 5.022 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

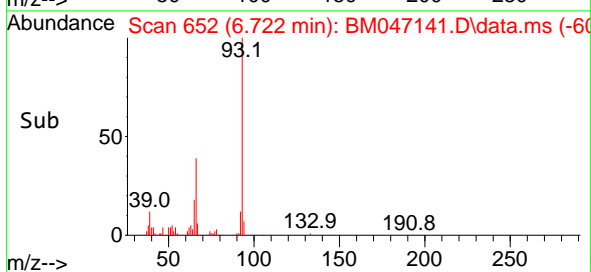
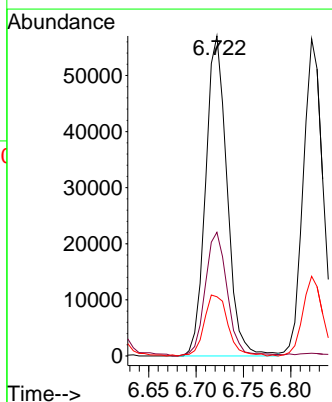
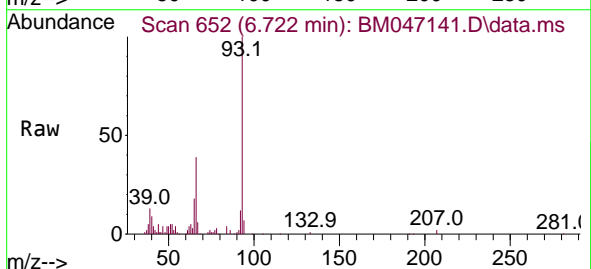
Instrument : BNA_M
 ClientSampleId : SSTDICC005

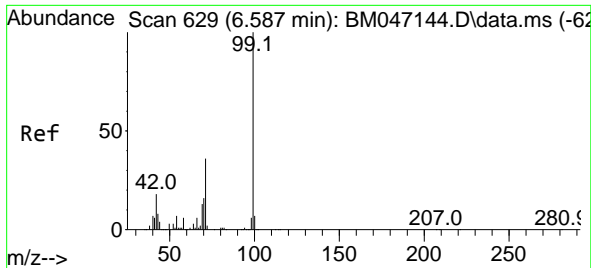
Tgt Ion	Resp	Lower	Upper
112	140661		
64	59.1	46.7	70.1
63	31.5	24.8	37.2



#6
 Aniline
 Concen: 5.303 ng
 RT: 6.722 min Scan# 652
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion	Resp	Lower	Upper
93	89509		
66	38.6	31.4	47.2
65	18.5	15.6	23.4

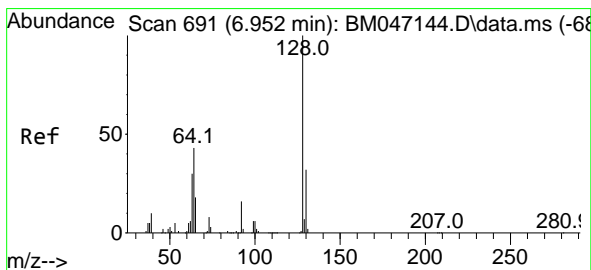
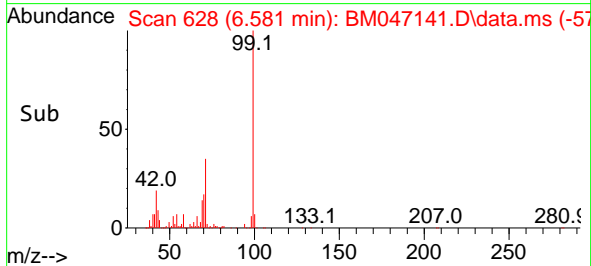
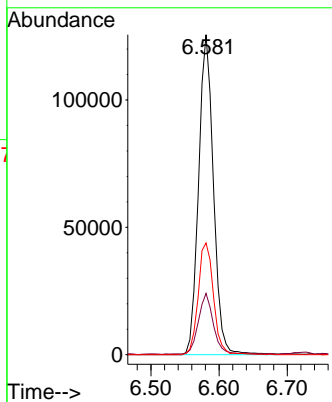
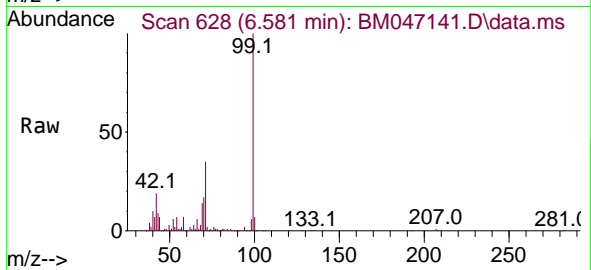




#7
Phenol-d6
Concen: 10.654 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047141.D
Acq: 10 Aug 2024 13:52

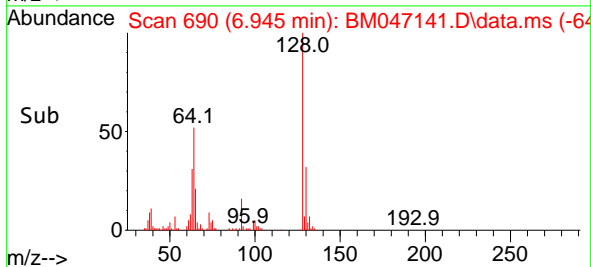
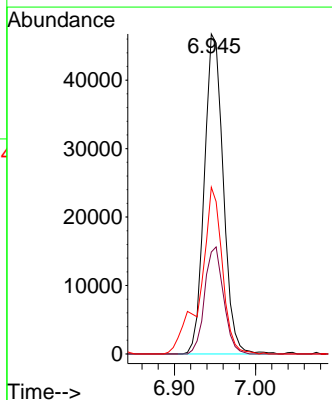
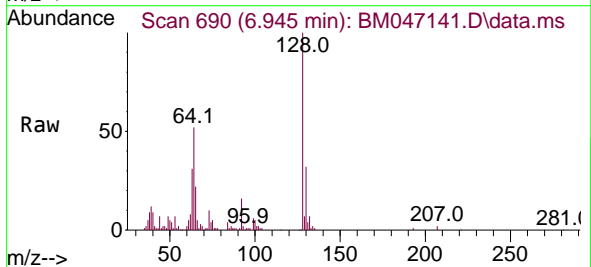
Instrument : BNA_M
Client Sample Id : SSTDICC005

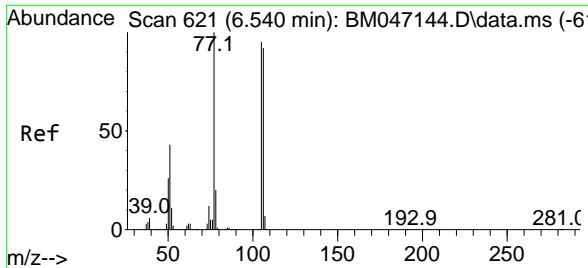
Tgt Ion	Resp	Ion Ratio	Lower	Upper
99	190264	100		
42	19.1	14.1	21.1	
71	34.9	28.5	42.7	



#8
2-Chlorophenol
Concen: 5.350 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047141.D
Acq: 10 Aug 2024 13:52

Tgt Ion	Resp	Ion Ratio	Lower	Upper
128	75622	100		
130	31.8	12.1	52.1	
64	52.1	26.6	66.6	



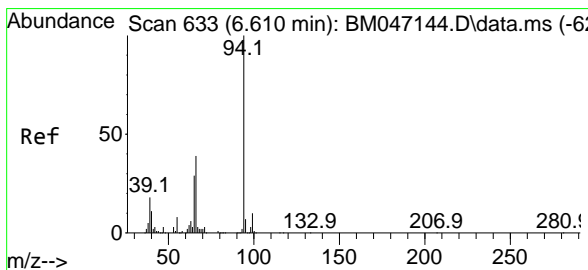
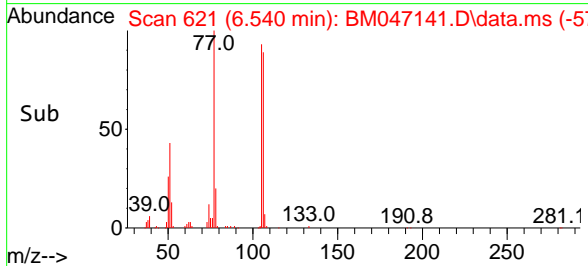
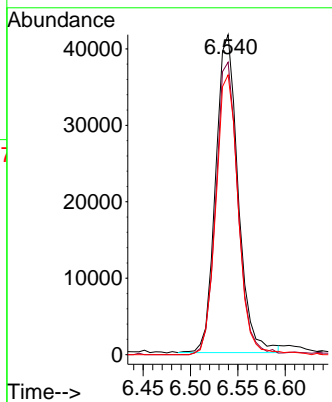
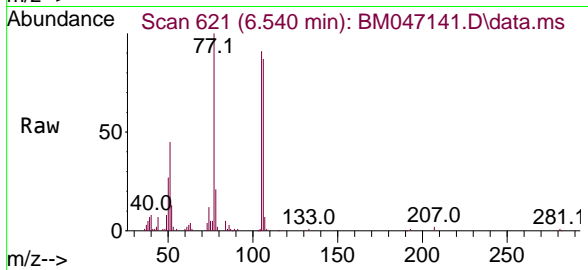


#9
Benzaldehyde
Concen: 5.019 ng
RT: 6.540 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047141.D
Acq: 10 Aug 2024 13:52

Instrument : BNA_M
Client Sample Id : SSTDICC005

Tgt Ion: 77 Resp: 68748

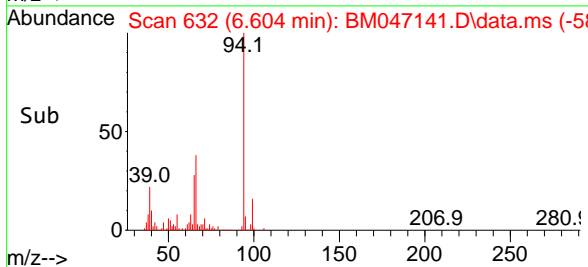
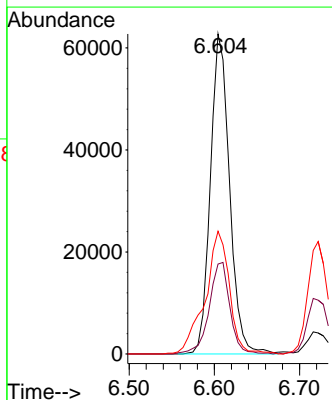
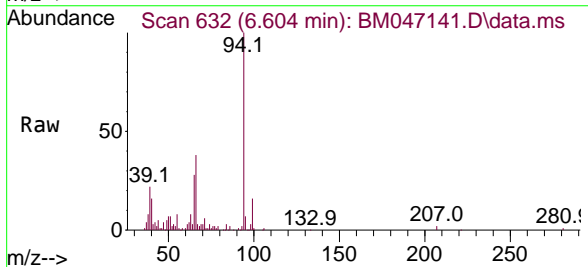
Ion	Ratio	Lower	Upper
77	100		
105	91.4	74.5	114.5
106	87.4	72.3	112.3

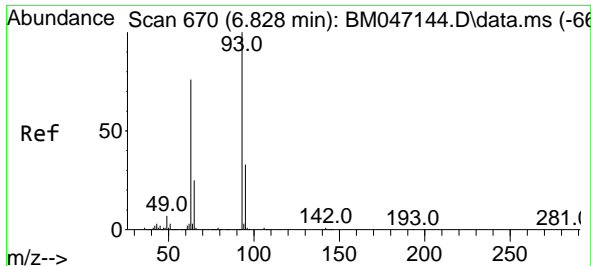


#10
Phenol
Concen: 5.506 ng
RT: 6.604 min Scan# 632
Delta R.T. -0.006 min
Lab File: BM047141.D
Acq: 10 Aug 2024 13:52

Tgt Ion: 94 Resp: 98125

Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.0	49.0
66	38.3	18.9	58.9





#11
 bis(2-Chloroethyl)ether
 Concen: 5.430 ng
 RT: 6.822 min Scan# 669
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :

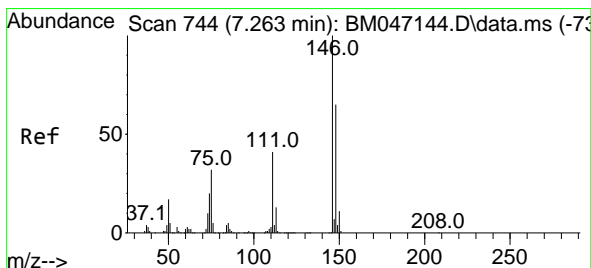
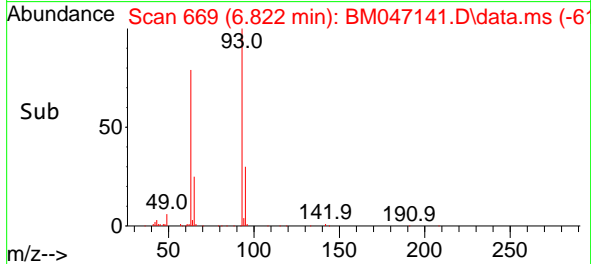
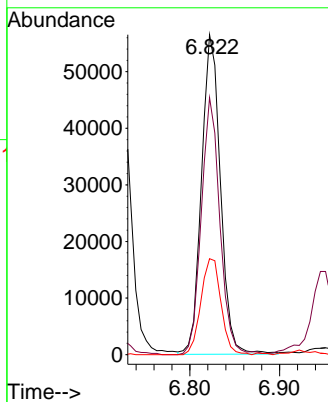
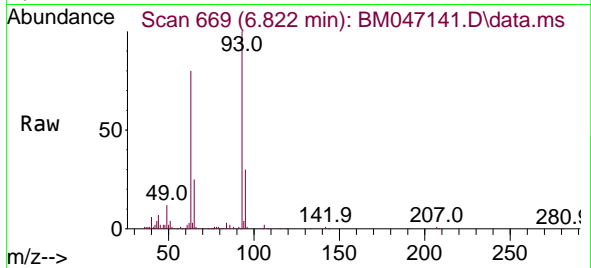
BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion: 93 Resp: 82870

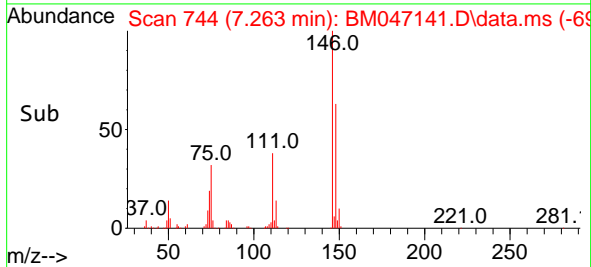
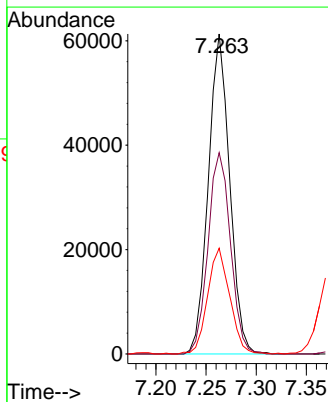
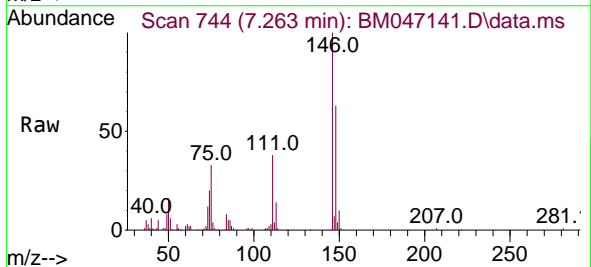
Ion	Ratio	Lower	Upper
93	100		
63	80.3	55.8	95.8
95	30.0	12.7	52.7

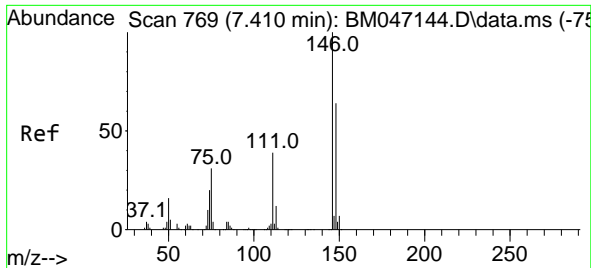


#12
 1,3-Dichlorobenzene
 Concen: 5.401 ng
 RT: 7.263 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion: 146 Resp: 90719

Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.3	78.5
75	33.0	25.8	38.6

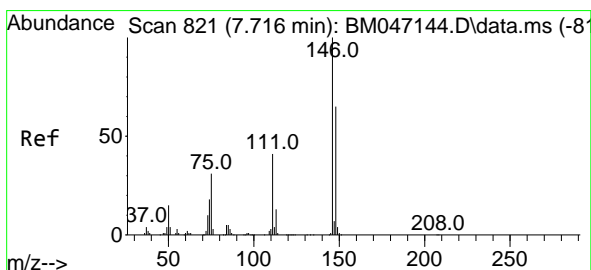
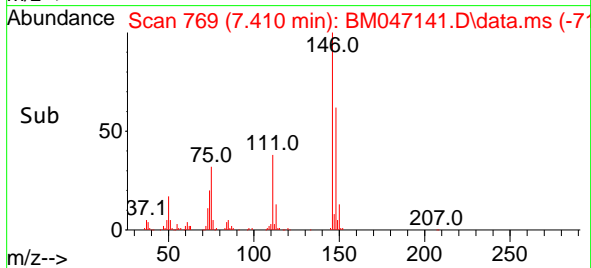
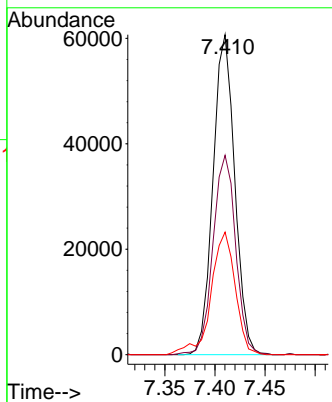
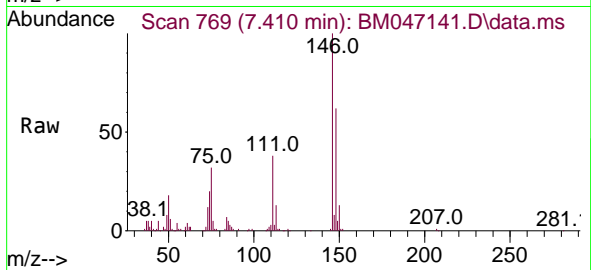




#13
1,4-Dichlorobenzene
Concen: 5.381 ng
RT: 7.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: BM047141.D
Acq: 10 Aug 2024 13:52

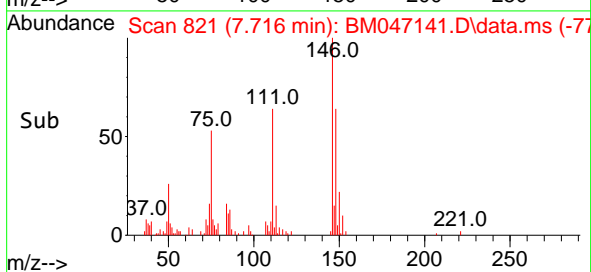
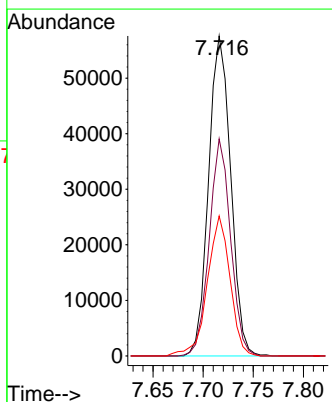
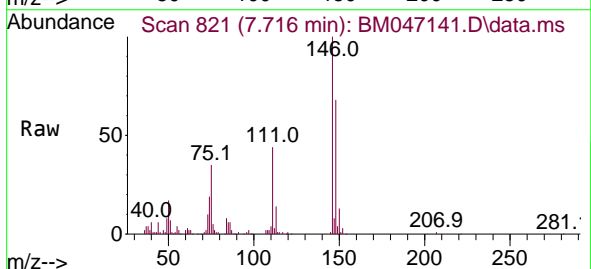
Instrument : BNA_M
ClientSampleId : SSTDICC005

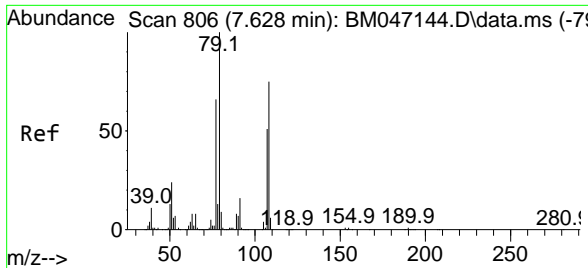
Tgt Ion	Resp	Lower	Upper
146	91512		
148	62.3	51.4	77.2
111	38.3	31.5	47.3



#14
1,2-Dichlorobenzene
Concen: 5.506 ng
RT: 7.716 min Scan# 821
Delta R.T. -0.000 min
Lab File: BM047141.D
Acq: 10 Aug 2024 13:52

Tgt Ion	Resp	Lower	Upper
146	88355		
148	67.9	51.8	77.8
111	43.7	33.3	49.9

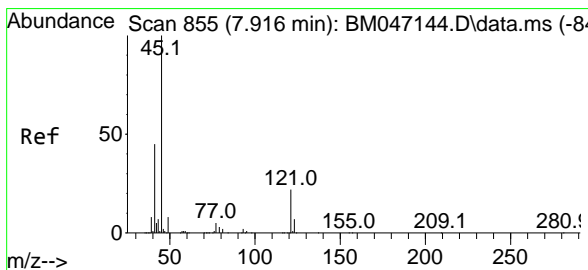
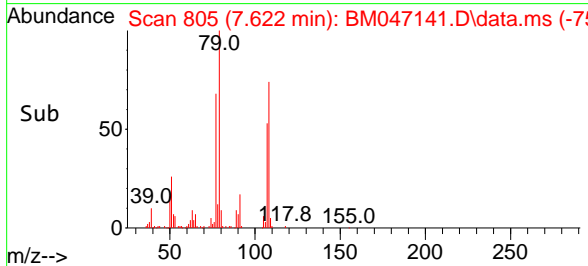
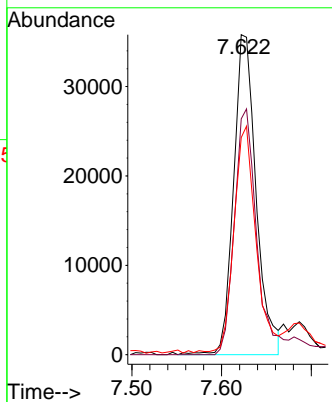
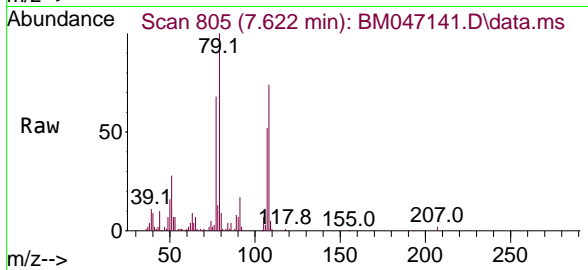




#15
 Benzyl Alcohol
 Concen: 4.932 ng
 RT: 7.622 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

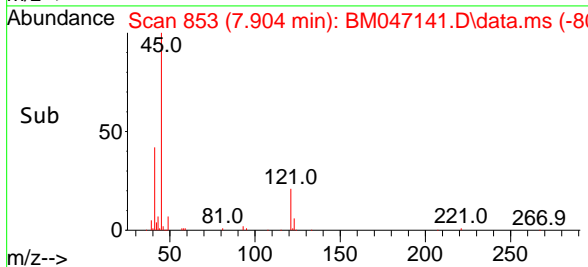
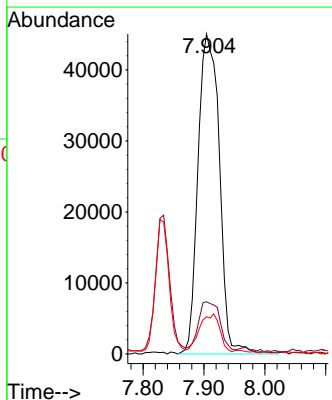
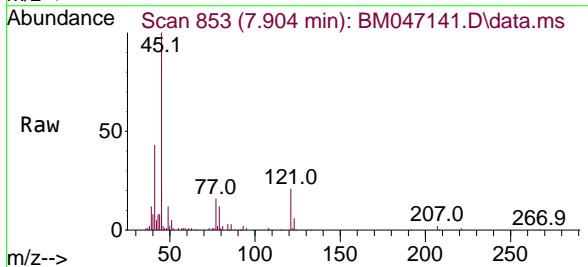
Instrument : BNA_M
 Client Sample Id : BM047141.D
 SSTDICC005

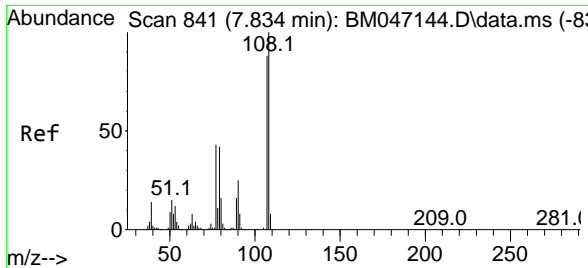
Tgt Ion	Resp	Lower	Upper
79	100		
108	73.7	59.7	89.5
77	67.9	52.9	79.3



#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 5.622 ng
 RT: 7.904 min Scan# 853
 Delta R.T. -0.012 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

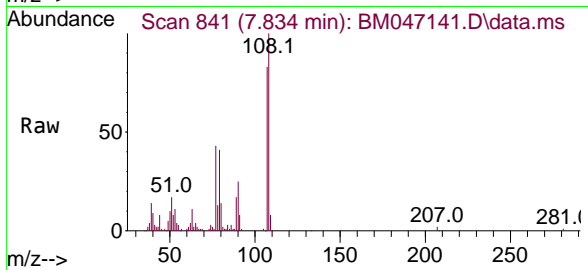
Tgt Ion	Resp	Lower	Upper
45	100		
77	16.3	0.0	35.6
79	11.6	0.0	32.4



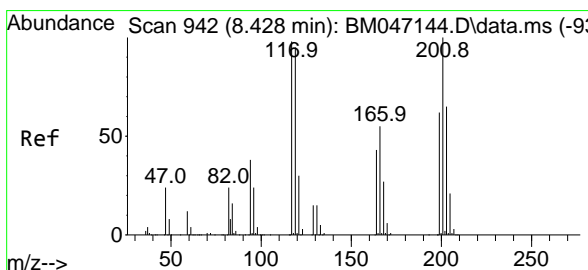
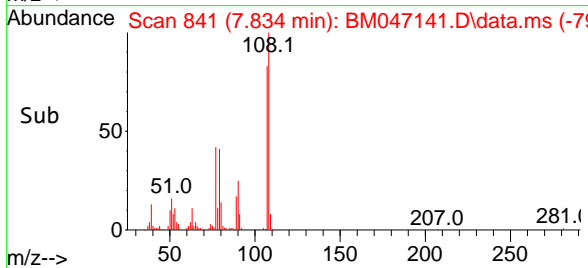
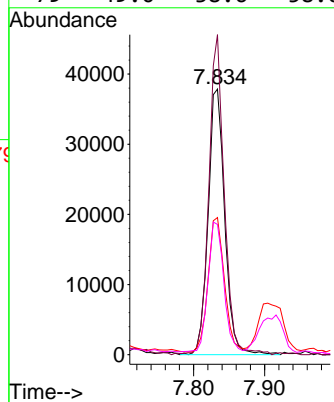


#17
 2-Methylphenol
 Concen: 5.183 ng
 RT: 7.834 min Scan# 841
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

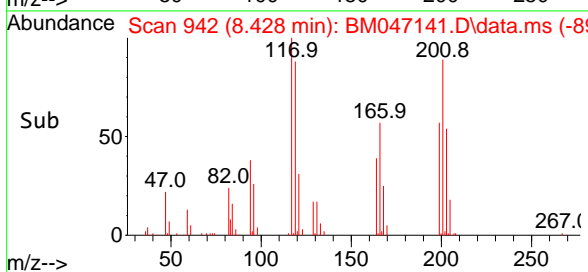
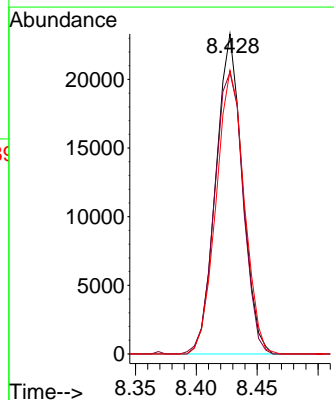
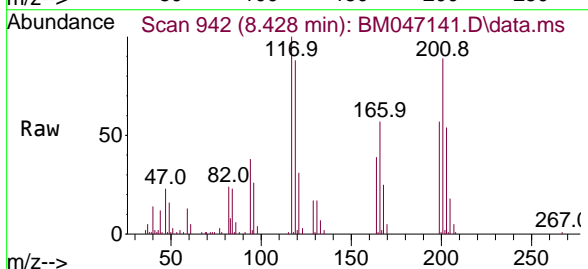


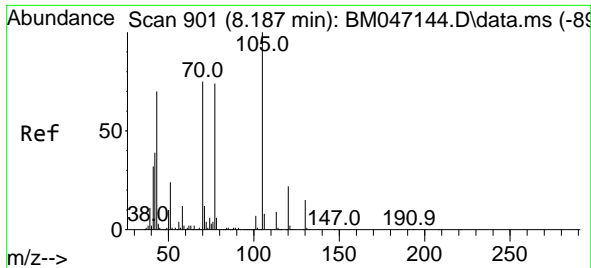
Tgt Ion	Resp	Lower	Upper
107	100		
108	120.5	90.6	135.8
77	51.6	39.3	58.9
79	49.0	38.6	58.0



#18
 Hexachloroethane
 Concen: 5.350 ng
 RT: 8.428 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion	Resp	Lower	Upper
117	100		
119	88.0	77.0	115.4
201	88.6	81.3	121.9





#19
 n-Nitroso-di-n-propylamine
 Concen: 5.628 ng
 RT: 8.181 min Scan# 900
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :

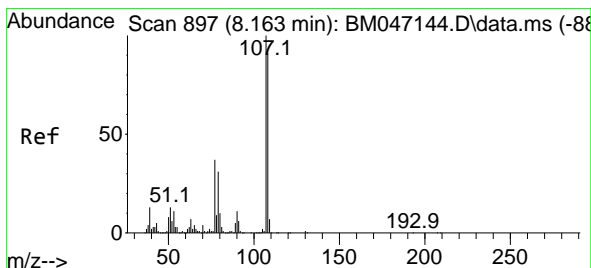
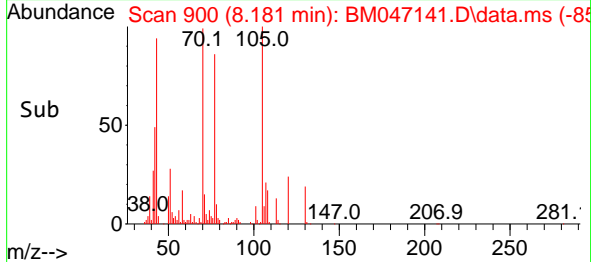
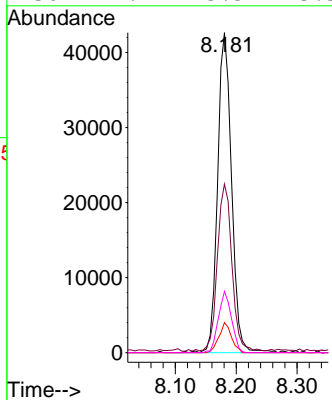
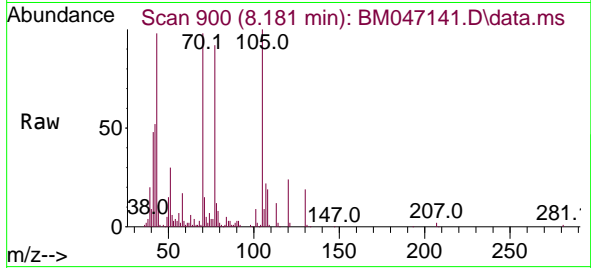
BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 67704

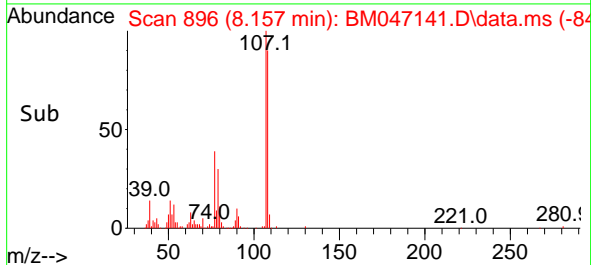
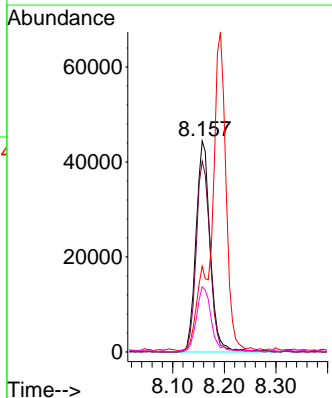
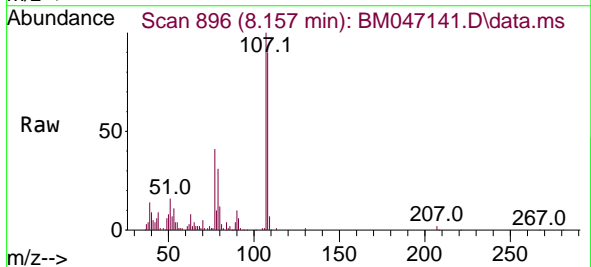
Ion	Ratio	Lower	Upper
70	100		
42	52.7	42.0	63.0
101	9.4	7.2	10.8
130	19.1	15.5	23.3

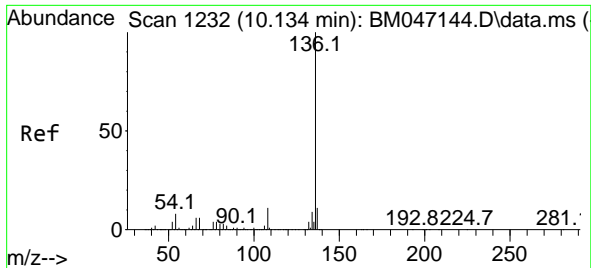


#20
 3+4-Methylphenols
 Concen: 5.094 ng
 RT: 8.157 min Scan# 896
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion: 107 Resp: 84662

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.7	110.7
77	40.6	17.4	57.4
79	30.9	10.9	50.9





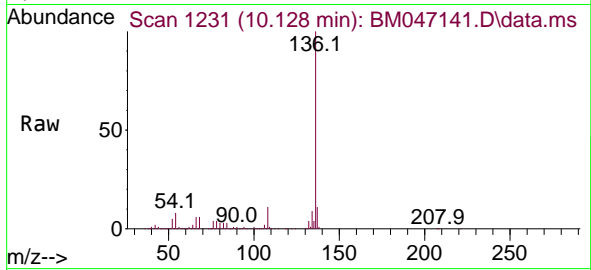
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.128 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :

BNA_M

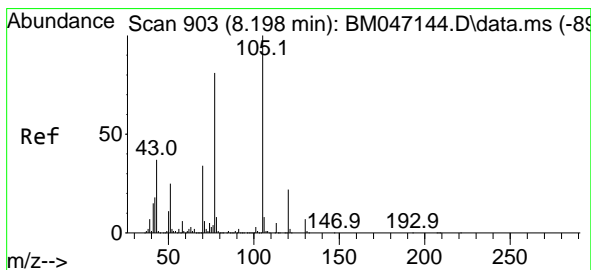
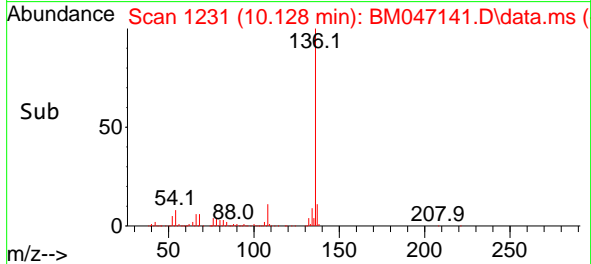
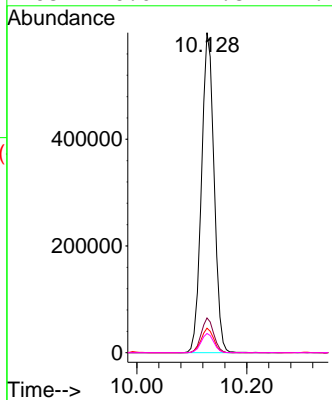
ClientSampleId :

SSTDICC005



Tgt Ion:136 Resp: 953129

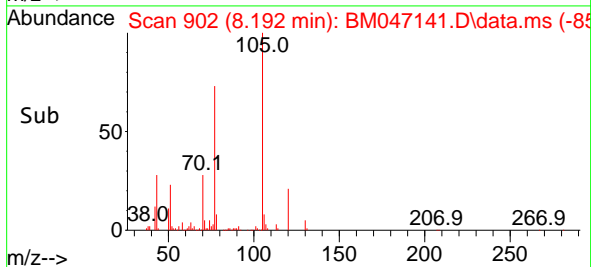
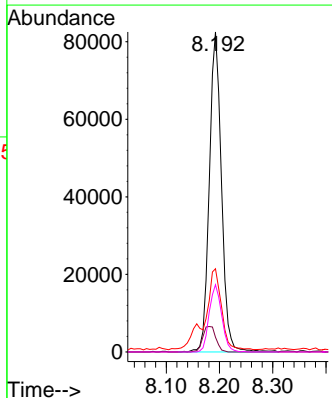
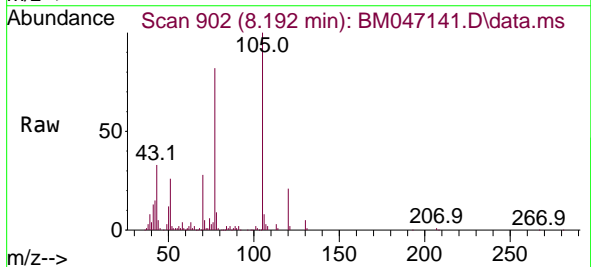
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	6.0	9.0
68	6.0	4.8	7.2

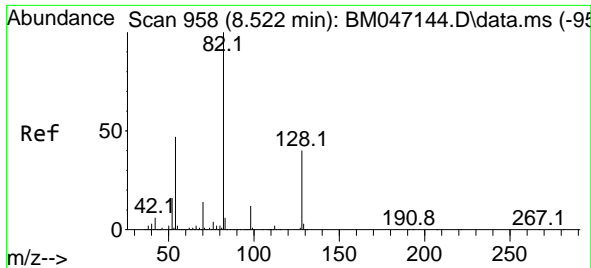


#22
 Acetophenone
 Concen: 5.665 ng
 RT: 8.192 min Scan# 902
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:105 Resp: 130329

Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.5	6.7
51	26.0	20.1	30.1
120	21.0	17.8	26.6

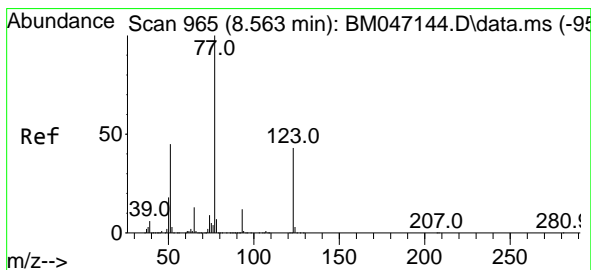
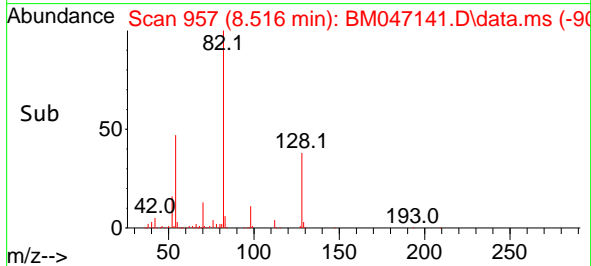
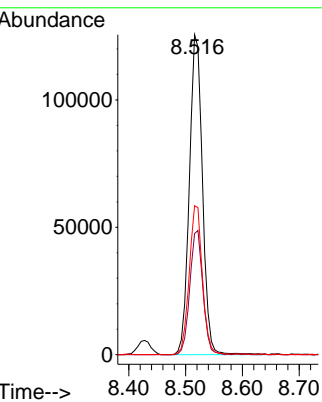
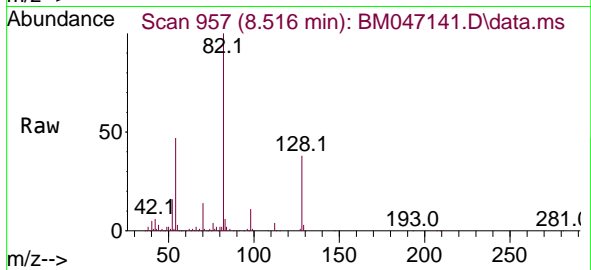




#23
 Nitrobenzene-d5
 Concen: 10.658 ng
 RT: 8.516 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

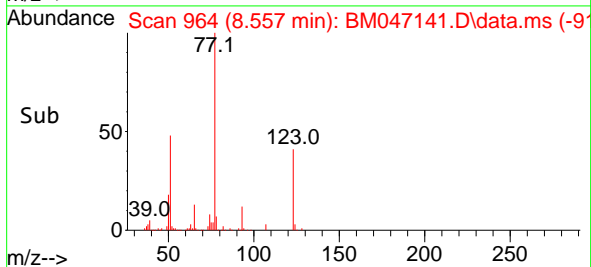
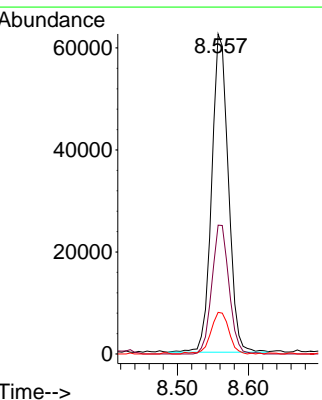
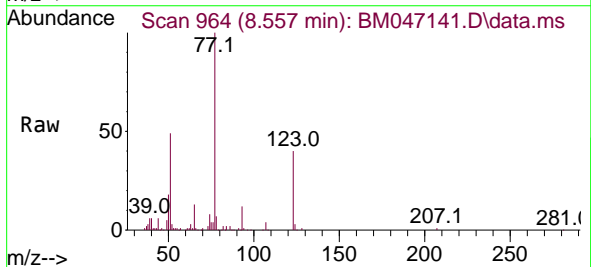
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

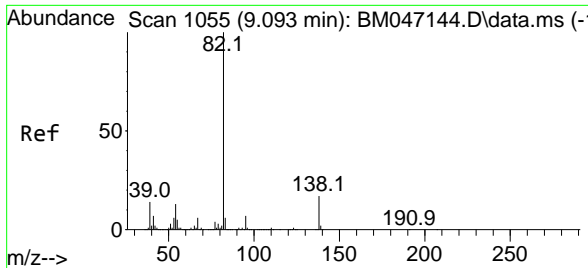
Tgt Ion	Resp	Lower	Upper
82	201738		
128	37.9	32.3	48.5
54	46.5	37.4	56.2



#24
 Nitrobenzene
 Concen: 5.314 ng
 RT: 8.557 min Scan# 964
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion	Resp	Lower	Upper
77	101289		
123	40.2	34.0	51.0
65	13.0	10.5	15.7





#25
 Isophorone
 Concen: 5.150 ng
 RT: 9.086 min Scan# 1054
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :

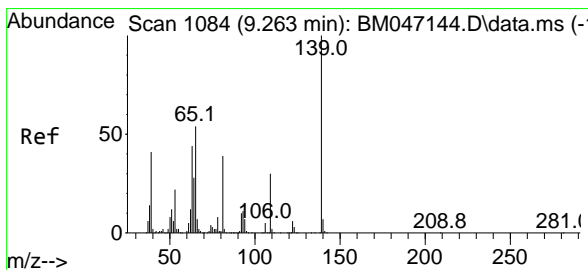
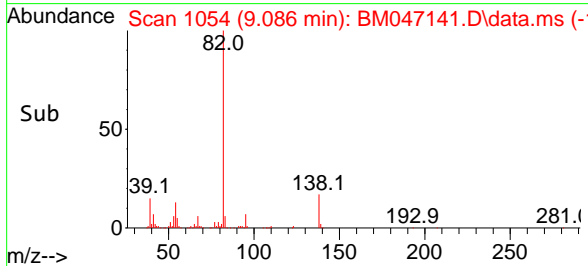
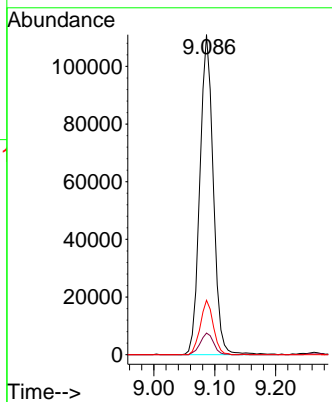
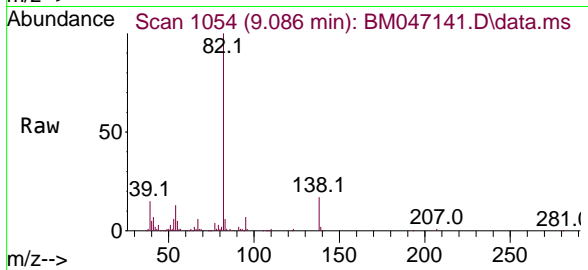
BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 169727

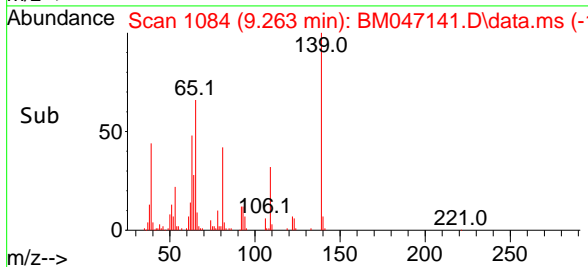
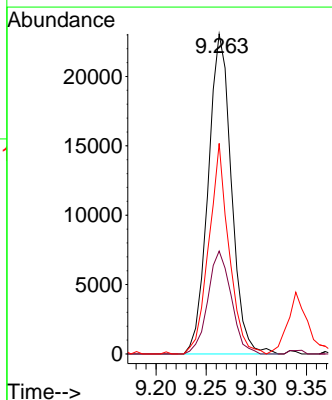
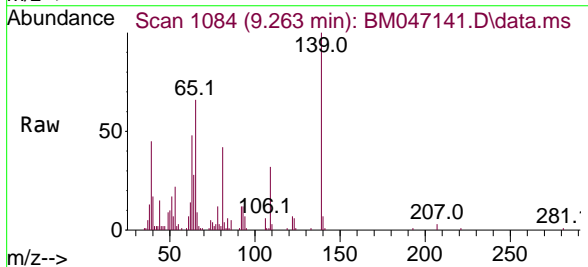
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	17.0	13.5	20.3

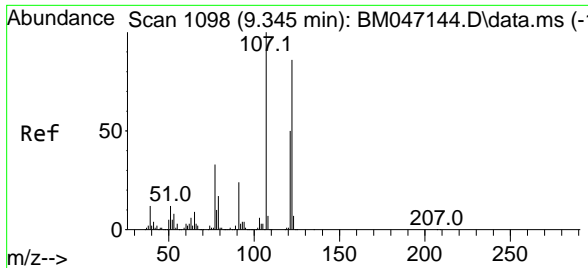


#26
 2-Nitrophenol
 Concen: 4.410 ng
 RT: 9.263 min Scan# 1084
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion: 139 Resp: 37222

Ion	Ratio	Lower	Upper
139	100		
109	32.1	24.4	36.6
65	65.8	43.0	64.6#





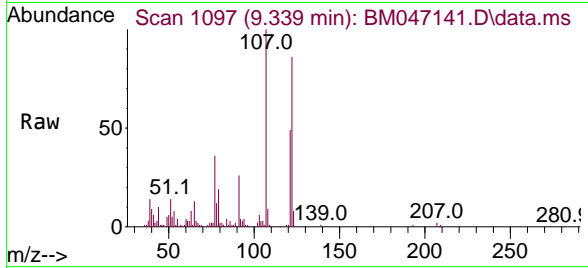
#27
 2,4-Dimethylphenol
 Concen: 4.808 ng
 RT: 9.339 min Scan# 1097
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :

BNA_M

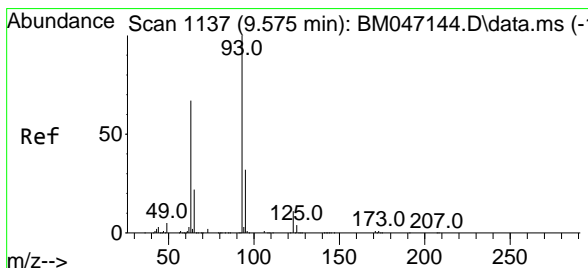
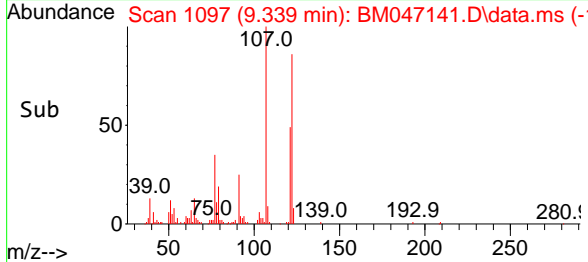
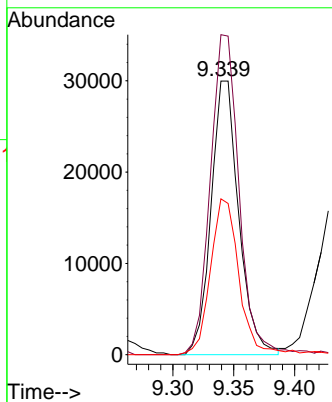
ClientSampleId :

SSTDICC005



Tgt Ion:122 Resp: 47540

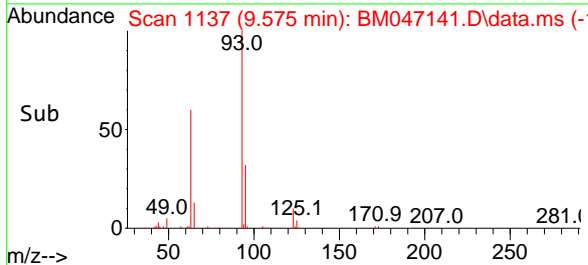
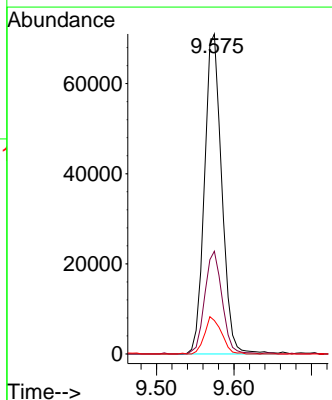
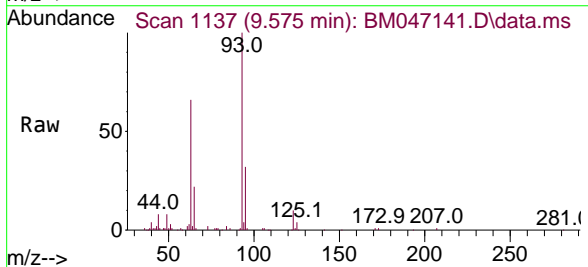
Ion	Ratio	Lower	Upper
122	100		
107	116.9	92.8	139.2
121	57.0	46.1	69.1

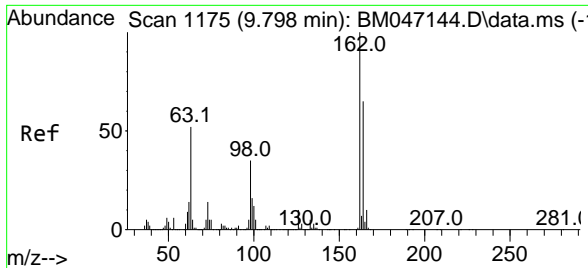


#28
 bis(2-Chloroethoxy)methane
 Concen: 5.298 ng
 RT: 9.575 min Scan# 1137
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion: 93 Resp: 109875

Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.8
123	10.5	9.0	13.4





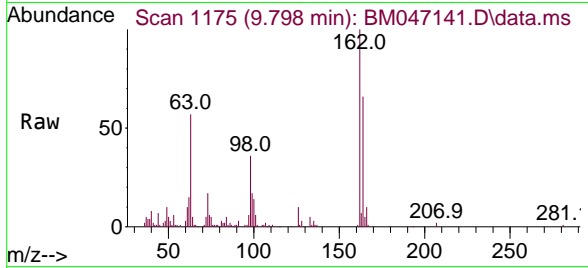
#29
 2,4-Dichlorophenol
 Concen: 4.700 ng
 RT: 9.798 min Scan# 1175
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :

BNA_M

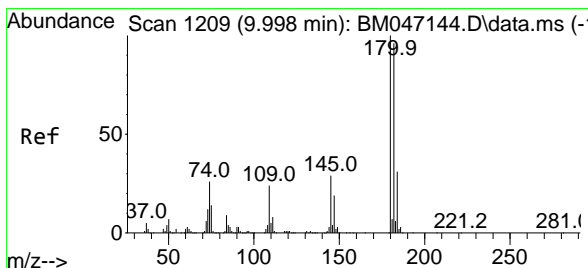
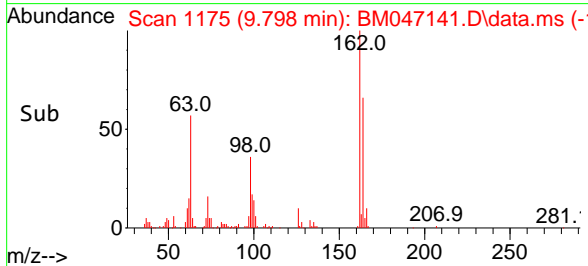
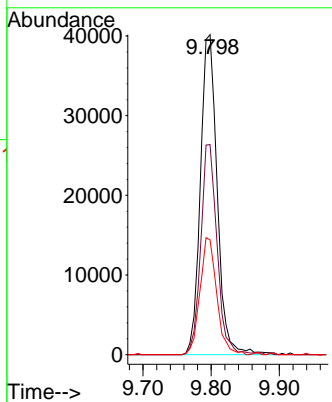
ClientSampleId :

SSTDICC005



Tgt Ion:162 Resp: 68962

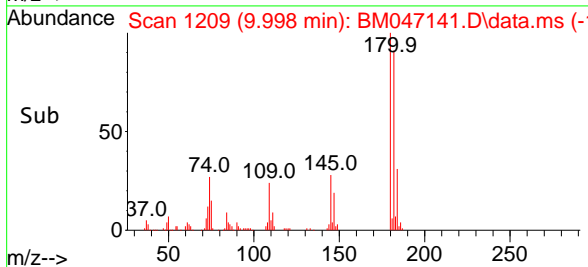
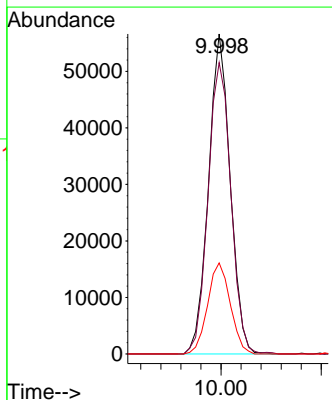
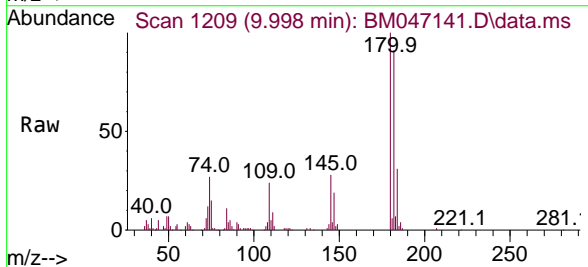
Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.7	84.7
98	35.9	14.9	54.9

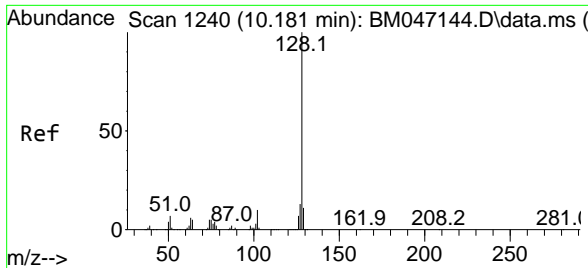


#30
 1,2,4-Trichlorobenzene
 Concen: 5.129 ng
 RT: 9.998 min Scan# 1209
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:180 Resp: 85165

Ion	Ratio	Lower	Upper
180	100		
182	91.0	76.6	115.0
145	28.4	23.4	35.2



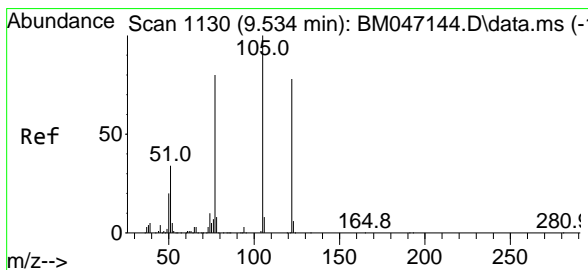
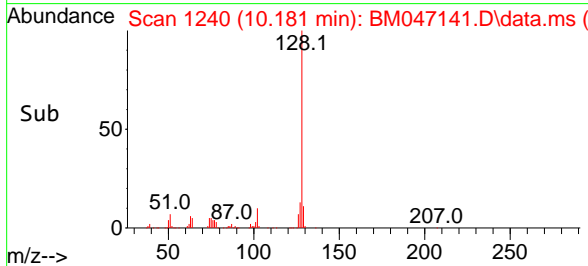
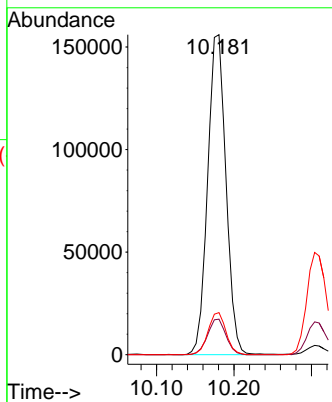
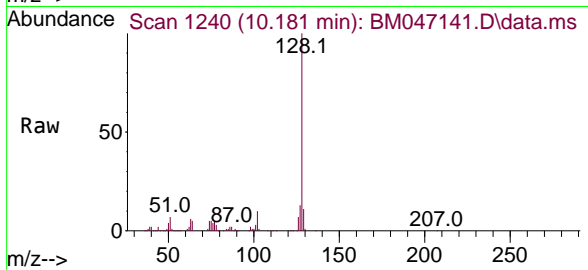


#31
 Naphthalene
 Concen: 5.395 ng
 RT: 10.181 min Scan# 1114
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument : BNA_M
 ClientSampleId : SSTDICC005

Tgt Ion:128 Resp: 256168

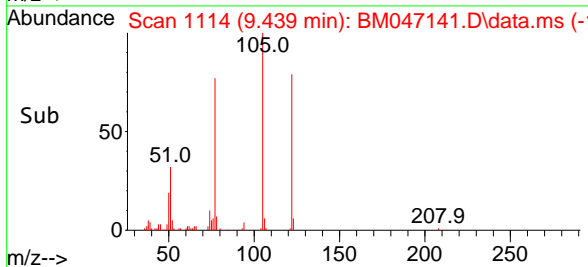
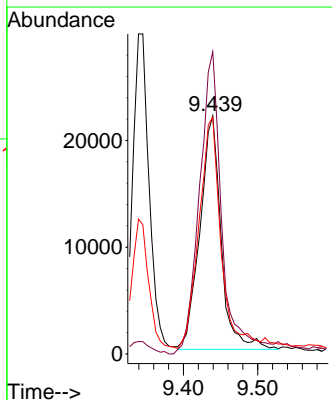
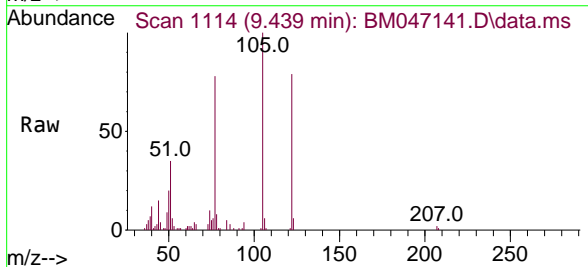
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.2	10.2	15.4

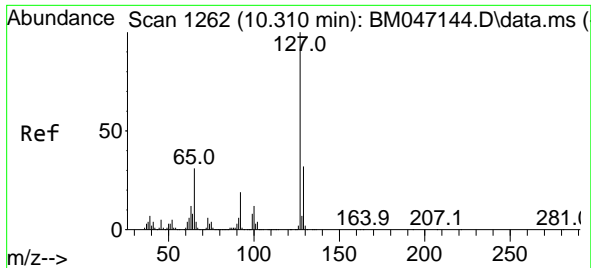


#32
 Benzoic acid
 Concen: 3.753 ng m
 RT: 9.439 min Scan# 1114
 Delta R.T. -0.094 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:122 Resp: 43353

Ion	Ratio	Lower	Upper
122	100		
105	127.0	107.1	147.1
77	99.5	82.1	122.1





#33
 4-Chloroaniline
 Concen: 4.983 ng
 RT: 10.304 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :

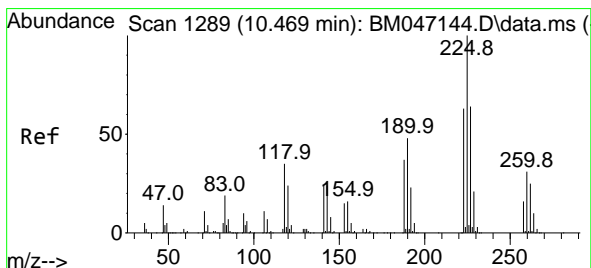
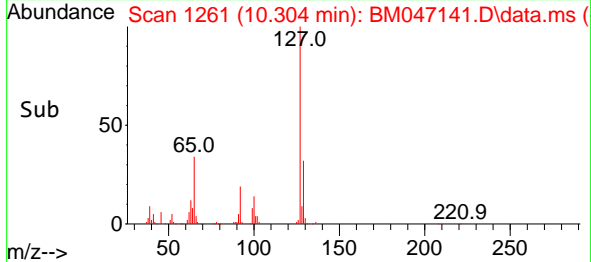
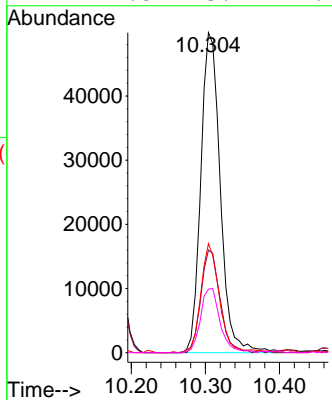
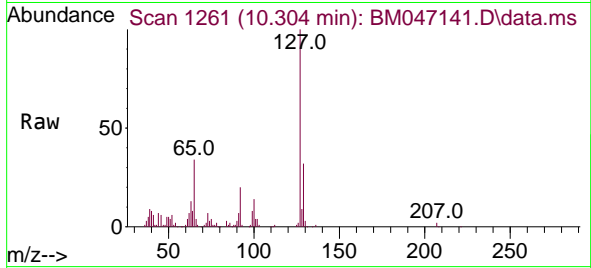
BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion:127 Resp: 90992

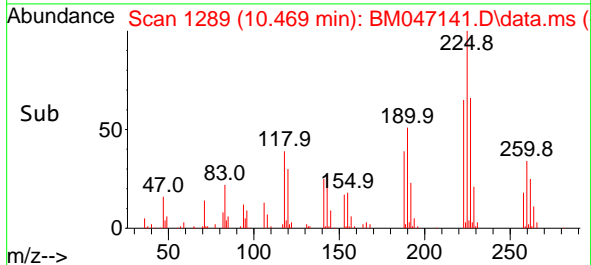
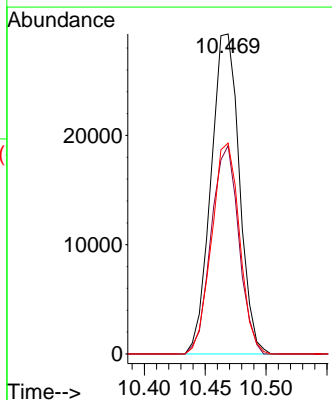
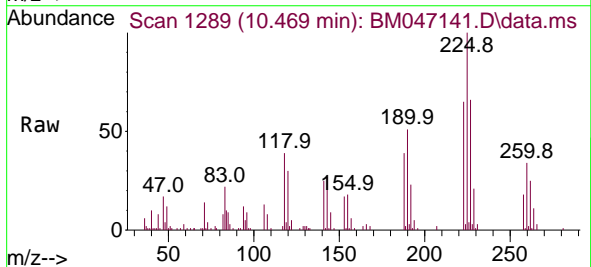
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	34.1	24.9	37.3
92	19.8	15.1	22.7

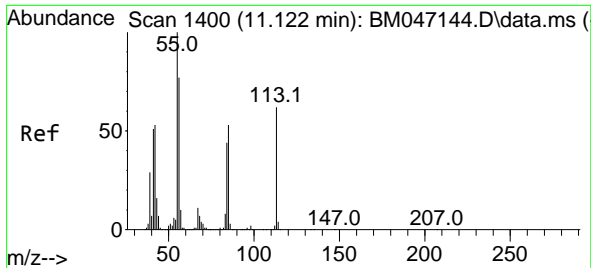


#34
 Hexachlorobutadiene
 Concen: 4.878 ng
 RT: 10.469 min Scan# 1289
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:225 Resp: 47407

Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.2	75.2
227	65.9	51.4	77.0

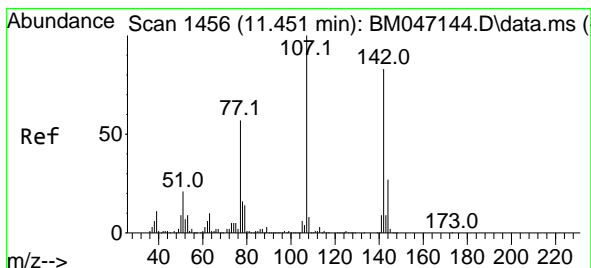
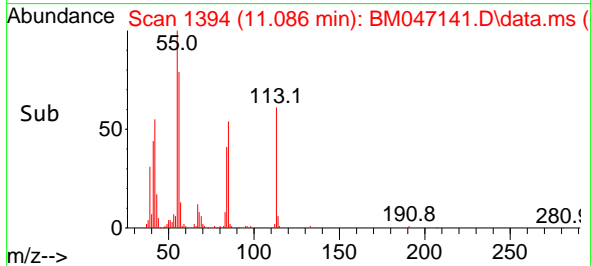
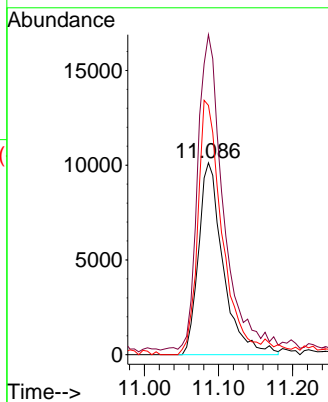
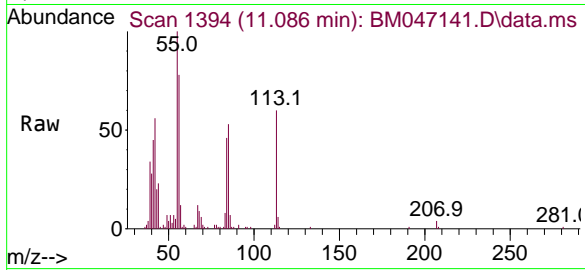




#35
 Caprolactam
 Concen: 4.576 ng
 RT: 11.086 min Scan# 1111
 Delta R.T. -0.035 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

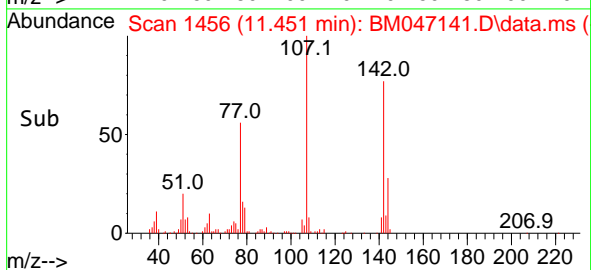
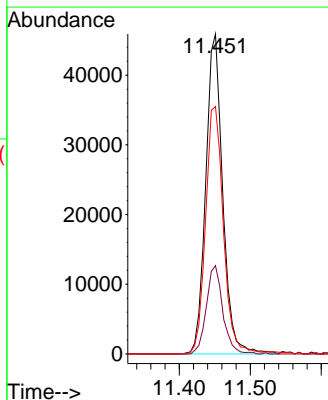
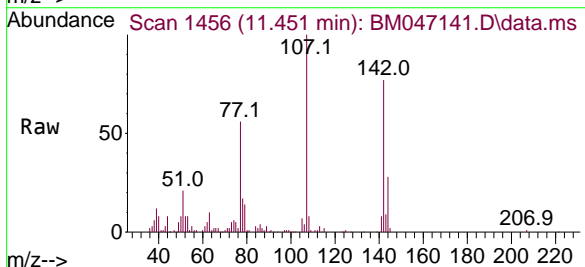
Instrument : BNA_M
 Client Sample Id : BM047141.D
 SSTDICC005

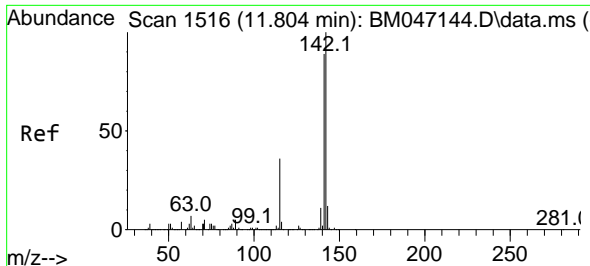
Tgt Ion	Resp	Lower	Upper
113	23316	100	100
55	166.8	140.5	180.5
56	130.0	103.6	143.6



#36
 4-Chloro-3-methylphenol
 Concen: 4.882 ng
 RT: 11.451 min Scan# 1456
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion	Resp	Lower	Upper
107	76286	100	100
144	27.6	21.8	32.6
142	77.3	66.8	100.2



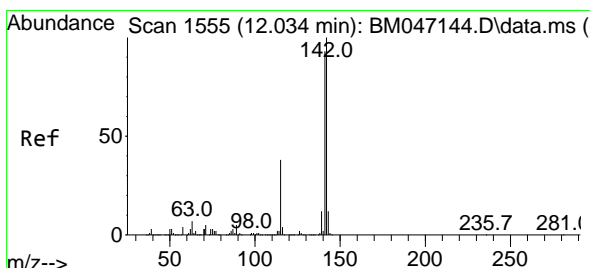
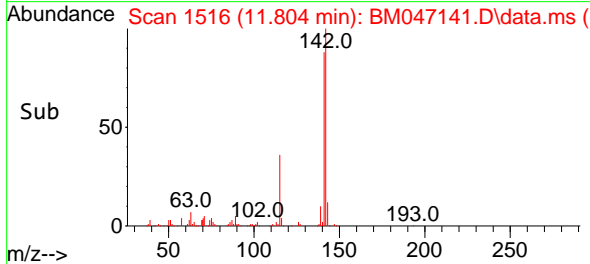
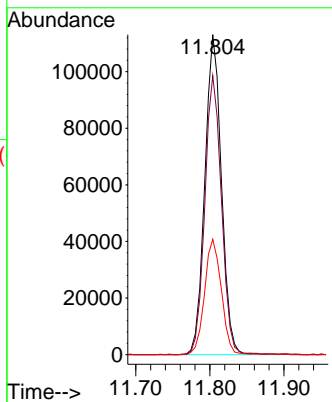
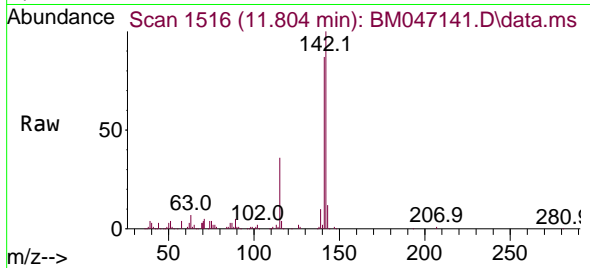


#37
 2-Methylnaphthalene
 Concen: 5.220 ng
 RT: 11.804 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument : BNA_M
 ClientSampleId : SSTDICC005

Tgt Ion:142 Resp: 176480

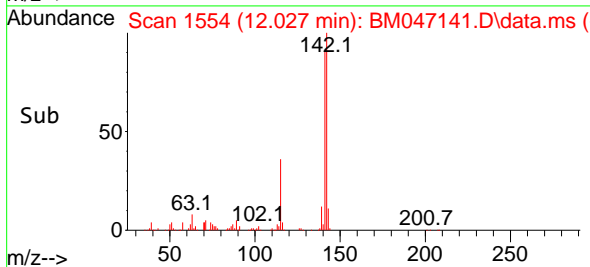
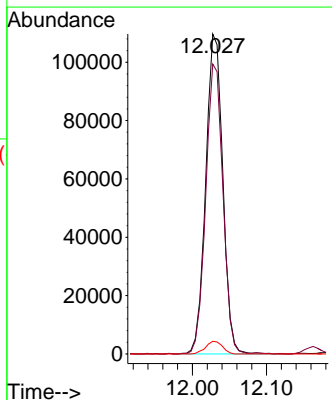
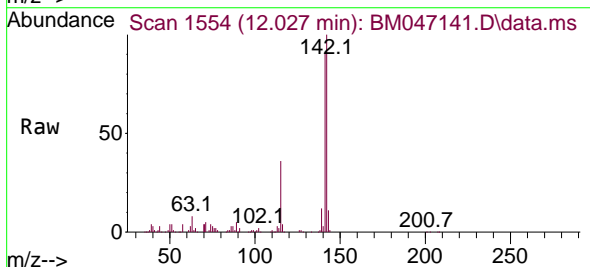
Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.9	106.3
115	36.1	28.7	43.1

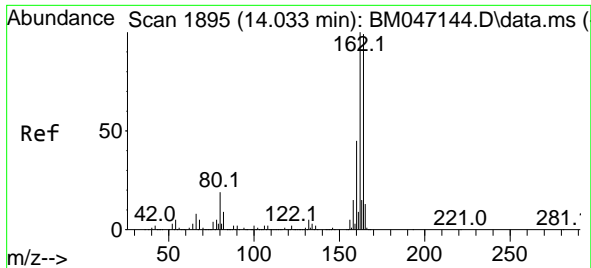


#38
 1-Methylnaphthalene
 Concen: 5.255 ng
 RT: 12.027 min Scan# 1554
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:142 Resp: 175570

Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.6	111.8
116	4.0	3.1	4.7



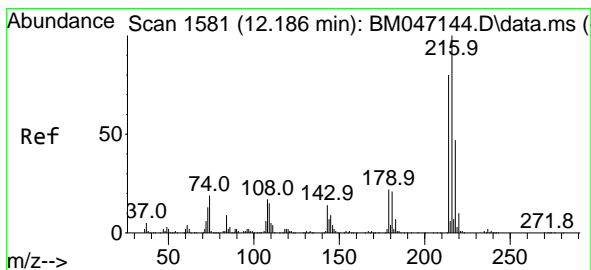
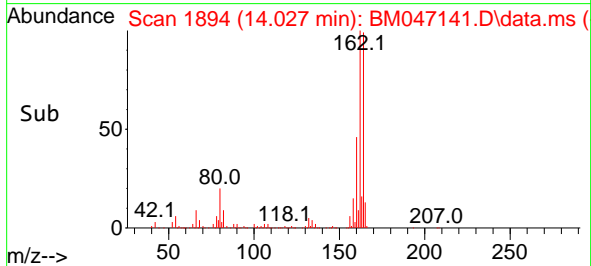
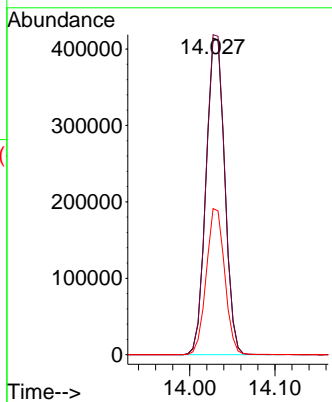
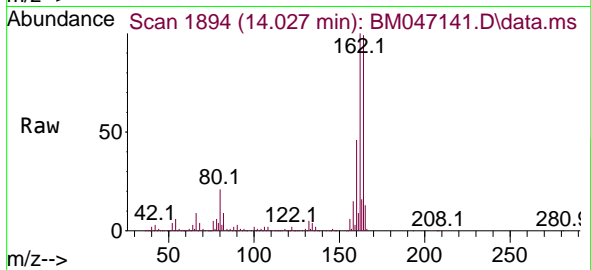


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.027 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument : BNA_M
 ClientSampleId : SSTDICC005

Tgt Ion:164 Resp: 629995

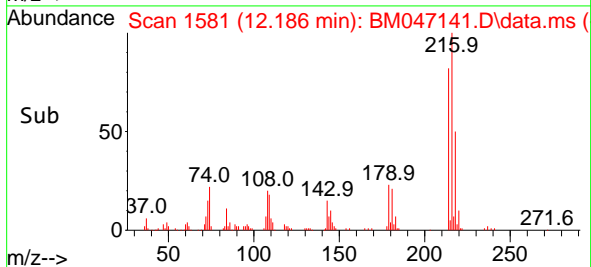
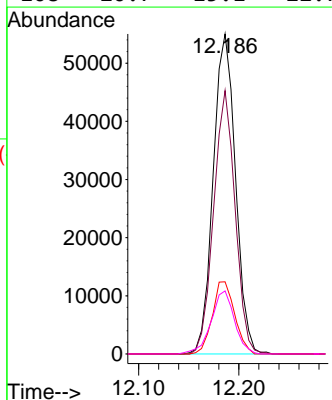
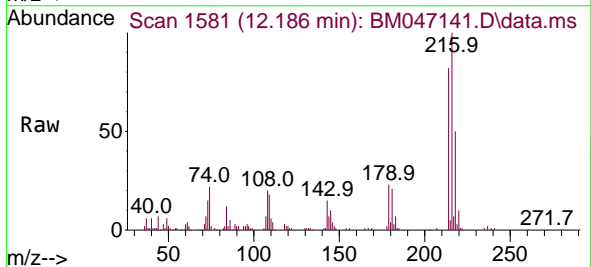
Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.7	121.1
160	46.1	36.0	54.0

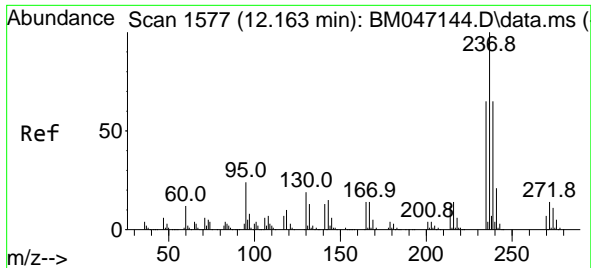


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.941 ng
 RT: 12.186 min Scan# 1581
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:216 Resp: 84909

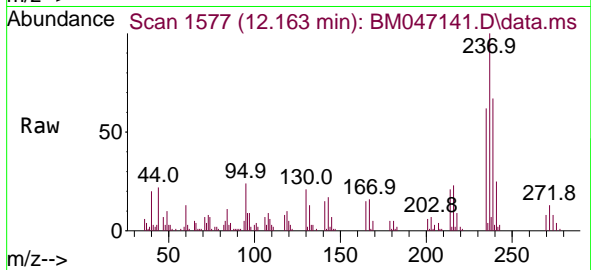
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	22.6	17.6	26.4
108	20.7	15.1	22.7





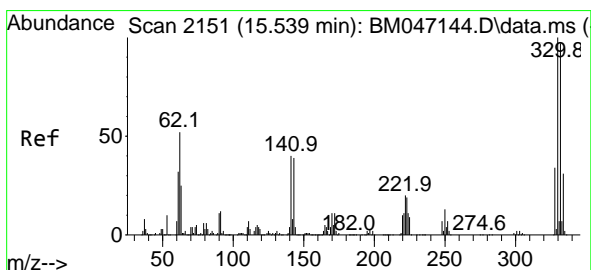
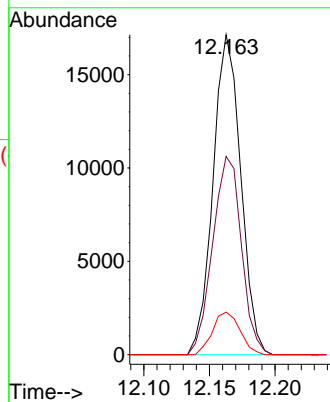
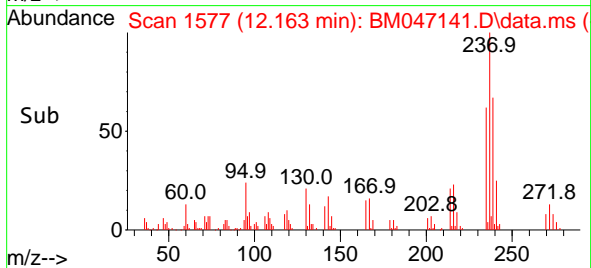
#41
 Hexachlorocyclopentadiene
 Concen: 4.195 ng
 RT: 12.163 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

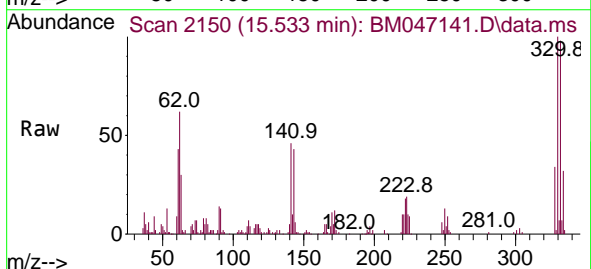


Tgt Ion: 237 Resp: 25169

Ion	Ratio	Lower	Upper
237	100		
235	62.0	44.8	84.8
272	13.3	0.0	33.5

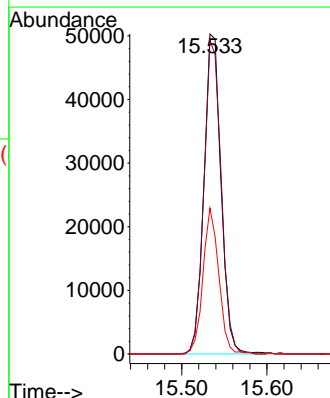
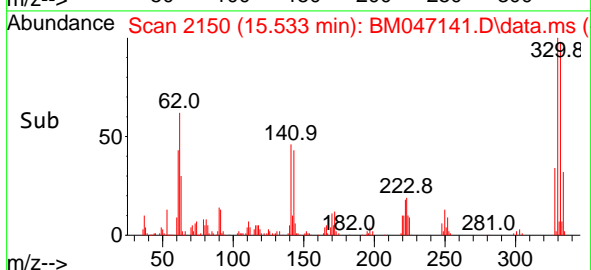


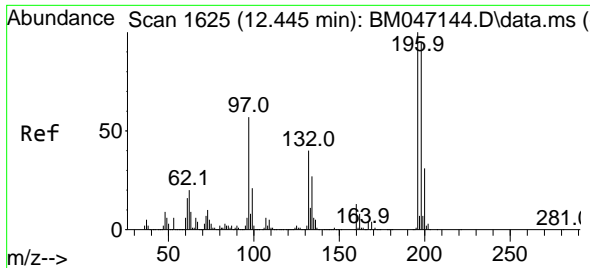
#42
 2,4,6-Tribromophenol
 Concen: 9.593 ng
 RT: 15.533 min Scan# 2150
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52



Tgt Ion: 330 Resp: 70075

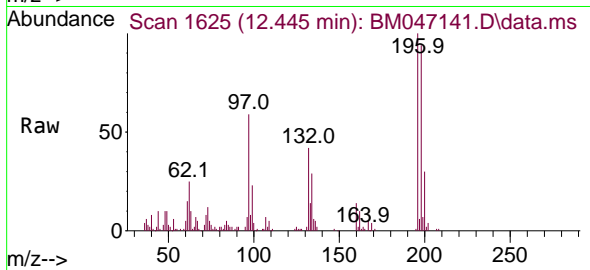
Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.4	116.2
141	42.2	31.6	47.4



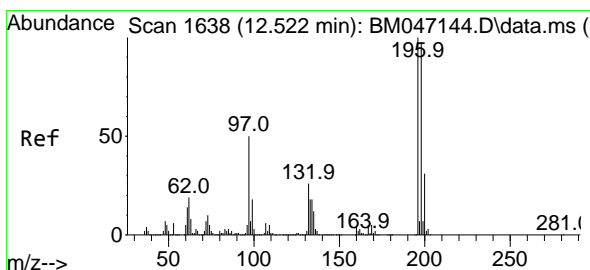
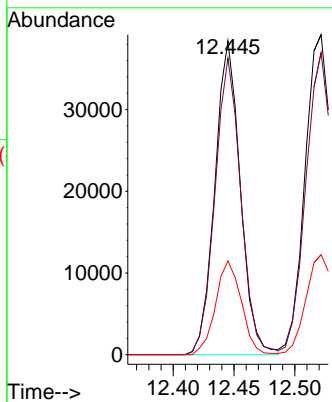
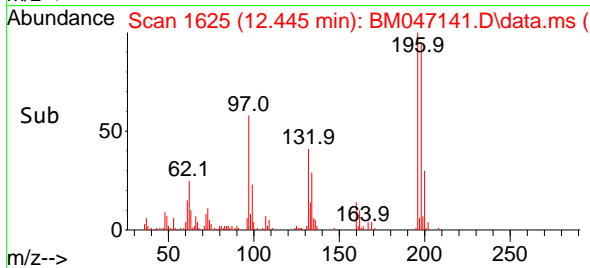


#43
 2,4,6-Trichlorophenol
 Concen: 4.582 ng
 RT: 12.445 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

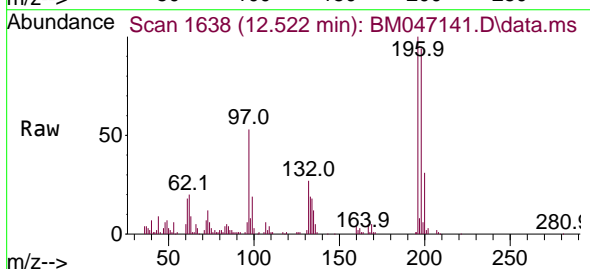
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005



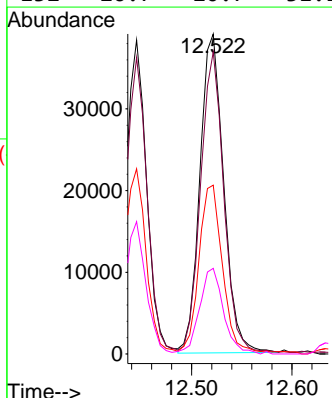
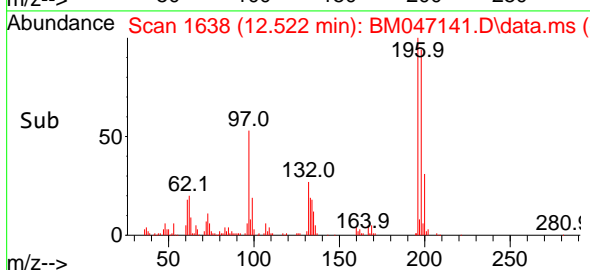
Tgt Ion:196 Resp: 55962
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.6 113.4
 200 29.9 24.6 37.0

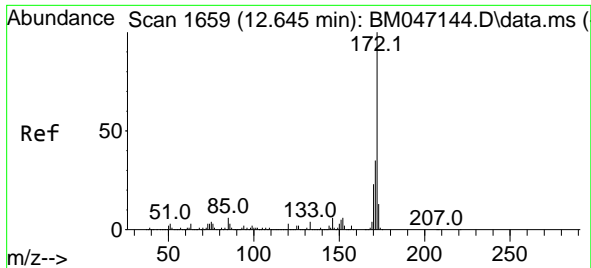


#44
 2,4,5-Trichlorophenol
 Concen: 4.765 ng
 RT: 12.522 min Scan# 1638
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52



Tgt Ion:196 Resp: 64621
 Ion Ratio Lower Upper
 196 100
 198 94.4 77.7 116.5
 97 52.8 39.8 59.8
 132 26.7 20.7 31.1





#45
 2-Fluorobiphenyl
 Concen: 10.847 ng
 RT: 12.639 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :

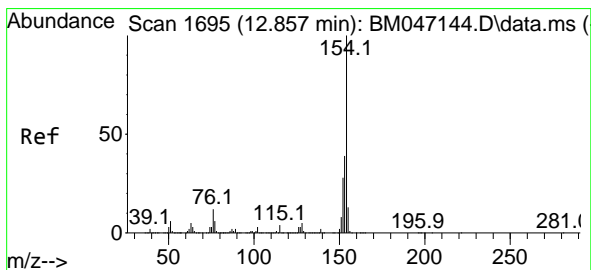
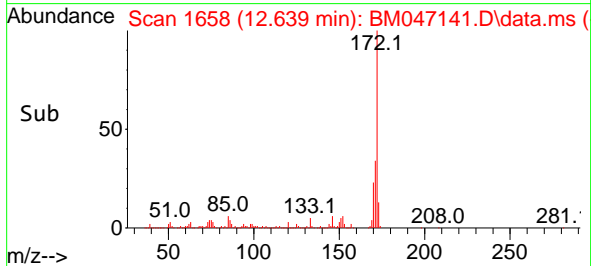
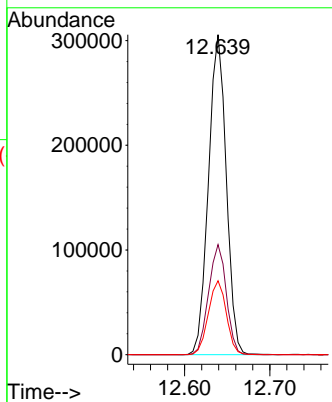
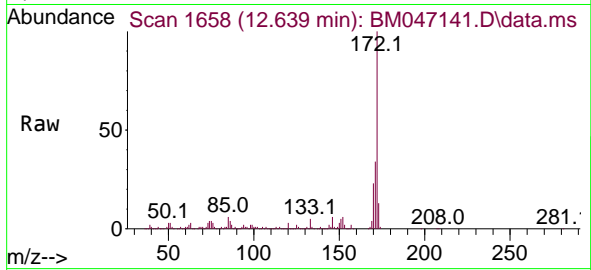
BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion:172 Resp: 442999

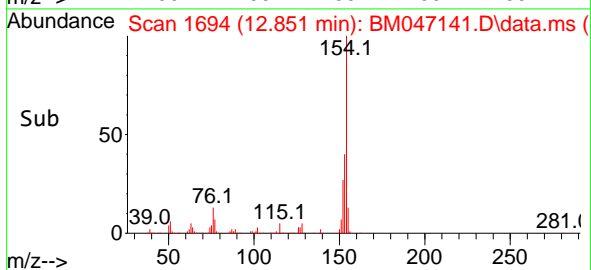
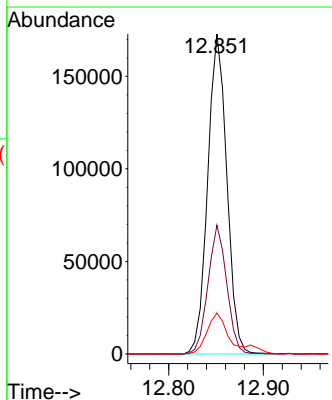
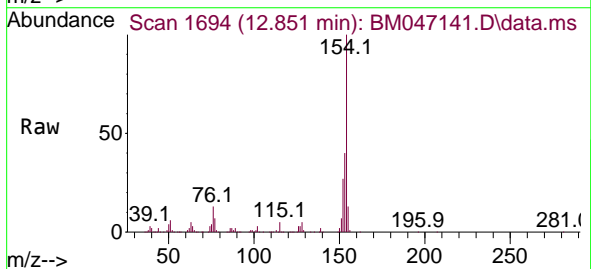
Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.1	18.7	28.1

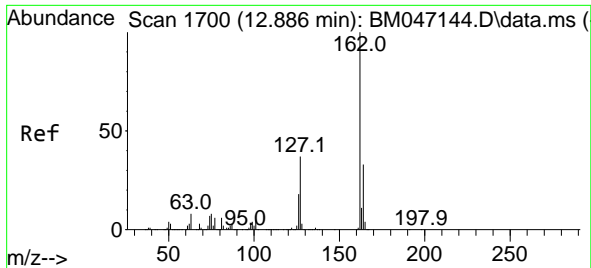


#46
 1,1'-Biphenyl
 Concen: 5.400 ng
 RT: 12.851 min Scan# 1694
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:154 Resp: 242201

Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.0	59.0
76	12.8	0.0	31.9





#47
 2-Chloronaphthalene
 Concen: 5.380 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :

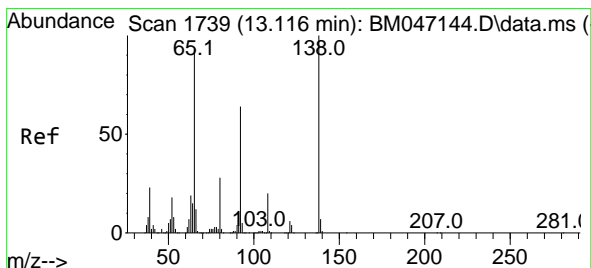
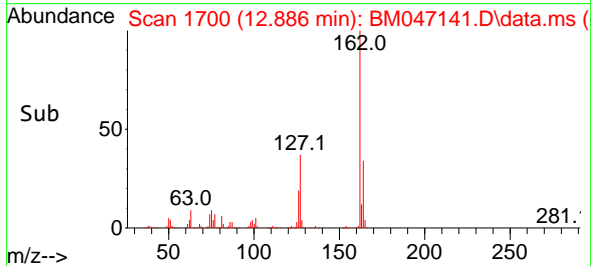
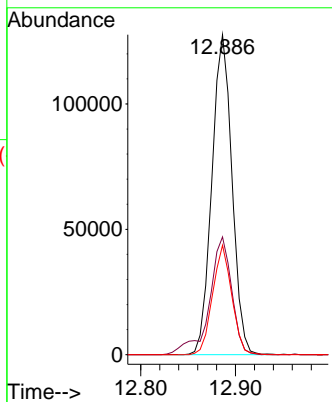
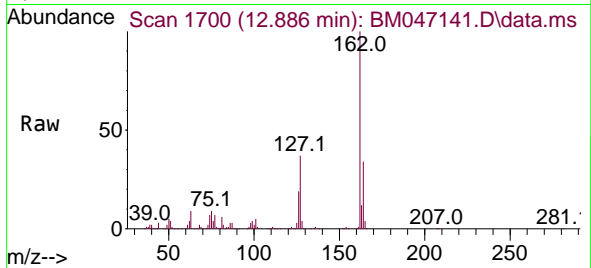
BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion:162 Resp: 188590

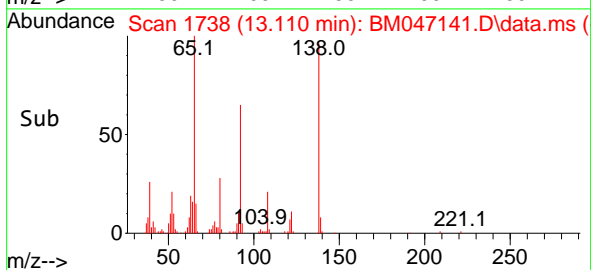
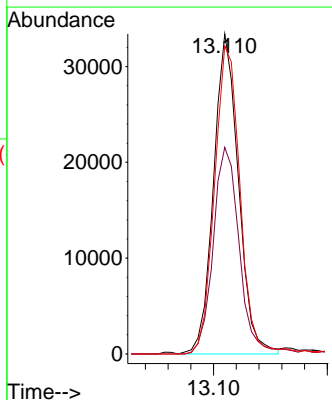
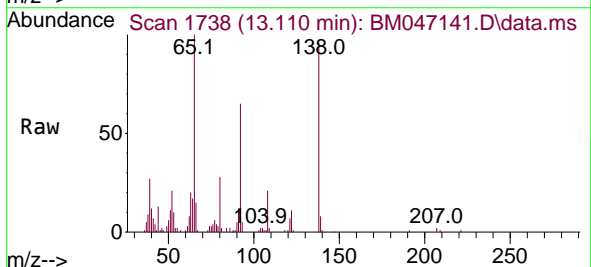
Ion	Ratio	Lower	Upper
162	100		
127	36.8	30.0	45.0
164	34.2	26.3	39.5

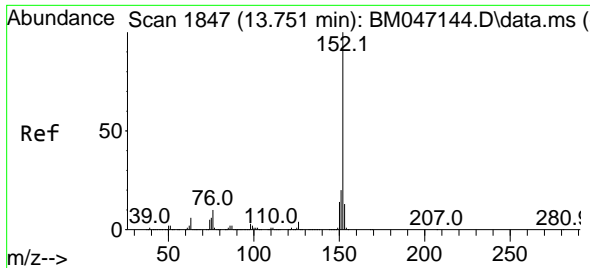


#48
 2-Nitroaniline
 Concen: 4.632 ng
 RT: 13.110 min Scan# 1738
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion: 65 Resp: 50873

Ion	Ratio	Lower	Upper
65	100		
92	64.6	55.1	82.7
138	96.3	85.9	128.9



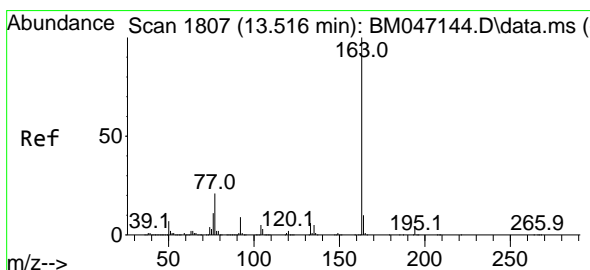
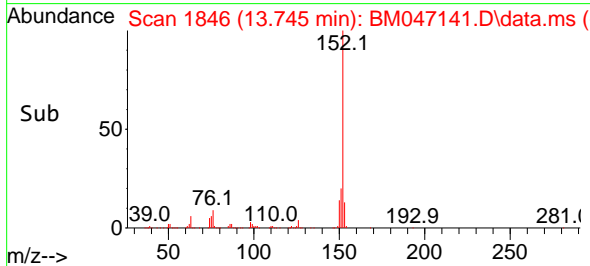
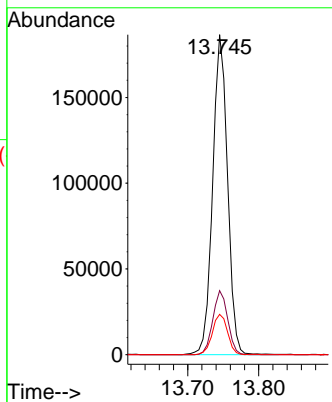
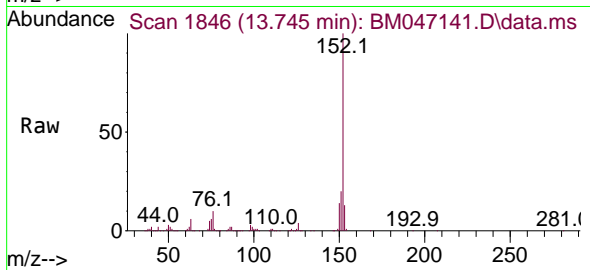


#49
 Acenaphthylene
 Concen: 5.238 ng
 RT: 13.745 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument : BNA_M
 ClientSampleId : BM047141.D
 SSTDICC005

Tgt Ion:152 Resp: 270677

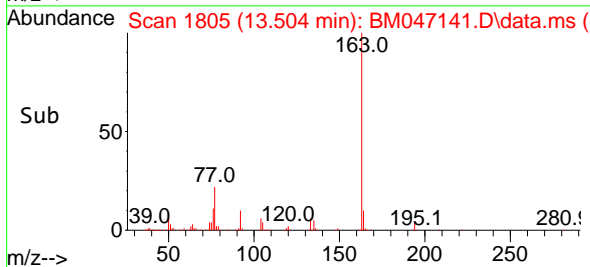
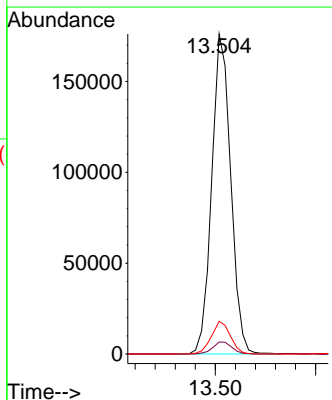
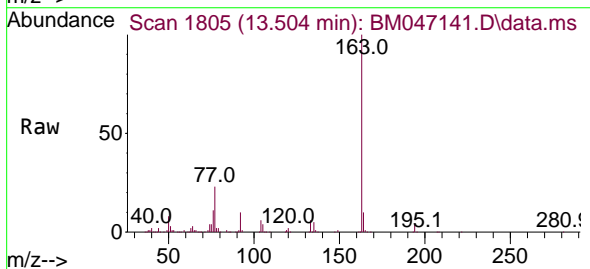
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	12.6	10.4	15.6

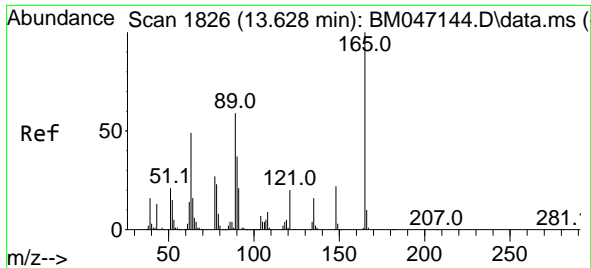


#50
 Dimethylphthalate
 Concen: 5.268 ng
 RT: 13.504 min Scan# 1805
 Delta R.T. -0.012 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:163 Resp: 231786

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.0	12.0



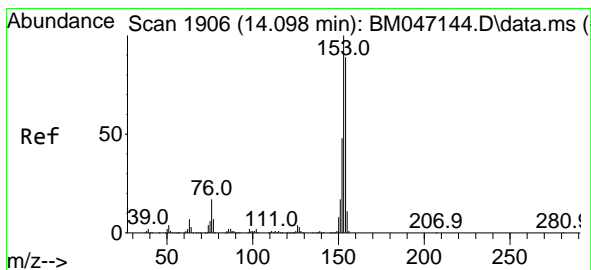
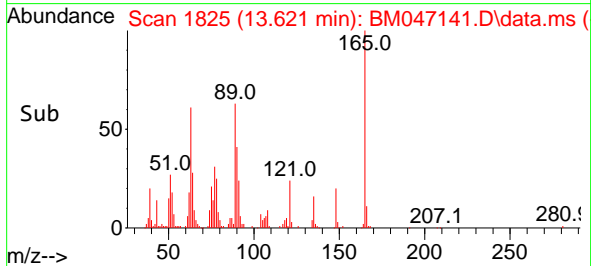
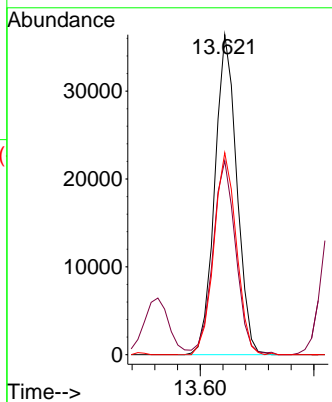
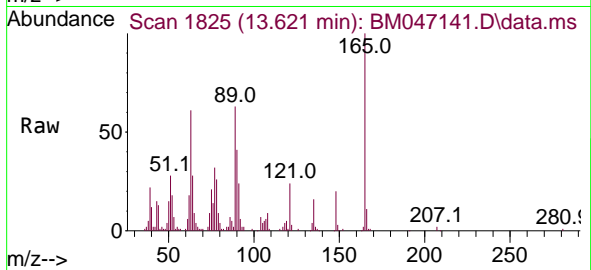


#51
 2,6-Dinitrotoluene
 Concen: 4.764 ng
 RT: 13.621 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tgt Ion:165 Resp: 49002

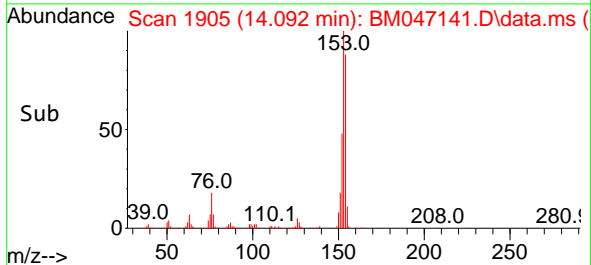
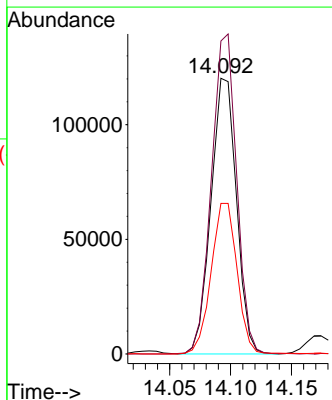
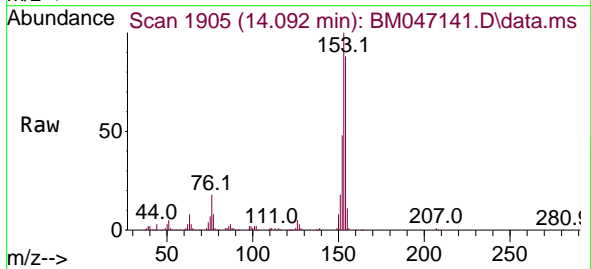
Ion	Ratio	Lower	Upper
165	100		
63	60.6	46.5	69.7
89	63.1	47.3	70.9

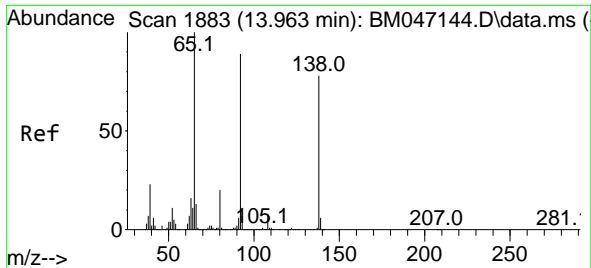


#52
 Acenaphthene
 Concen: 5.355 ng
 RT: 14.092 min Scan# 1905
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:154 Resp: 175534

Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.3	135.5
152	54.6	42.9	64.3



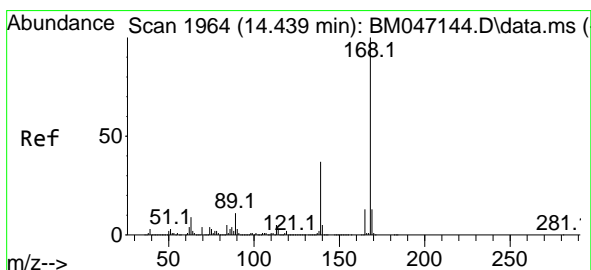
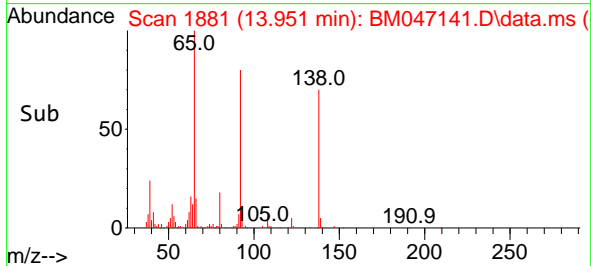
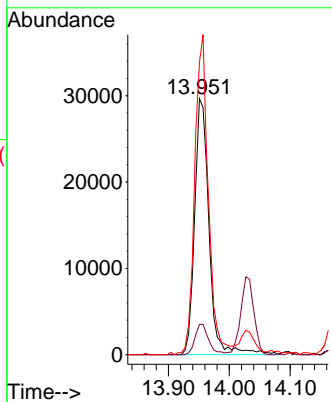
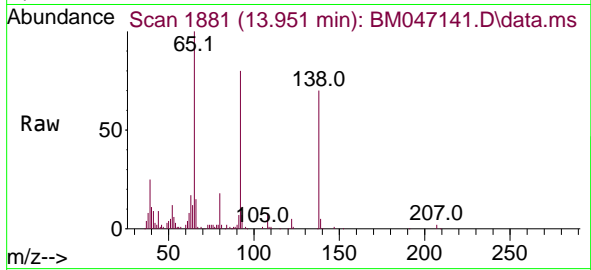


#53
 3-Nitroaniline
 Concen: 4.734 ng
 RT: 13.951 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument : BNA_M
 ClientSampleId : SSTDICC005

Tgt Ion:138 Resp: 48787

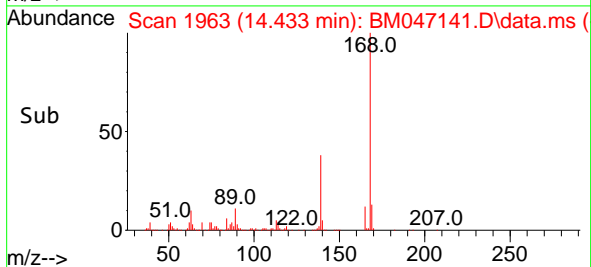
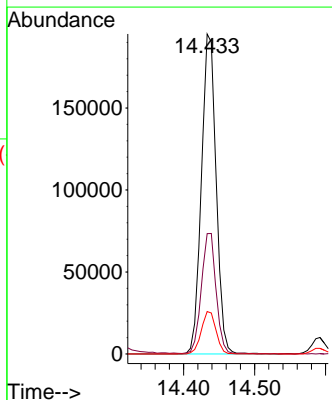
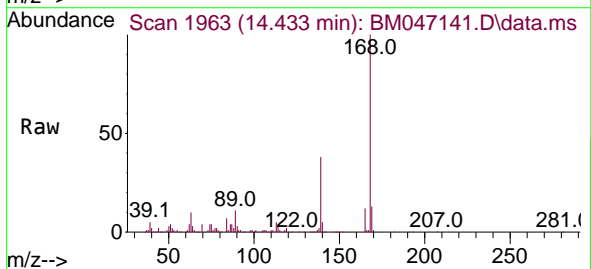
Ion	Ratio	Lower	Upper
138	100		
108	11.8	7.9	11.9
92	114.2	92.0	138.0

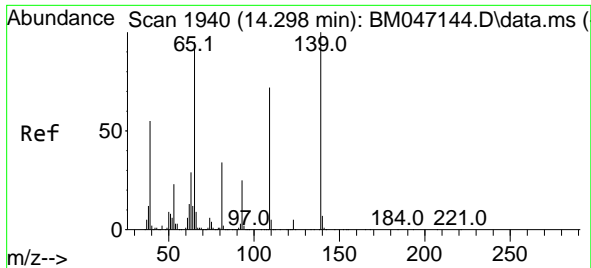


#55
 Dibenzofuran
 Concen: 5.444 ng
 RT: 14.433 min Scan# 1963
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:168 Resp: 281866

Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.6	44.4
169	13.3	10.7	16.1



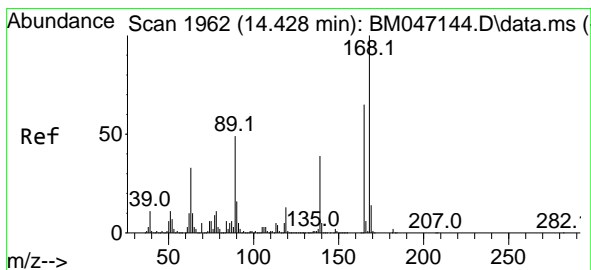
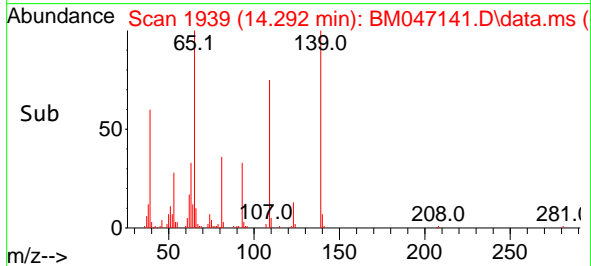
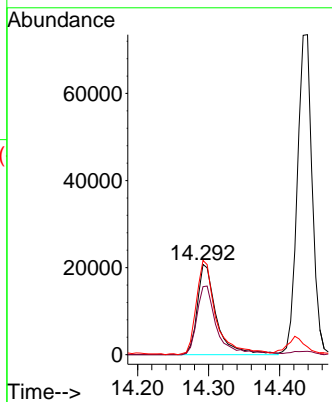
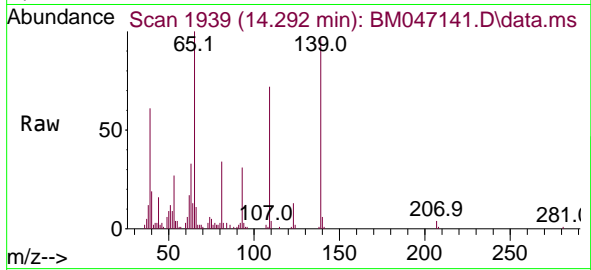


#56
 4-Nitrophenol
 Concen: 4.374 ng
 RT: 14.292 min Scan# 1939
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument : BNA_M
 ClientSampleId : SSTDICC005

Tgt Ion:139 Resp: 38873

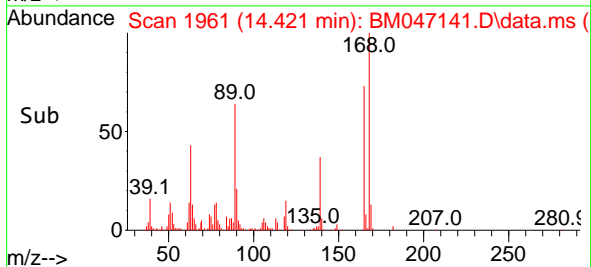
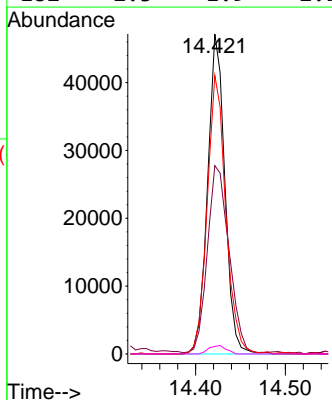
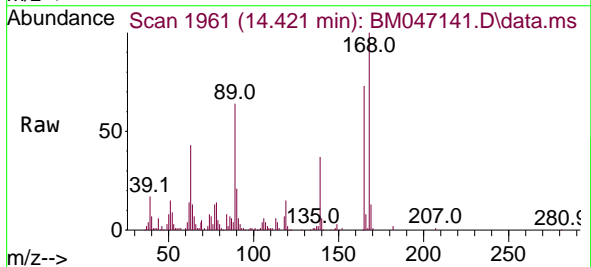
Ion	Ratio	Lower	Upper
139	100		
109	75.4	52.5	92.5
65	104.4	75.4	115.4

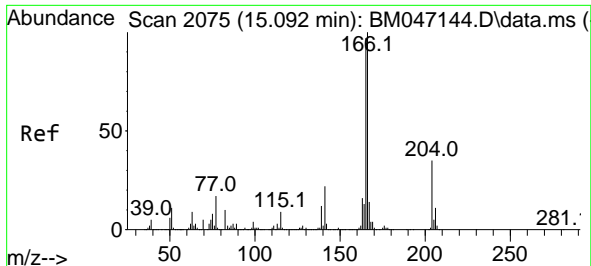


#57
 2,4-Dinitrotoluene
 Concen: 4.589 ng
 RT: 14.421 min Scan# 1961
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:165 Resp: 63007

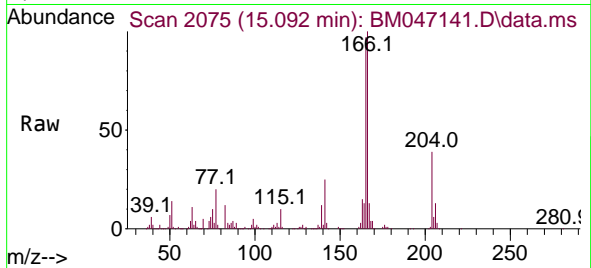
Ion	Ratio	Lower	Upper
165	100		
63	58.9	40.3	60.5
89	87.0	61.0	91.6
182	2.3	1.9	2.9





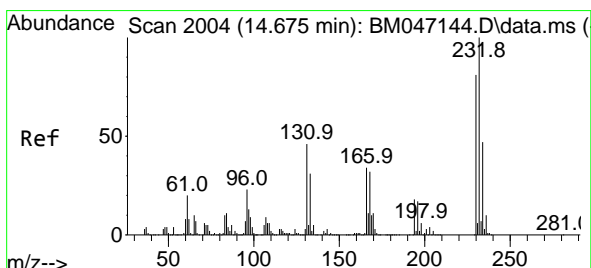
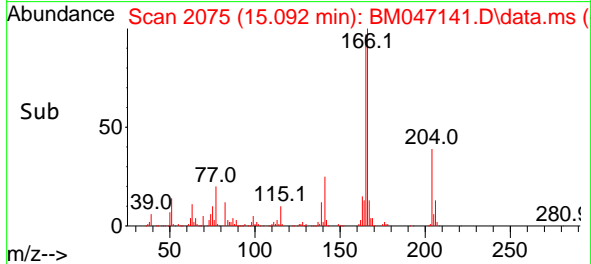
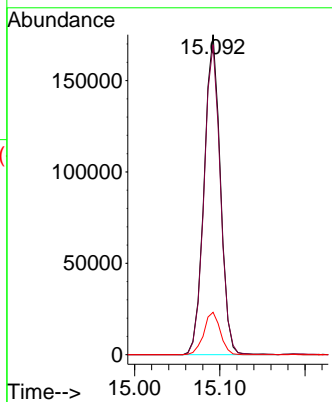
#58
 Fluorene
 Concen: 5.418 ng
 RT: 15.092 min Scan# 2075
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument : BNA_M
 Client Sample Id : SSTDICC005

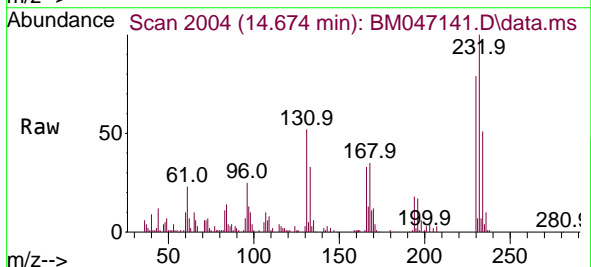


Tgt Ion:166 Resp: 231431

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.4	116.0
167	13.3	11.0	16.6

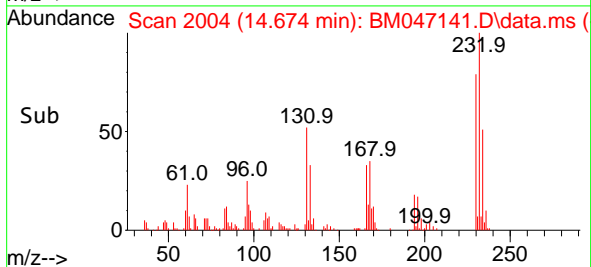
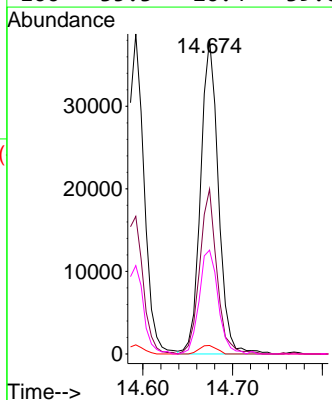


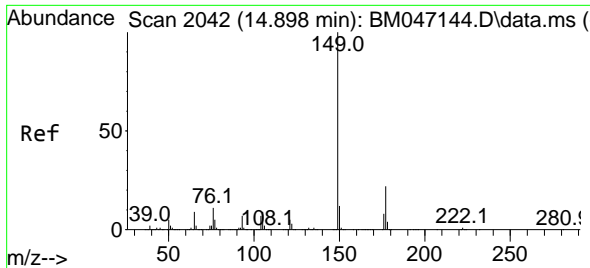
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.710 ng
 RT: 14.674 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52



Tgt Ion:232 Resp: 52488

Ion	Ratio	Lower	Upper
232	100		
131	50.7	36.9	55.3
130	2.6	2.0	3.0
166	35.3	26.4	39.6





#60
 Diethylphthalate
 Concen: 5.274 ng
 RT: 14.892 min Scan# 2041
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :

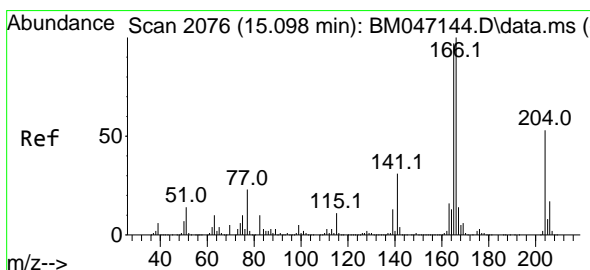
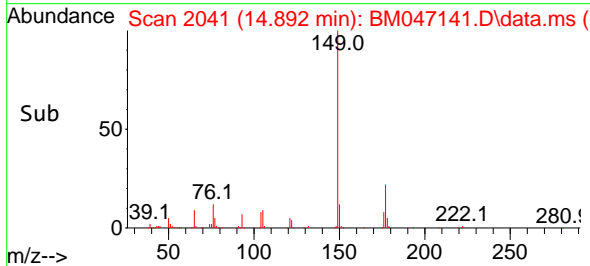
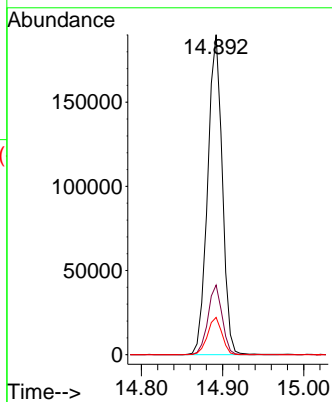
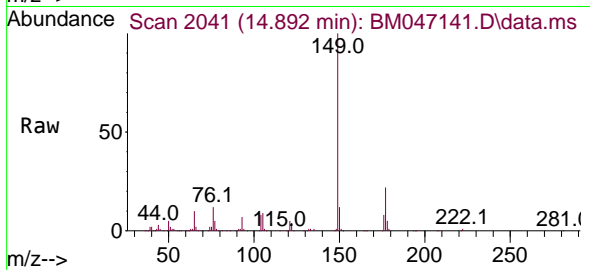
BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion:149 Resp: 236973

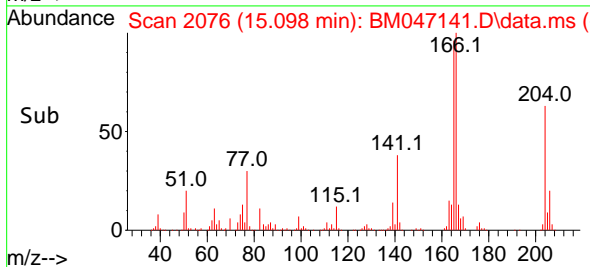
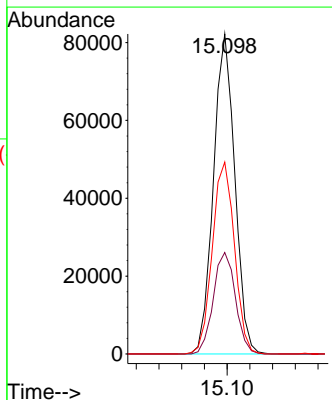
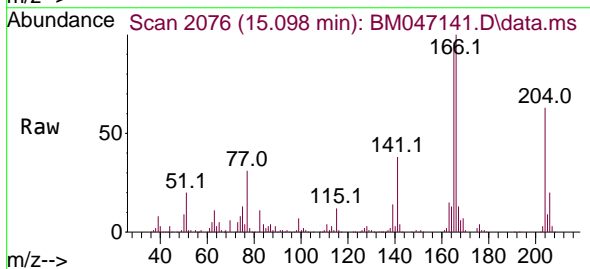
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.6	26.4
150	11.6	9.8	14.6

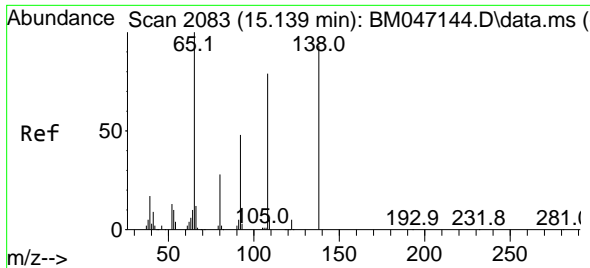


#61
 4-Chlorophenyl-phenylether
 Concen: 5.274 ng
 RT: 15.098 min Scan# 2076
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:204 Resp: 107266

Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.2	39.4
141	60.0	47.2	70.8



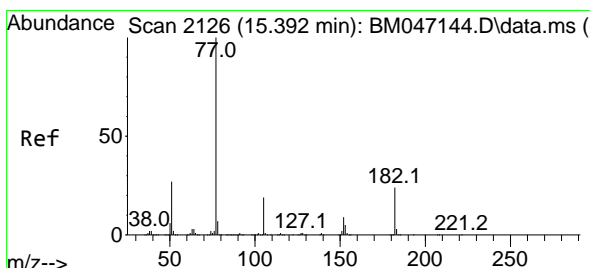
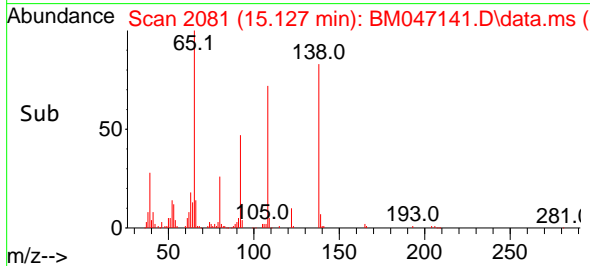
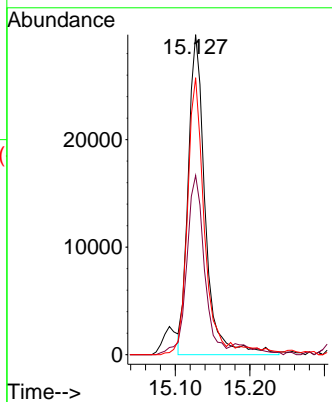
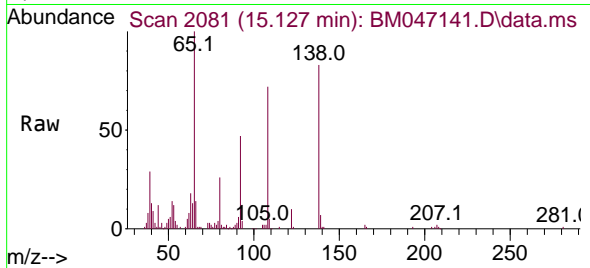


#62
 4-Nitroaniline
 Concen: 4.656 ng m
 RT: 15.127 min Scan# 2081
 Delta R.T. -0.012 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tgt Ion:138 Resp: 47275

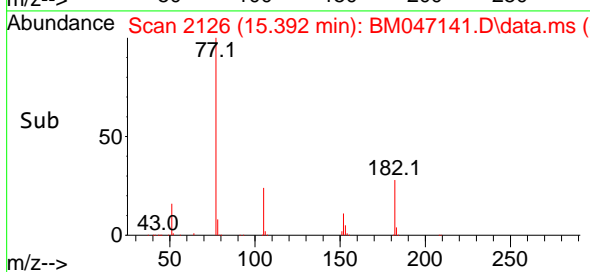
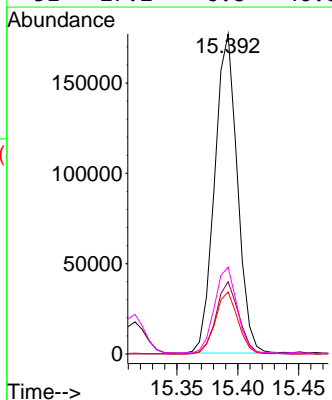
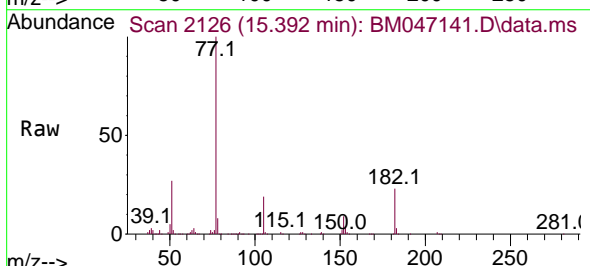
Ion	Ratio	Lower	Upper
138	100		
92	56.0	31.9	71.9
108	86.6	63.8	103.8

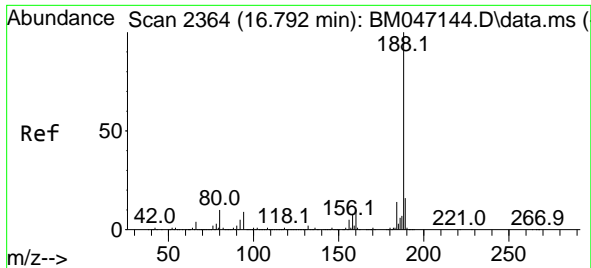


#63
 Azobenzene
 Concen: 5.378 ng
 RT: 15.392 min Scan# 2126
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion: 77 Resp: 229119

Ion	Ratio	Lower	Upper
77	100		
182	22.5	3.8	43.8
105	19.4	0.0	39.5
51	27.2	6.8	46.8



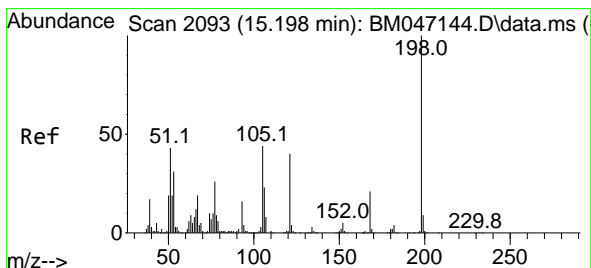
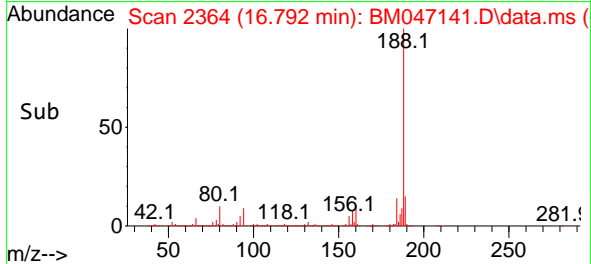
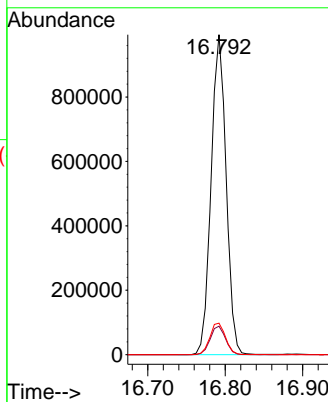
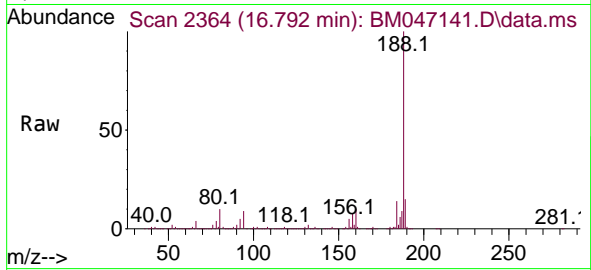


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.792 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tgt Ion:188 Resp: 1336137

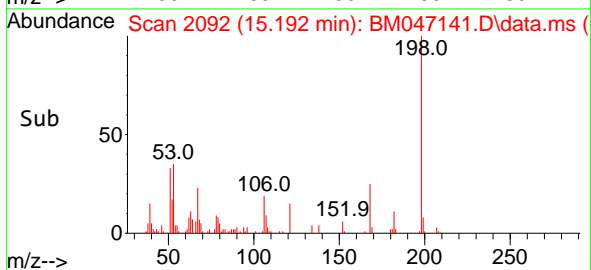
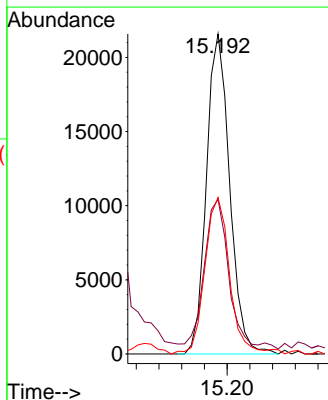
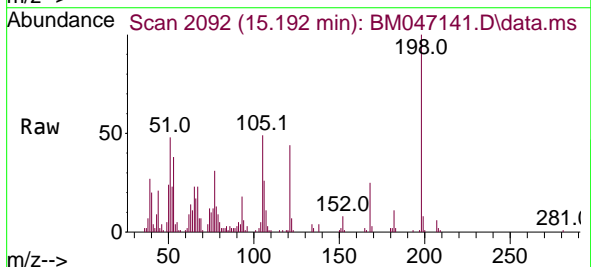
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.6
80	9.9	8.0	12.0

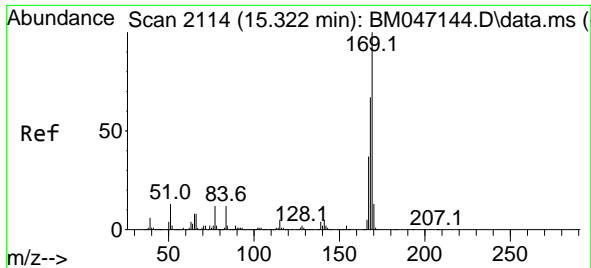


#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.916 ng
 RT: 15.192 min Scan# 2092
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:198 Resp: 30637

Ion	Ratio	Lower	Upper
198	100		
51	48.3	23.9	63.9
105	48.9	24.3	64.3



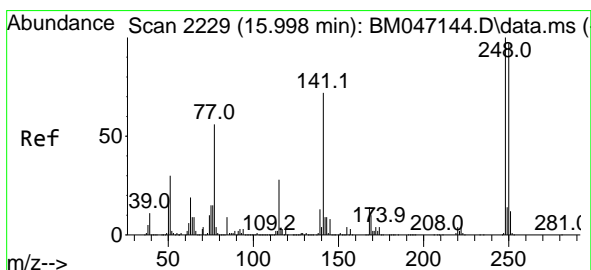
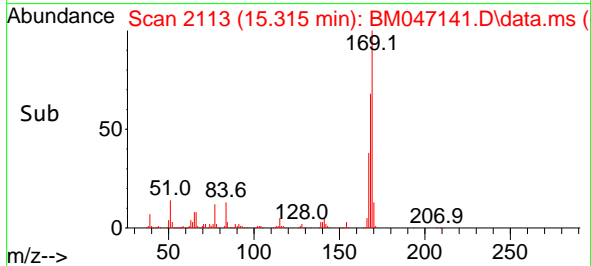
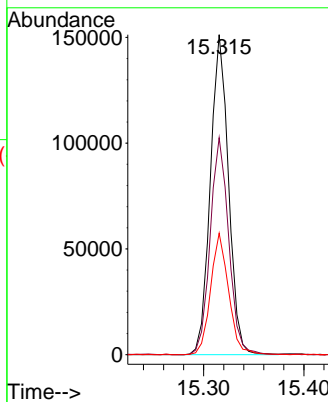
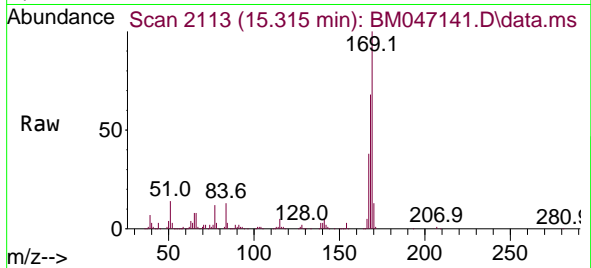


#66
 n-Nitrosodiphenylamine
 Concen: 5.231 ng
 RT: 15.315 min Scan# 2113
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tgt Ion:169 Resp: 190365

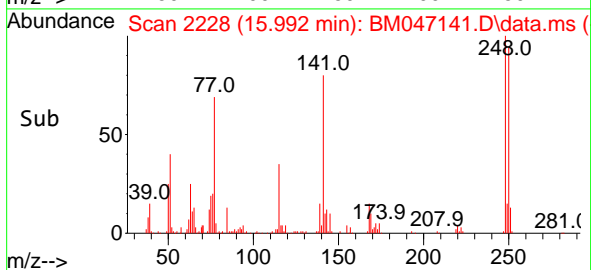
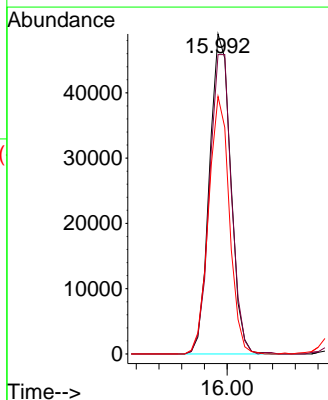
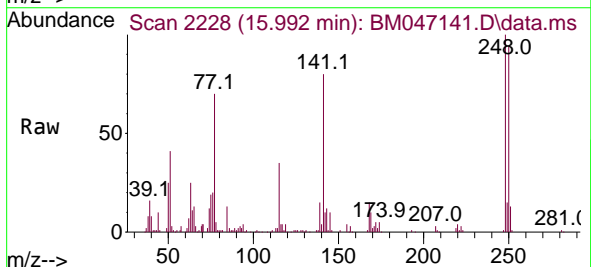
Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.8	80.8
167	38.0	29.3	43.9

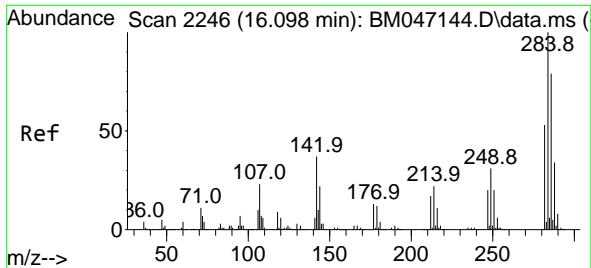


#67
 4-Bromophenyl-phenylether
 Concen: 4.937 ng
 RT: 15.992 min Scan# 2228
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:248 Resp: 63559

Ion	Ratio	Lower	Upper
248	100		
250	93.5	77.8	116.8
141	80.4	57.7	86.5

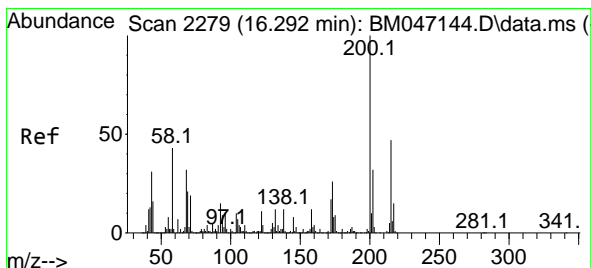
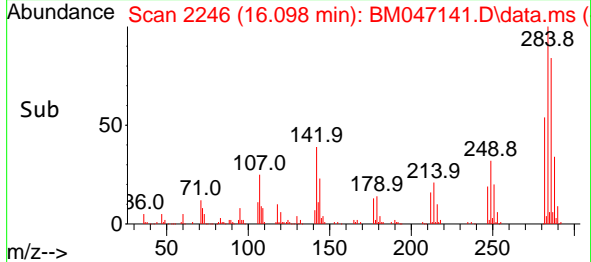
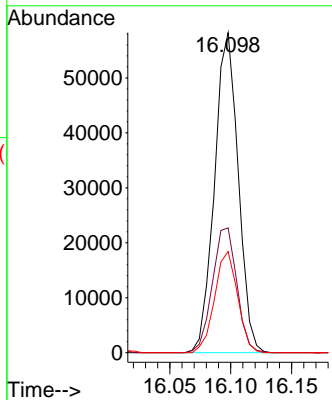
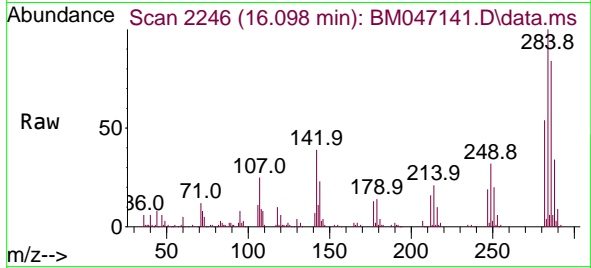




#68
 Hexachlorobenzene
 Concen: 5.114 ng
 RT: 16.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

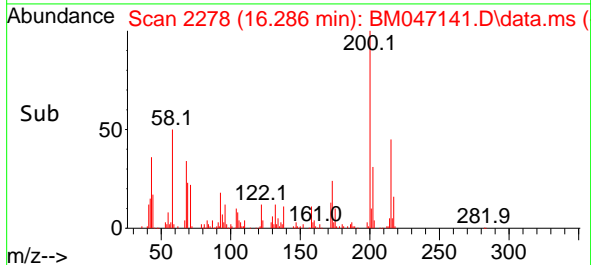
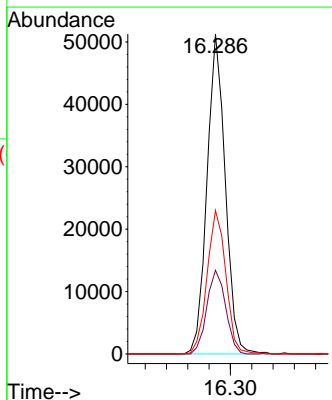
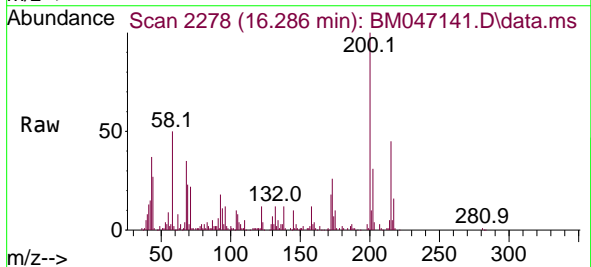
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

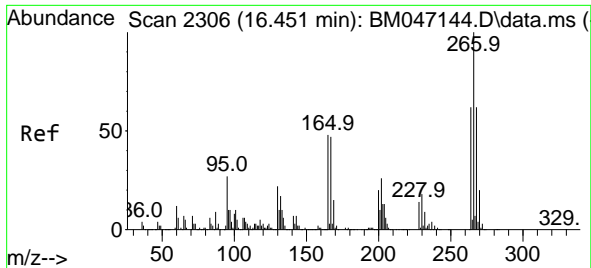
Tgt Ion:284 Resp: 78852
 Ion Ratio Lower Upper
 284 100
 142 39.0 29.4 44.0
 249 31.6 25.1 37.7



#69
 Atrazine
 Concen: 5.568 ng
 RT: 16.286 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:200 Resp: 60979
 Ion Ratio Lower Upper
 200 100
 173 26.2 6.1 46.1
 215 44.9 26.8 66.8



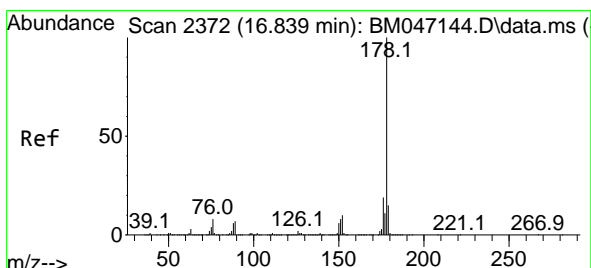
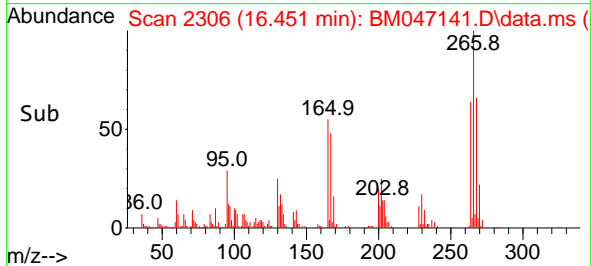
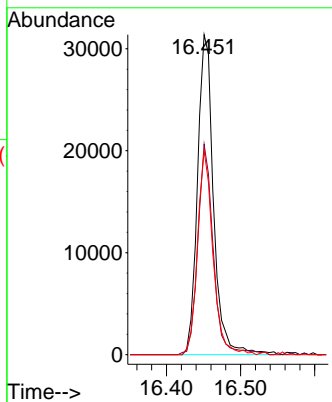
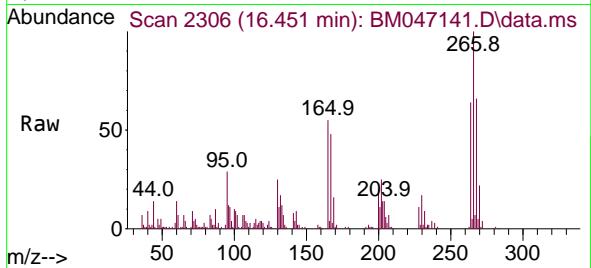


#70
 Pentachlorophenol
 Concen: 4.362 ng
 RT: 16.451 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tgt Ion:266 Resp: 47145

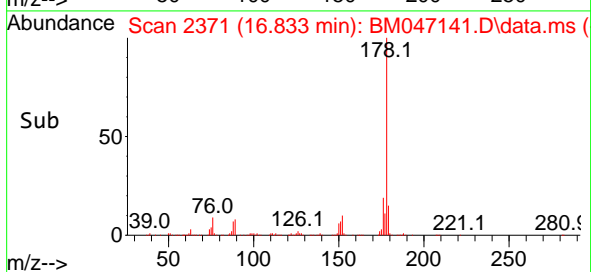
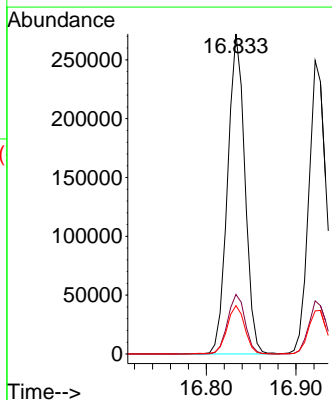
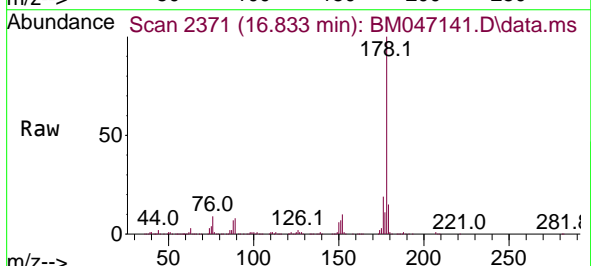
Ion	Ratio	Lower	Upper
266	100		
268	65.8	49.8	74.6
264	63.7	49.6	74.4

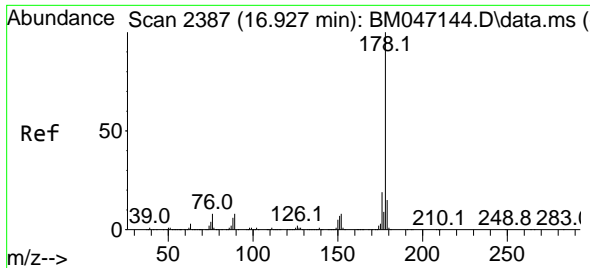


#71
 Phenanthrene
 Concen: 5.428 ng
 RT: 16.833 min Scan# 2371
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:178 Resp: 363970

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.1	12.4	18.6



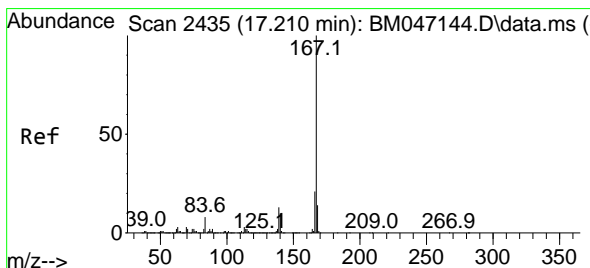
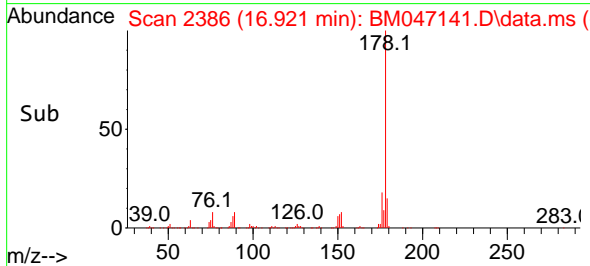
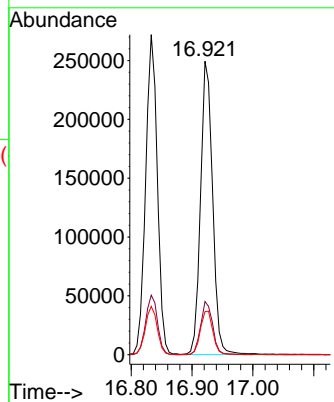
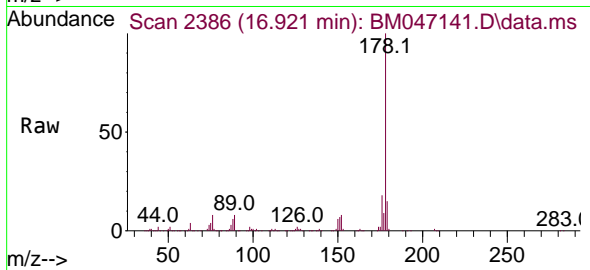


#72
 Anthracene
 Concen: 5.243 ng
 RT: 16.921 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tgt Ion:178 Resp: 342081

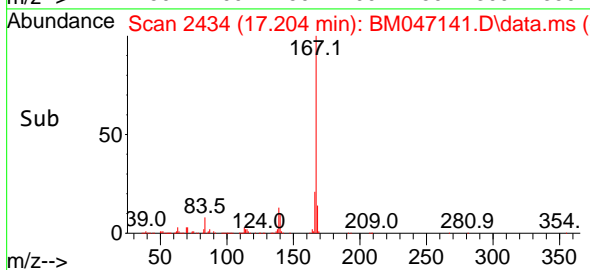
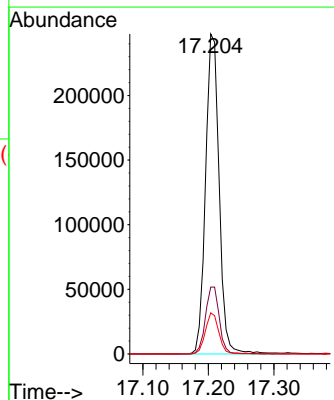
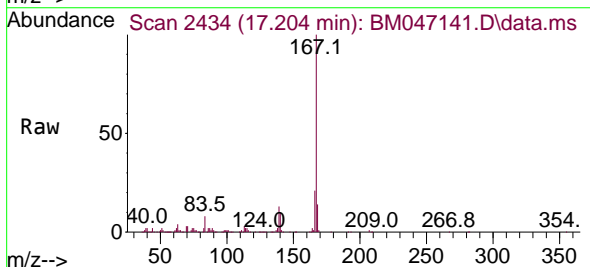
Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.8	22.2
179	14.7	12.4	18.6

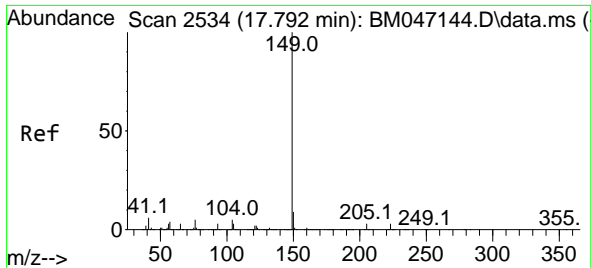


#73
 Carbazole
 Concen: 5.368 ng
 RT: 17.204 min Scan# 2434
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:167 Resp: 357631

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.1	25.7
139	12.9	10.0	15.0



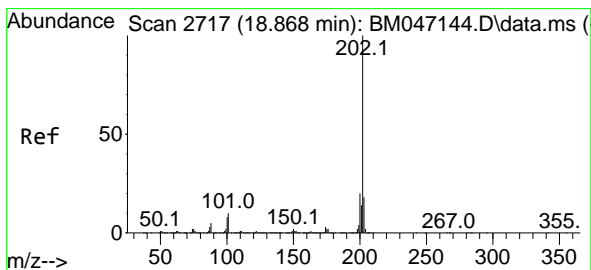
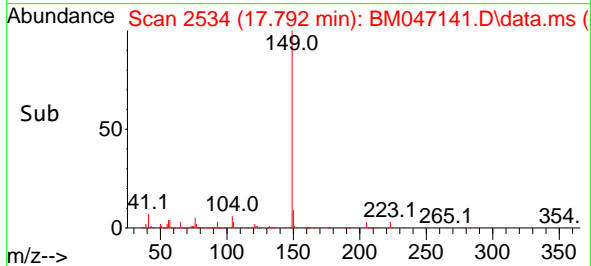
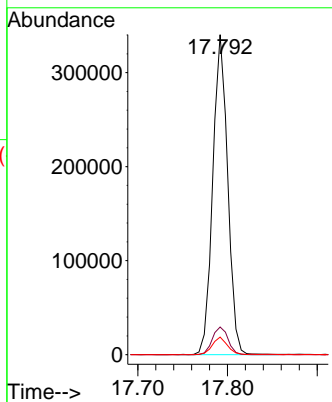
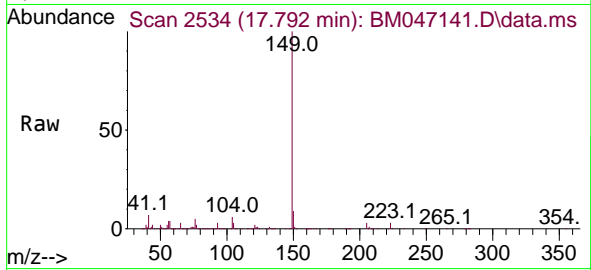


#74
 Di-n-butylphthalate
 Concen: 5.064 ng
 RT: 17.792 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tgt Ion:149 Resp: 392569

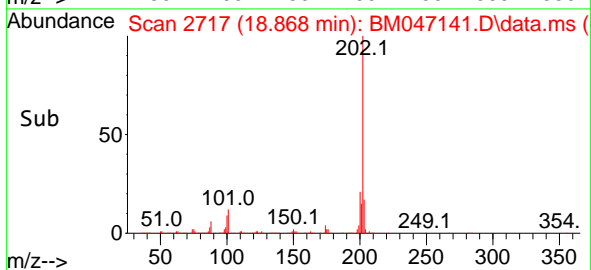
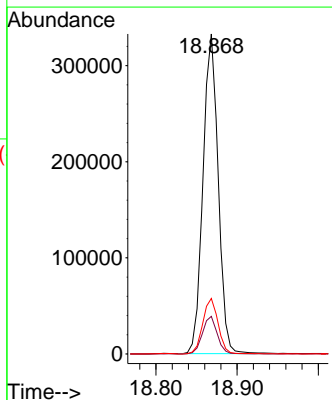
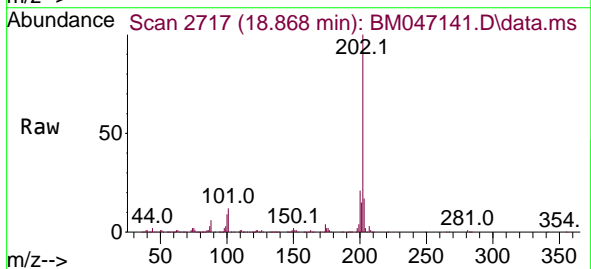
Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.5	11.3
104	5.5	4.1	6.1

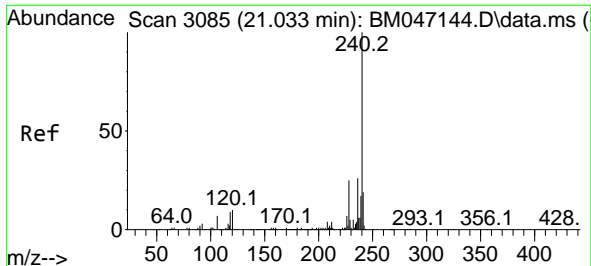


#75
 Fluoranthene
 Concen: 5.301 ng
 RT: 18.868 min Scan# 2717
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:202 Resp: 432338

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.2
203	17.4	0.0	37.6



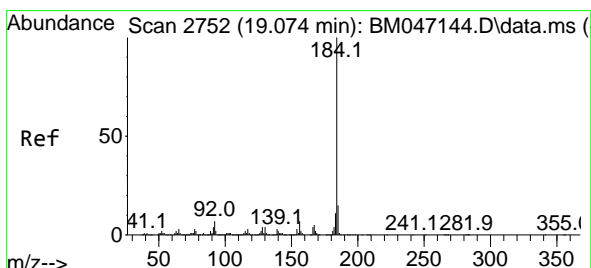
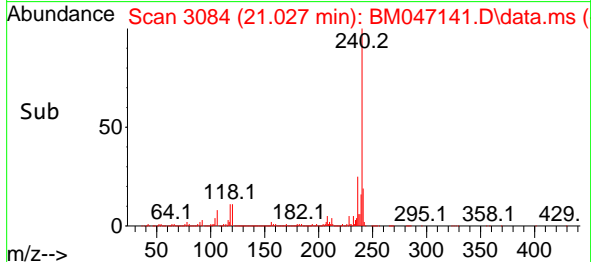
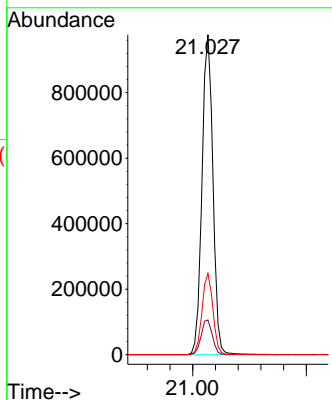
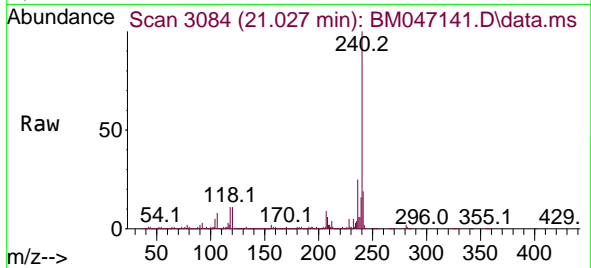


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.027 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tgt Ion:240 Resp: 1301329

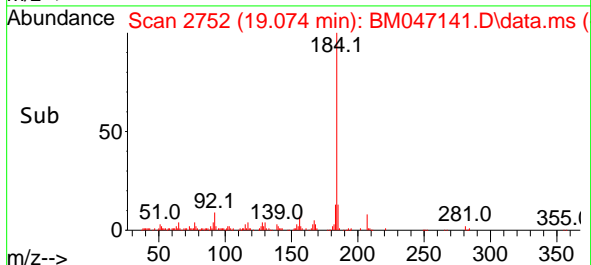
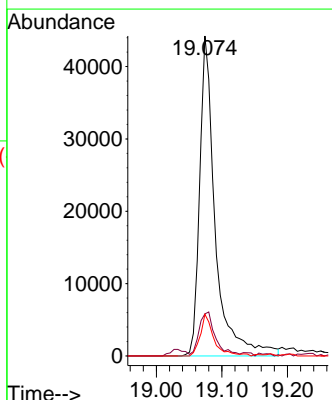
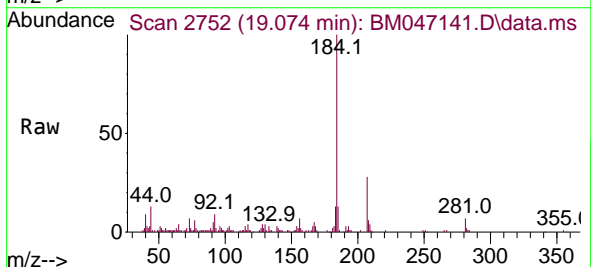
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.2	12.2
236	25.4	20.6	30.8

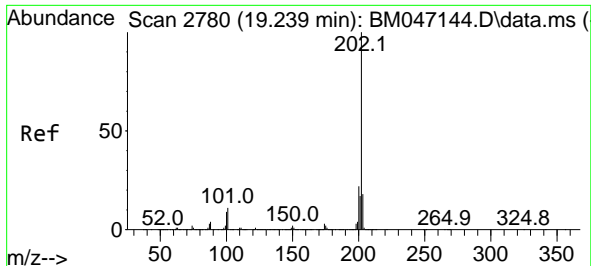


#77
 Benzidine
 Concen: 3.335 ng
 RT: 19.074 min Scan# 2752
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:184 Resp: 73589

Ion	Ratio	Lower	Upper
184	100		
185	13.2	11.8	17.6
183	13.0	9.0	13.6



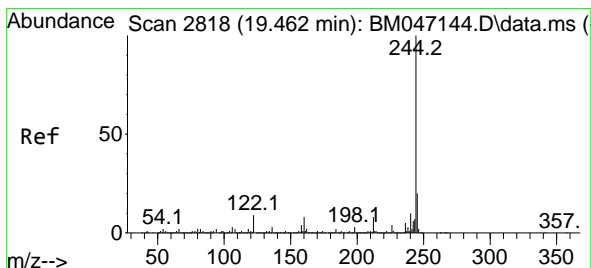
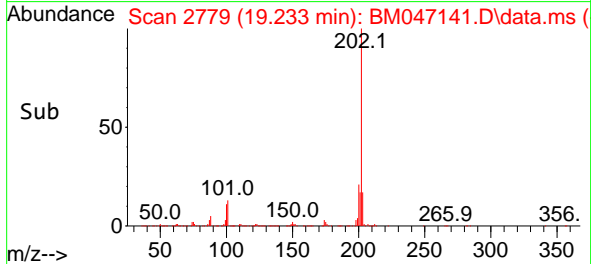
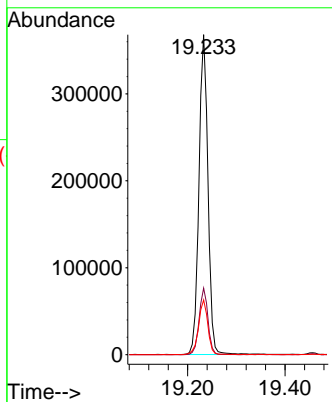
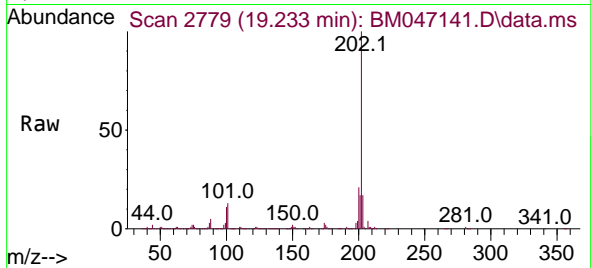


#78
 Pyrene
 Concen: 5.098 ng
 RT: 19.233 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tgt Ion:202 Resp: 473702

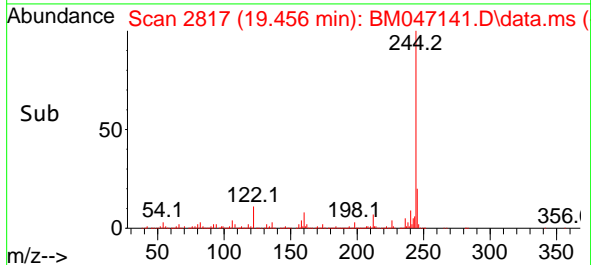
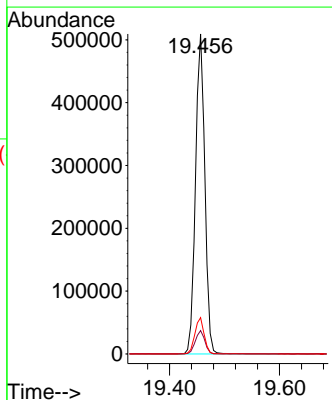
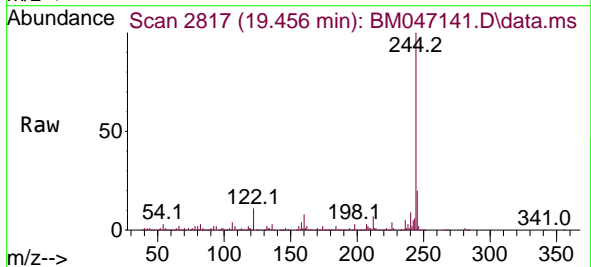
Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.2	25.8
203	17.1	14.2	21.2

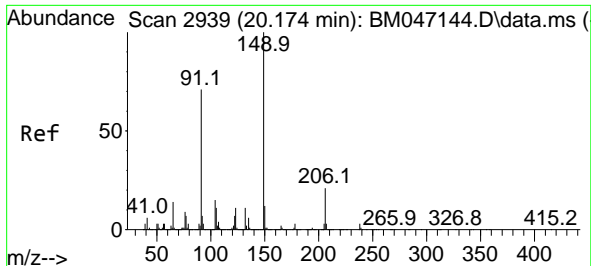


#79
 Terphenyl-d14
 Concen: 9.901 ng
 RT: 19.456 min Scan# 2817
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:244 Resp: 601320

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.4
122	11.3	7.1	10.7#





#80
 Butylbenzylphthalate
 Concen: 4.381 ng
 RT: 20.174 min Scan# 2939
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :

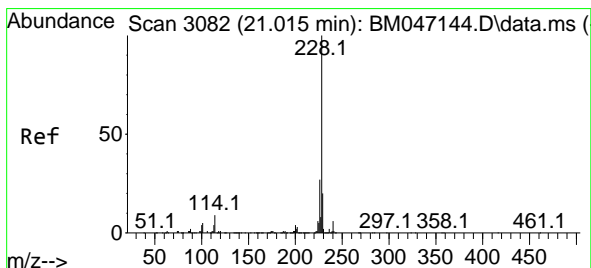
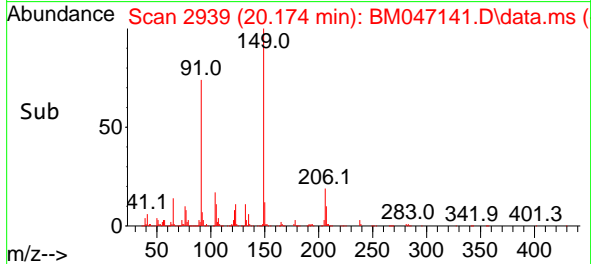
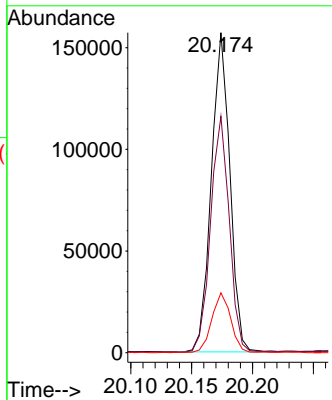
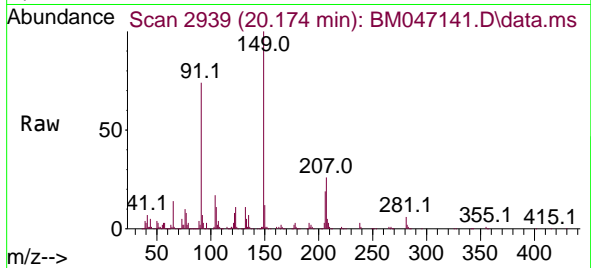
BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion:149 Resp: 166134

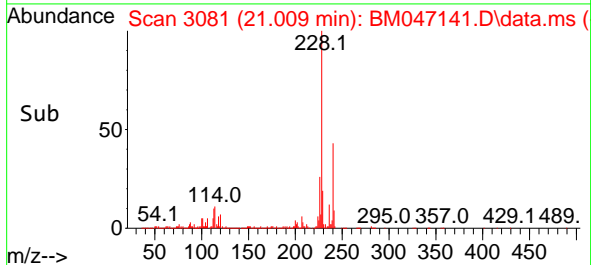
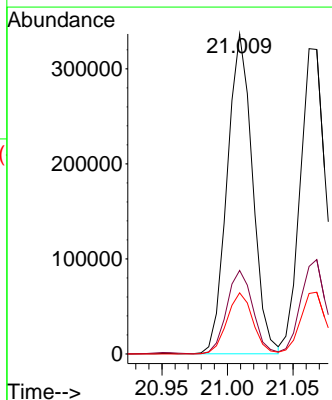
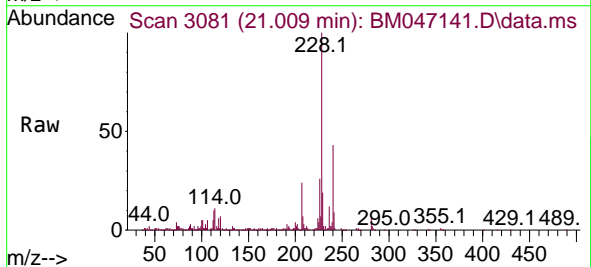
Ion	Ratio	Lower	Upper
149	100		
91	73.9	57.0	85.4
206	18.7	16.4	24.6

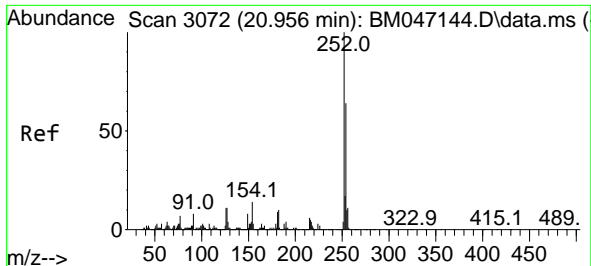


#81
 Benzo(a)anthracene
 Concen: 5.236 ng
 RT: 21.009 min Scan# 3081
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:228 Resp: 452360

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.8	32.6
229	19.1	15.8	23.8



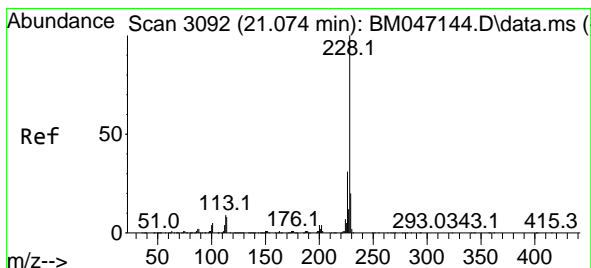
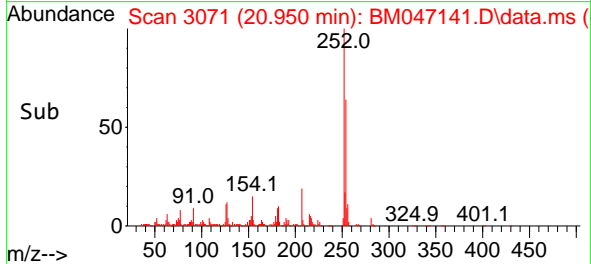
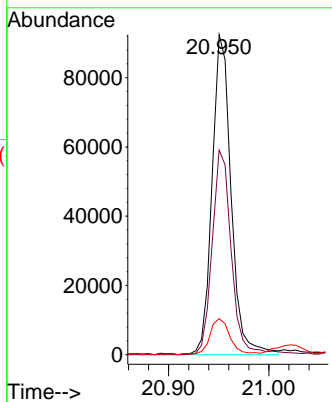
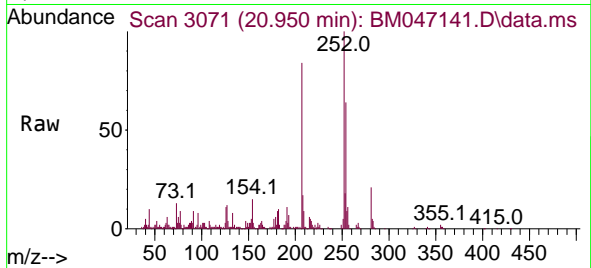


#82
 3,3'-Dichlorobenzidine
 Concen: 4.493 ng
 RT: 20.950 min Scan# 3071
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument : BNA_M
 Client Sample Id : SSTDICC005

Tgt Ion: 252 Resp: 121454

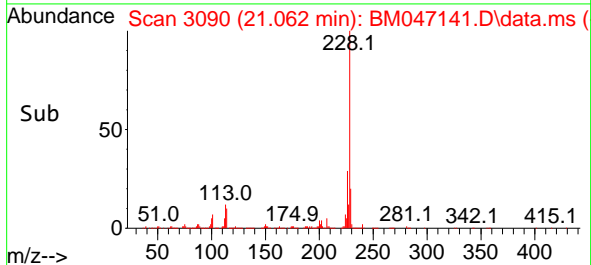
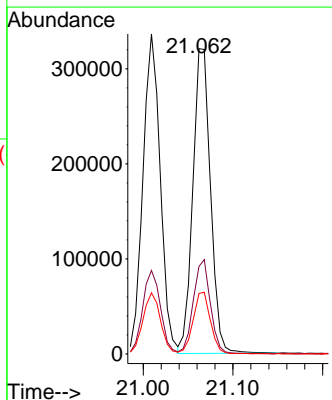
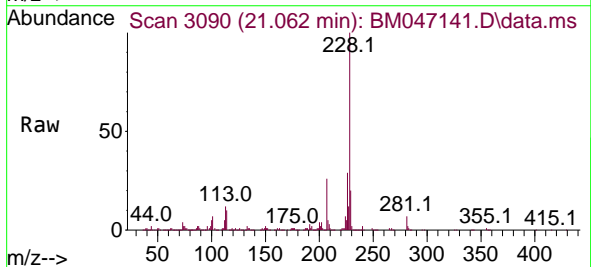
Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.0	76.6
126	11.3	8.5	12.7

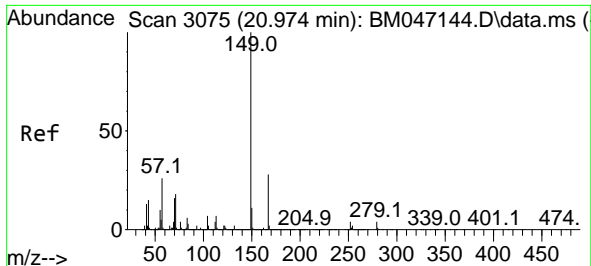


#83
 Chrysene
 Concen: 5.360 ng
 RT: 21.062 min Scan# 3090
 Delta R.T. -0.012 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion: 228 Resp: 439298

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.4	36.6
229	19.8	15.7	23.5





#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.665 ng
 RT: 20.974 min Scan# 3075
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :

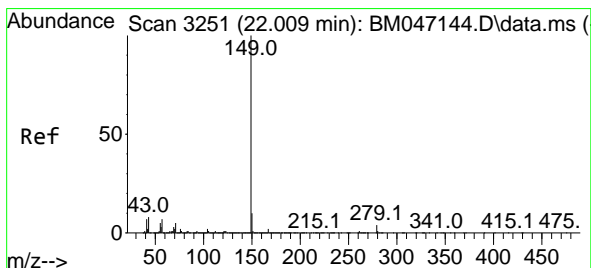
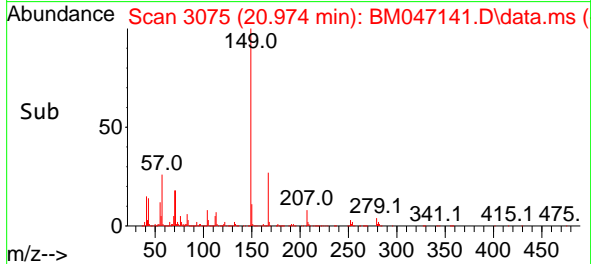
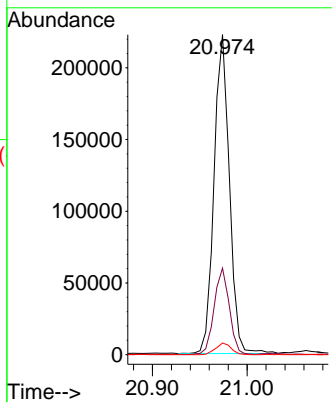
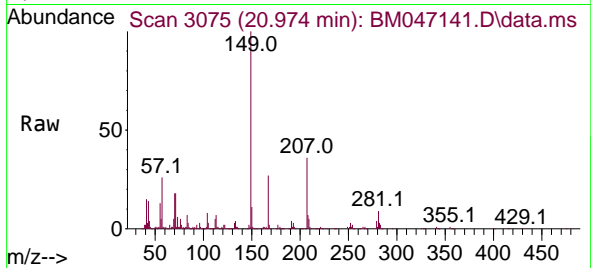
BNA_M

Client Sample Id :

SSTDICC005

Tgt Ion:149 Resp: 250857

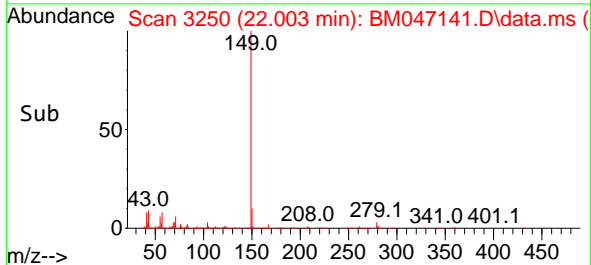
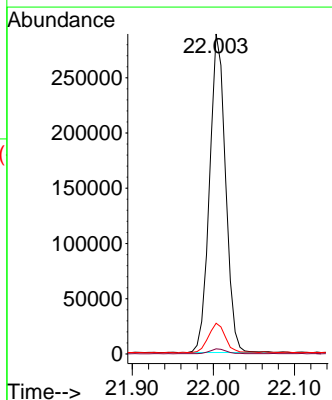
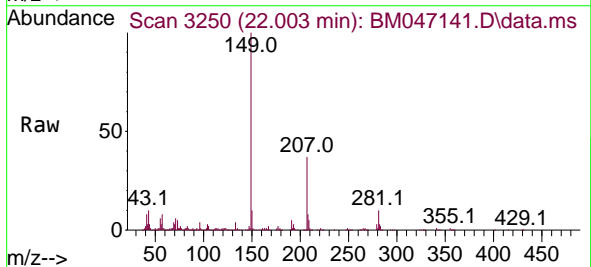
Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.2
279	3.6	3.0	4.4

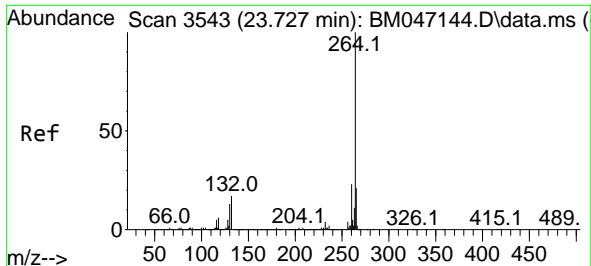


#85
 Di-n-octyl phthalate
 Concen: 4.315 ng
 RT: 22.003 min Scan# 3250
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:149 Resp: 394399

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.7	6.9	10.3



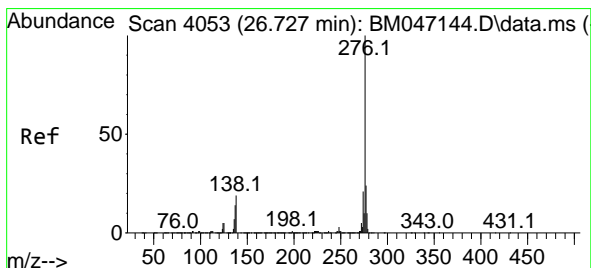
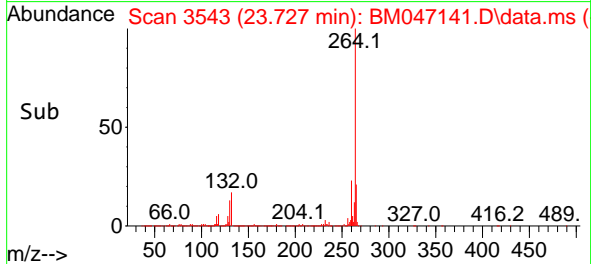
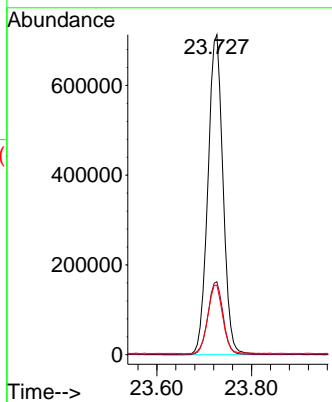
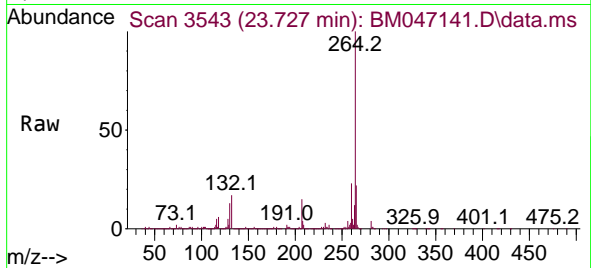


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tgt Ion:264 Resp: 1576050

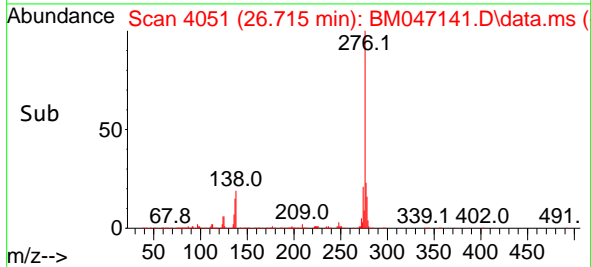
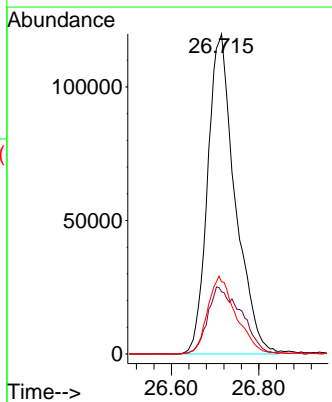
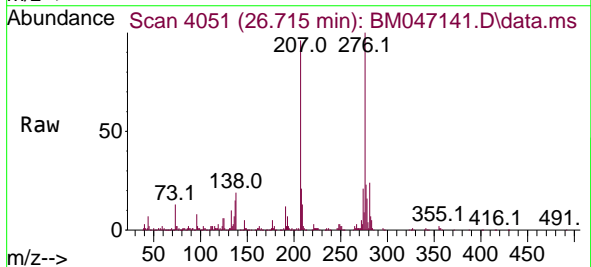
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	21.8	17.3	25.9

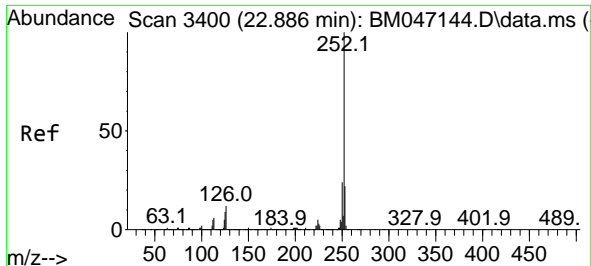


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.130 ng
 RT: 26.715 min Scan# 4051
 Delta R.T. -0.012 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:276 Resp: 522557

Ion	Ratio	Lower	Upper
276	100		
138	25.7	19.4	29.0
277	25.1	20.1	30.1



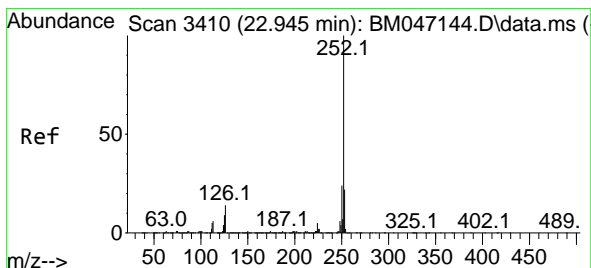
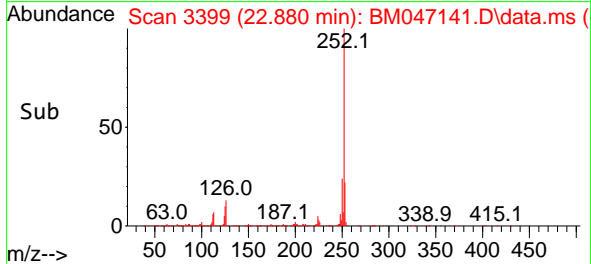
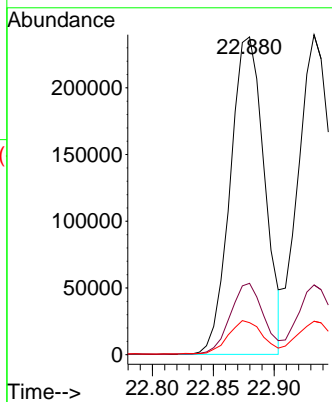
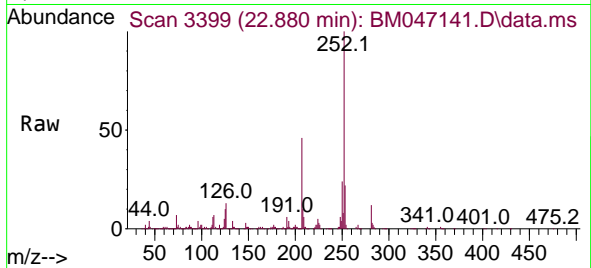


#88
 Benzo(b)fluoranthene
 Concen: 4.975 ng
 RT: 22.880 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tgt Ion:252 Resp: 465640

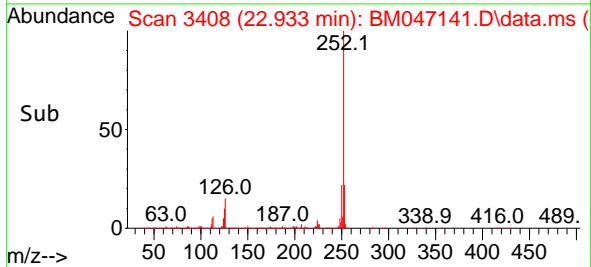
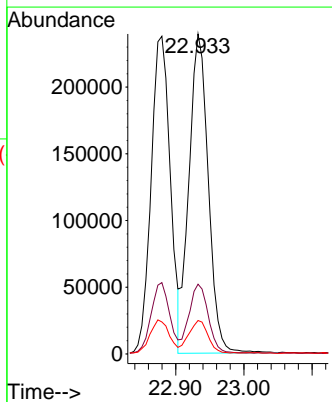
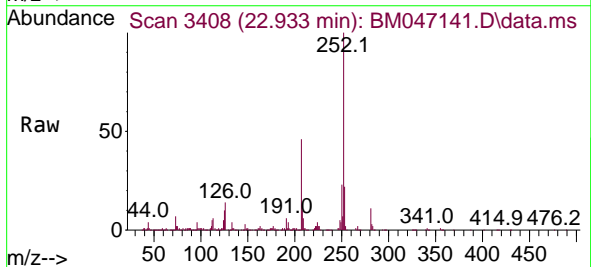
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.1	7.4	11.0

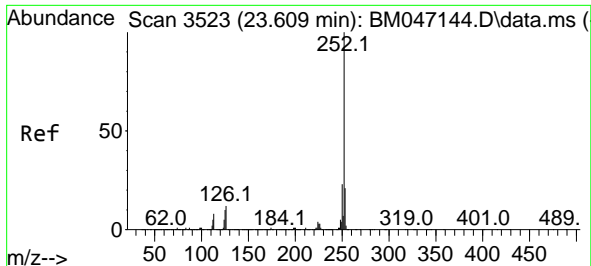


#89
 Benzo(k)fluoranthene
 Concen: 5.314 ng
 RT: 22.933 min Scan# 3408
 Delta R.T. -0.012 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:252 Resp: 469757

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.5	7.4	11.2



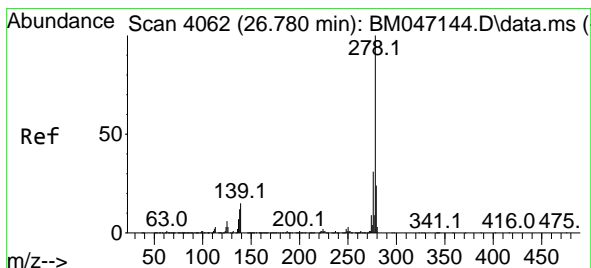
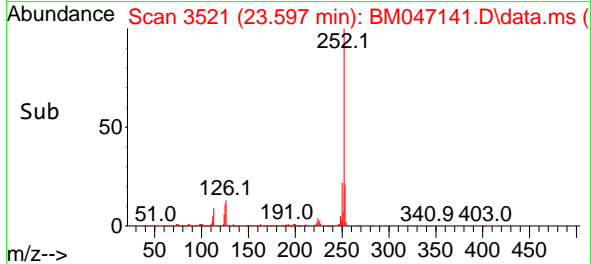
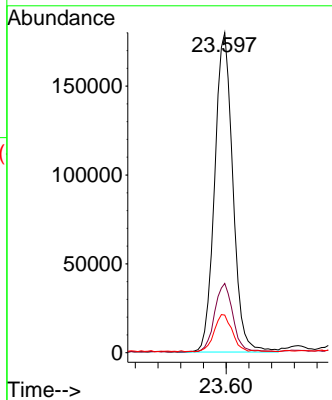
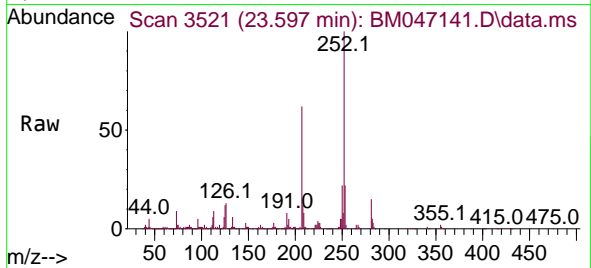


#90
 Benzo(a)pyrene
 Concen: 4.929 ng
 RT: 23.597 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tgt Ion:252 Resp: 399615

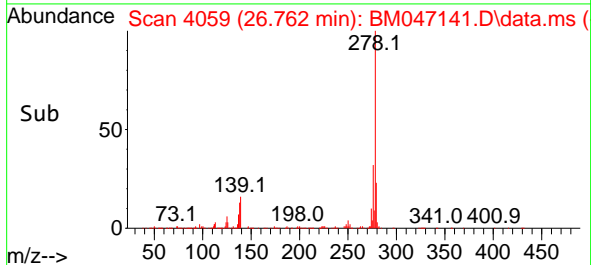
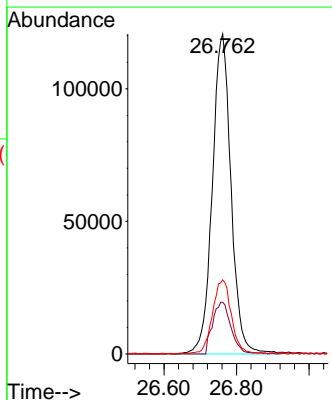
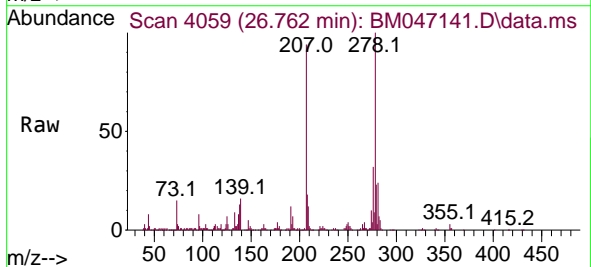
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	11.8	8.2	12.2

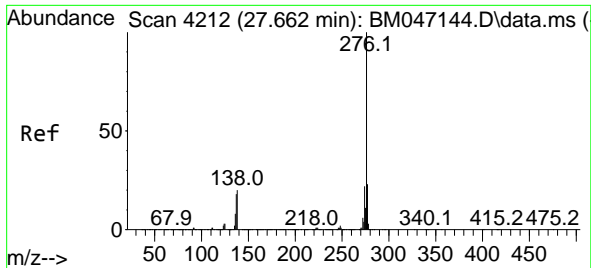


#91
 Dibenzo(a,h)anthracene
 Concen: 5.237 ng
 RT: 26.762 min Scan# 4059
 Delta R.T. -0.018 min
 Lab File: BM047141.D
 Acq: 10 Aug 2024 13:52

Tgt Ion:278 Resp: 431713

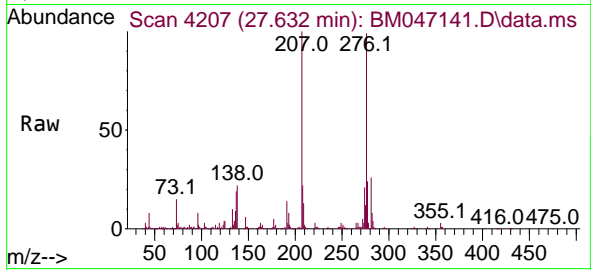
Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.0	18.0
279	23.1	19.2	28.8





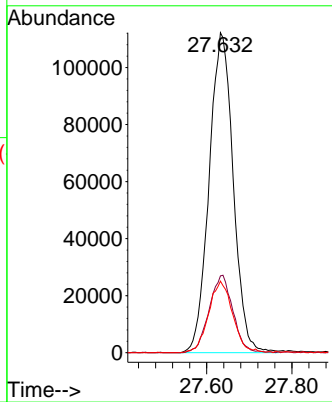
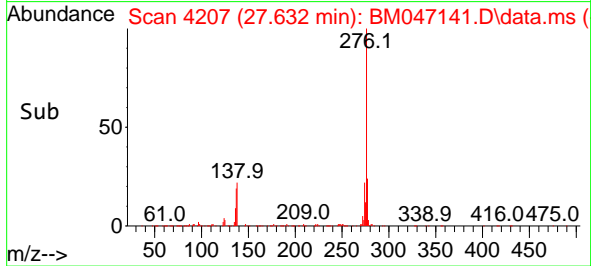
#92
Benzo(g,h,i)perylene
Concen: 5.151 ng
RT: 27.632 min Scan# 41
Delta R.T. -0.030 min
Lab File: BM047141.D
Acq: 10 Aug 2024 13:52

Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 276 Resp: 440920

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	22.4	16.2	24.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047142.D
 Acq On : 10 Aug 2024 14:31
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Quant Time: Aug 11 23:32:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:24:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	292955	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	1186627	20.000	ng	0.00
39) Acenaphthene-d10	14.033	164	788651	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1690400	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1593166	20.000	ng	0.00
86) Perylene-d12	23.727	264	1901592	20.000	ng	0.00

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	346900	21.159	ng	0.00
7) Phenol-d6	6.581	99	468308	20.730	ng	0.00
23) Nitrobenzene-d5	8.522	82	494443	20.981	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	183466	20.063	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	1057713	20.688	ng	0.00
79) Terphenyl-d14	19.456	244	1459931	19.636	ng	0.00

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Target Compounds							
2) 1,4-Dioxane	3.040	88	71740	10.561	ng		99
3) Pyridine	3.416	79	203646	10.230	ng		97
4) n-Nitrosodimethylamine	3.334	42	89658	10.302	ng	#	99
6) Aniline	6.722	93	222003	10.397	ng		99
8) 2-Chlorophenol	6.951	128	186177	10.412	ng		98
9) Benzaldehyde	6.540	77	153438	9.573	ng		99
10) Phenol	6.604	94	234318	10.395	ng		99
11) bis(2-Chloroethyl)ether	6.822	93	199316	10.325	ng		99
12) 1,3-Dichlorobenzene	7.263	146	220661	10.384	ng		99
13) 1,4-Dichlorobenzene	7.410	146	224423	10.431	ng		99
14) 1,2-Dichlorobenzene	7.716	146	215097	10.596	ng		98
15) Benzyl Alcohol	7.628	79	157264	9.781	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.910	45	260329	10.497	ng		98
17) 2-Methylphenol	7.834	107	154501	10.274	ng		99
18) Hexachloroethane	8.428	117	84578	10.149	ng		97
19) n-Nitroso-di-n-propyla...	8.181	70	160456	10.544	ng		97
20) 3+4-Methylphenols	8.157	107	211260	10.048	ng		98
22) Acetophenone	8.192	105	306786	10.711	ng		98
24) Nitrobenzene	8.563	77	253056	10.664	ng		99
25) Isophorone	9.086	82	418965	10.211	ng		100
26) 2-Nitrophenol	9.263	139	98575	9.380	ng		98
27) 2,4-Dimethylphenol	9.345	122	123790	10.056	ng		99
28) bis(2-Chloroethoxy)met...	9.575	93	273307	10.586	ng		99
29) 2,4-Dichlorophenol	9.792	162	178052	9.748	ng		99
30) 1,2,4-Trichlorobenzene	9.998	180	208733	10.098	ng		98
31) Naphthalene	10.181	128	617578	10.447	ng		99
32) Benzoic acid	9.457	122	125871	8.752	ng		96
33) 4-Chloroaniline	10.304	127	233198	10.258	ng		98
34) Hexachlorobutadiene	10.469	225	118512	9.795	ng		99
35) Caprolactam	11.086	113	61384	9.677	ng		98
36) 4-Chloro-3-methylphenol	11.451	107	192243	9.883	ng		94
37) 2-Methylnaphthalene	11.804	142	433416	10.298	ng		99
38) 1-Methylnaphthalene	12.027	142	430690	10.354	ng		100
40) 1,2,4,5-Tetrachloroben...	12.186	216	209468	9.738	ng		99
41) Hexachlorocyclopentadiene	12.163	237	70782	9.423	ng		96
43) 2,4,6-Trichlorophenol	12.445	196	146662	9.593	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047142.D
 Acq On : 10 Aug 2024 14:31
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Quant Time: Aug 11 23:32:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:24:37 2024
 Response via : Initial Calibration

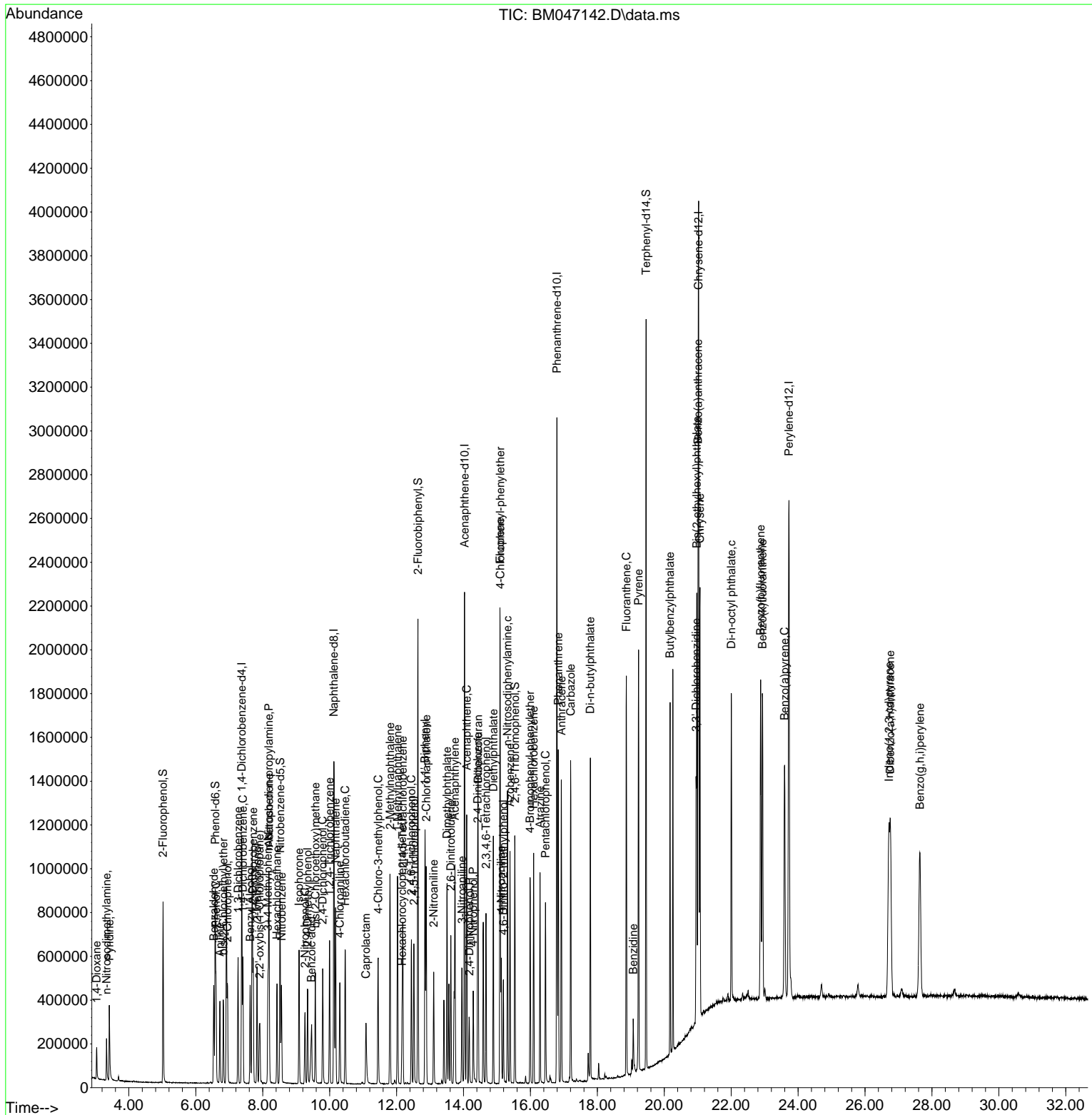
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.522	196	161605	9.520	ng	98
46) 1,1'-Biphenyl	12.851	154	584326	10.407	ng	99
47) 2-Chloronaphthalene	12.886	162	460927	10.503	ng	99
48) 2-Nitroaniline	13.110	65	136444	9.925	ng	95
49) Acenaphthylene	13.745	152	669998	10.358	ng	100
50) Dimethylphthalate	13.510	163	565056	10.259	ng	100
51) 2,6-Dinitrotoluene	13.621	165	128162	9.954	ng	95
52) Acenaphthene	14.098	154	425366	10.367	ng	98
53) 3-Nitroaniline	13.957	138	124808	9.674	ng	96
54) 2,4-Dinitrophenol	14.174	184	60036	7.780	ng	96
55) Dibenzofuran	14.439	168	682447	10.530	ng	99
56) 4-Nitrophenol	14.292	139	105813	9.511	ng	94
57) 2,4-Dinitrotoluene	14.421	165	171542	9.982	ng	92
58) Fluorene	15.092	166	562937	10.527	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.674	232	135880	9.739	ng	96
60) Diethylphthalate	14.892	149	586005	10.418	ng	98
61) 4-Chlorophenyl-phenyle...	15.098	204	261449	10.269	ng	98
62) 4-Nitroaniline	15.127	138	127938m	10.065	ng	
63) Azobenzene	15.392	77	569823	10.685	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	90017	9.095	ng	95
66) n-Nitrosodiphenylamine	15.315	169	473749	10.289	ng	98
67) 4-Bromophenyl-phenylether	15.992	248	160370	9.845	ng	95
68) Hexachlorobenzene	16.098	284	198141	10.157	ng	97
69) Atrazine	16.286	200	157170	11.344	ng	98
70) Pentachlorophenol	16.451	266	128691	9.411	ng	99
71) Phenanthrene	16.833	178	874873	10.313	ng	99
72) Anthracene	16.927	178	845520	10.243	ng	99
73) Carbazole	17.204	167	879612	10.437	ng	99
74) Di-n-butylphthalate	17.792	149	1003294	10.231	ng	100
75) Fluoranthene	18.868	202	1047590	10.152	ng	99
77) Benzidine	19.074	184	151348	5.602	ng	100
78) Pyrene	19.233	202	1113925	9.792	ng	99
80) Butylbenzylphthalate	20.174	149	439513	9.467	ng	99
81) Benzo(a)anthracene	21.009	228	1060395	10.026	ng	100
82) 3,3'-Dichlorobenzidine	20.950	252	311004	9.398	ng	99
83) Chrysene	21.068	228	1022315	10.188	ng	99
84) Bis(2-ethylhexyl)phtha...	20.974	149	643719	9.777	ng	100
85) Di-n-octyl phthalate	22.003	149	1048294	9.368	ng	98
87) Indeno(1,2,3-cd)pyrene	26.715	276	1216673	9.899	ng	99
88) Benzo(b)fluoranthene	22.880	252	1140578	10.100	ng	98
89) Benzo(k)fluoranthene	22.933	252	1078126	10.108	ng	99
90) Benzo(a)pyrene	23.597	252	965036	9.865	ng	99
91) Dibenzo(a,h)anthracene	26.756	278	999745	10.051	ng	99
92) Benzo(g,h,i)perylene	27.644	276	1029079	9.964	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

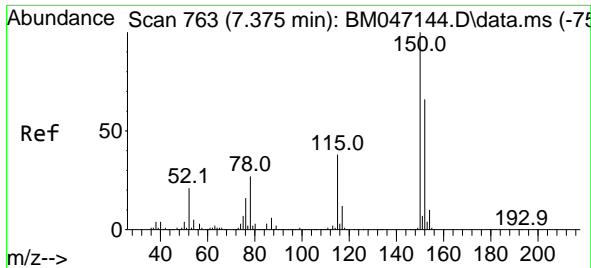
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Acq On : 10 Aug 2024 14:31
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Aug 11 23:32:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:24:37 2024
Response via : Initial Calibration

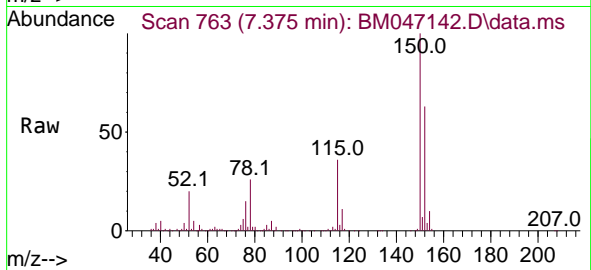


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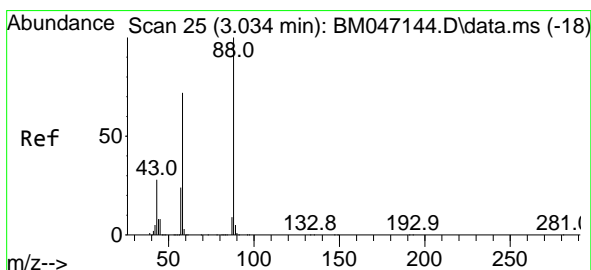
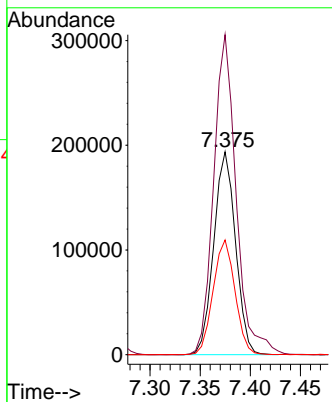
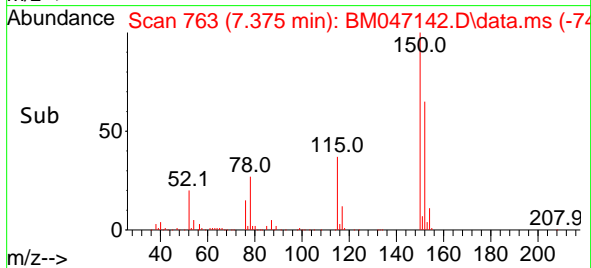


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.375 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

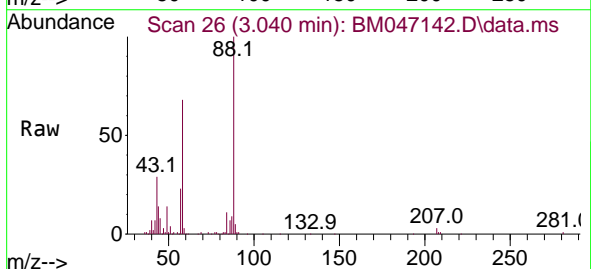
Instrument :
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 ClientSampleId :
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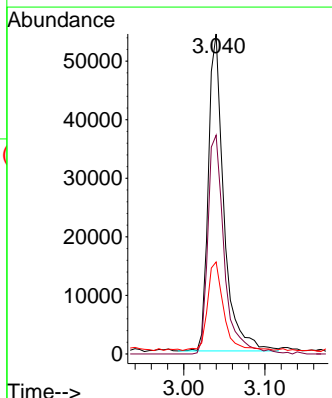
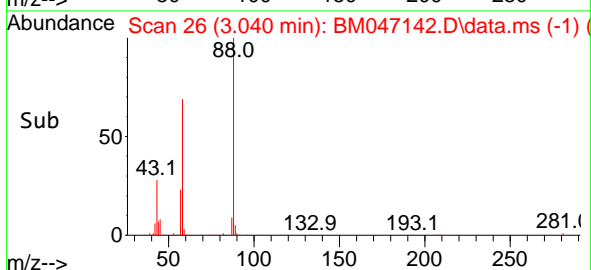
Tgt Ion:152 Resp: 292955
 Ion Ratio Lower Upper
 152 100
 150 157.7 120.5 180.7
 115 56.5 45.5 68.3

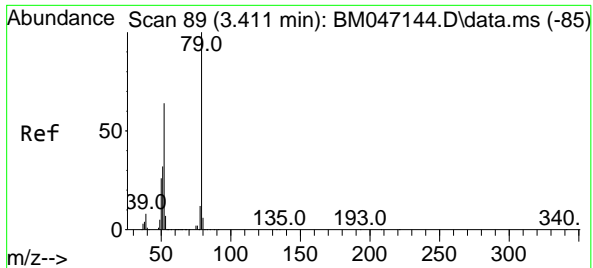


#2
 1,4-Dioxane
 Concen: 10.561 ng
 RT: 3.040 min Scan# 26
 Delta R.T. 0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31



Tgt Ion: 88 Resp: 71740
 Ion Ratio Lower Upper
 88 100
 58 73.3 58.2 87.4
 43 28.9 22.5 33.7

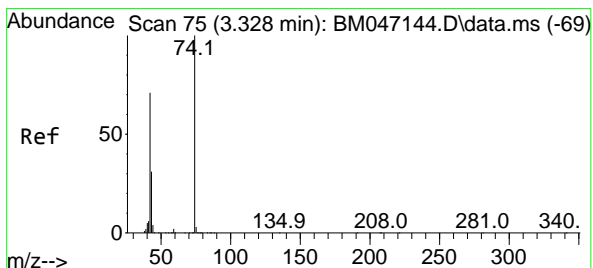
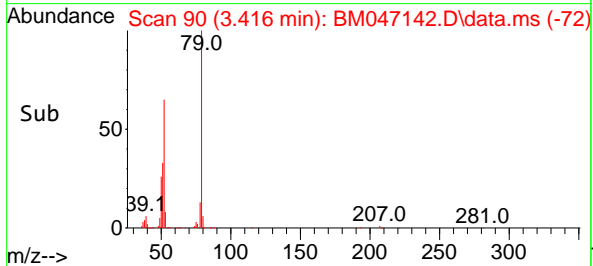
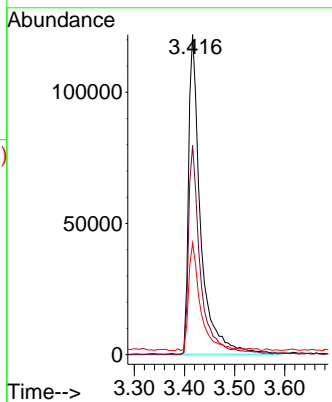
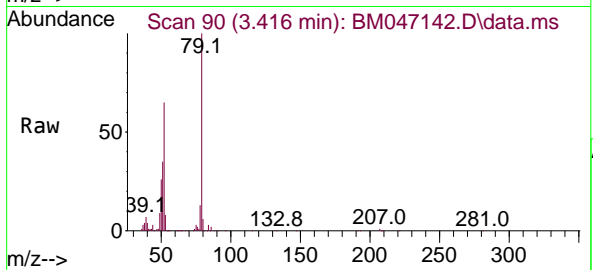




#3
 Pyridine
 Concen: 10.230 ng
 RT: 3.416 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

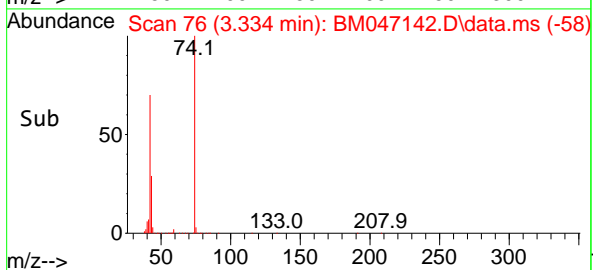
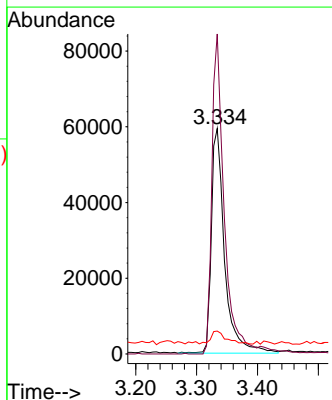
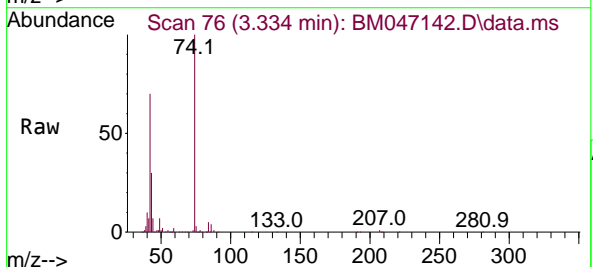
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

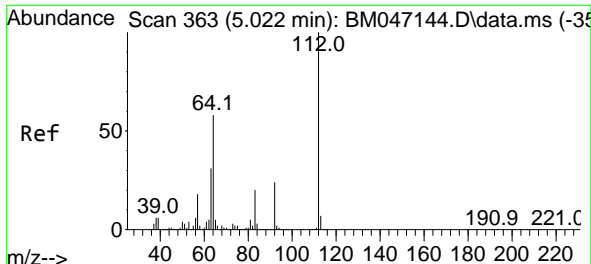
Tgt Ion: 79 Resp: 203646
 Ion Ratio Lower Upper
 79 100
 52 65.3 51.2 76.8
 51 34.9 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 10.302 ng
 RT: 3.334 min Scan# 76
 Delta R.T. 0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion: 42 Resp: 89658
 Ion Ratio Lower Upper
 42 100
 74 141.9 112.9 169.3
 44 10.2 5.3 7.9



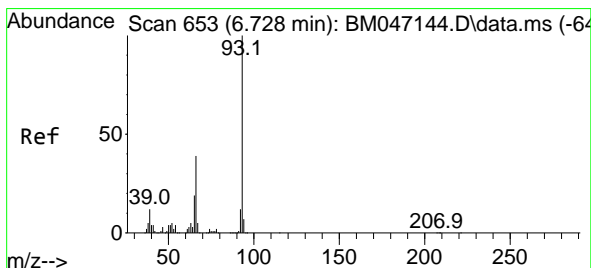
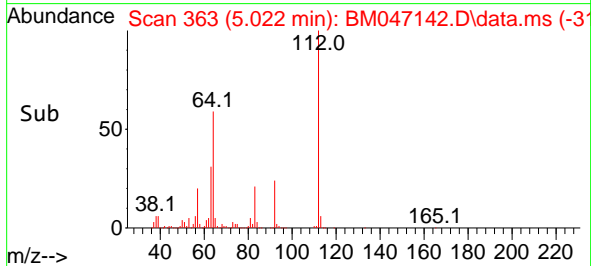
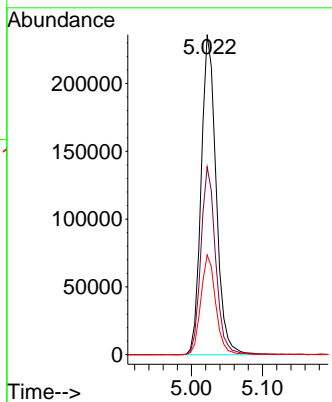
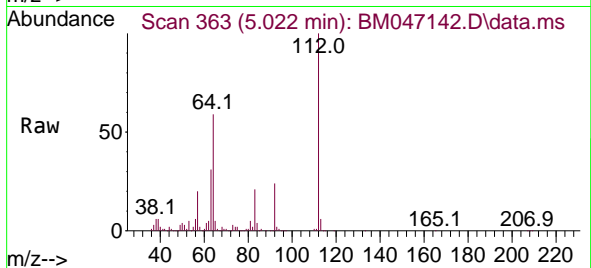


#5
 2-Fluorophenol
 Concen: 21.159 ng
 RT: 5.022 min Scan# 363
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument : BNA_M
 ClientSampleId : SSTDICC010

Tgt Ion:112 Resp: 346900

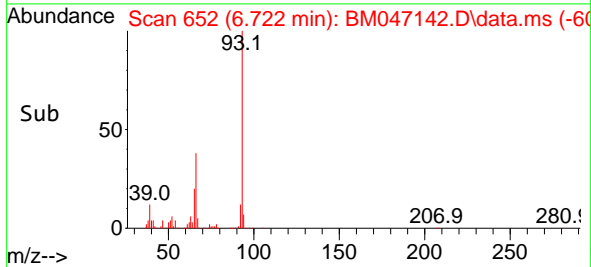
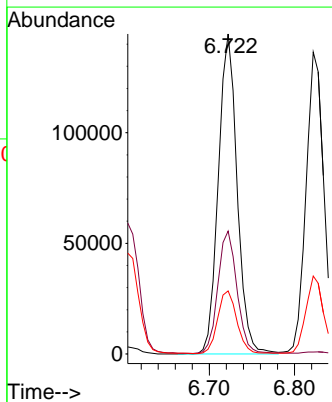
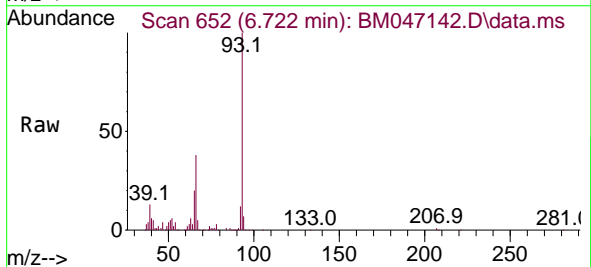
Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.7	70.1
63	31.2	24.8	37.2

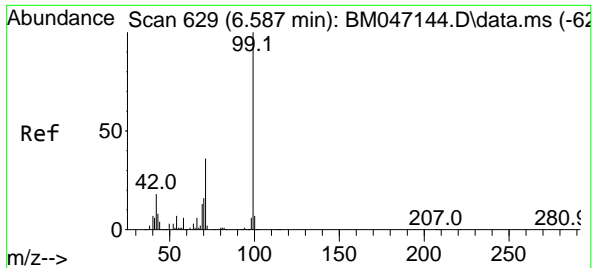


#6
 Aniline
 Concen: 10.397 ng
 RT: 6.722 min Scan# 652
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion: 93 Resp: 222003

Ion	Ratio	Lower	Upper
93	100		
66	38.4	31.4	47.2
65	19.7	15.6	23.4

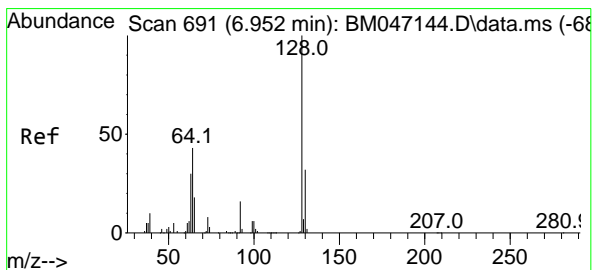
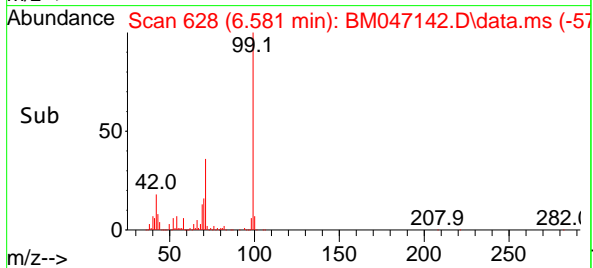
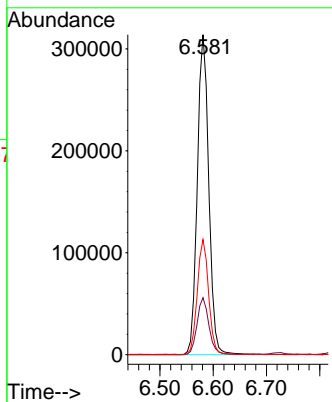
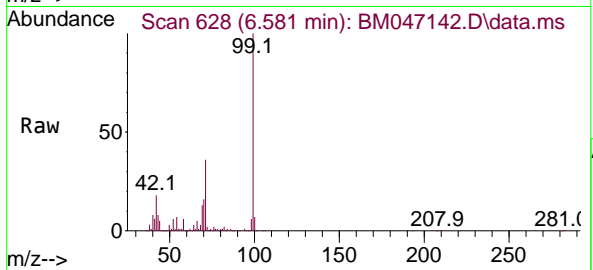




#7
 Phenol-d6
 Concen: 20.730 ng
 RT: 6.581 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

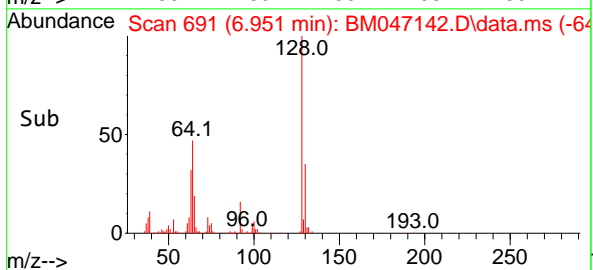
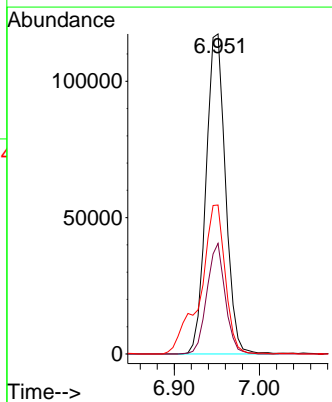
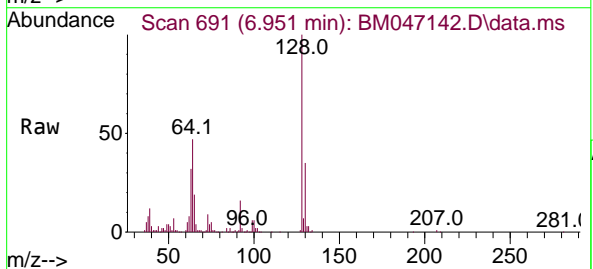
Instrument :
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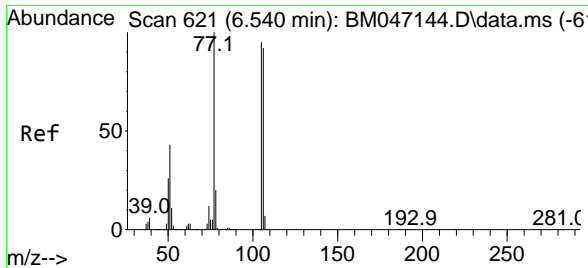
Tgt Ion	Resp	Lower	Upper
99	468308		
99	100		
42	17.8	14.1	21.1
71	36.0	28.5	42.7



#8
 2-Chlorophenol
 Concen: 10.412 ng
 RT: 6.951 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion	Resp	Lower	Upper
128	186177		
128	100		
130	34.6	12.1	52.1
64	46.6	26.6	66.6



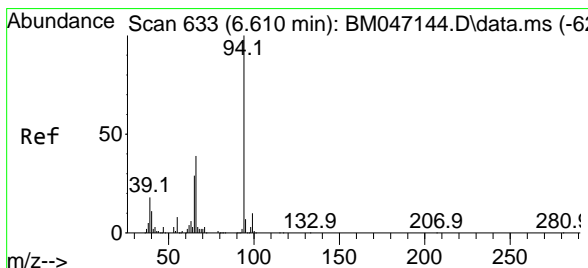
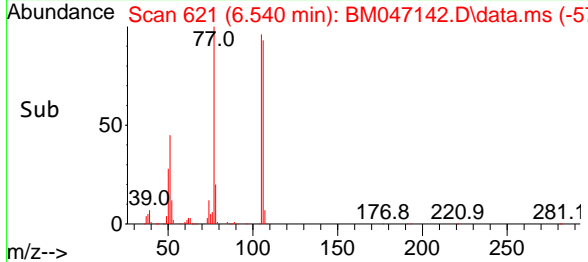
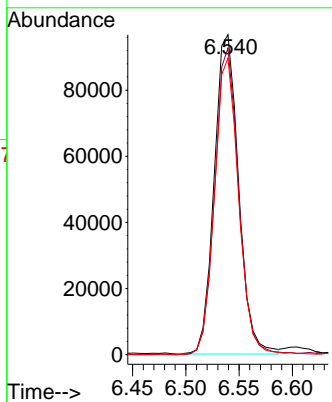
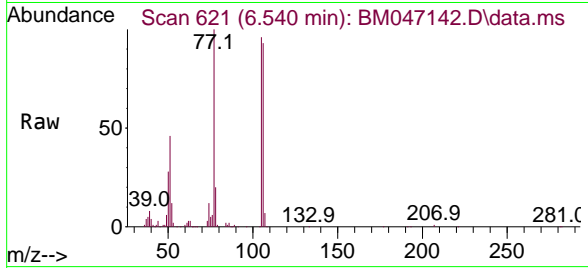


#9
Benzaldehyde
Concen: 9.573 ng
RT: 6.540 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047142.D
Acq: 10 Aug 2024 14:31

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 153438

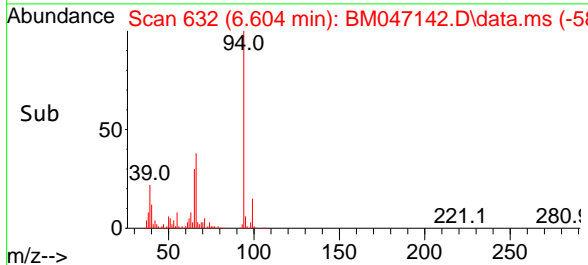
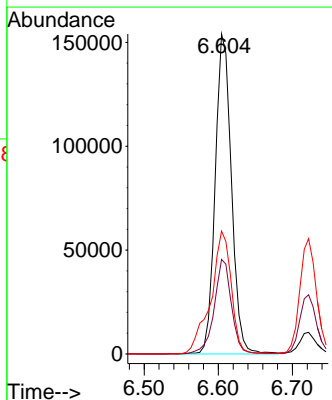
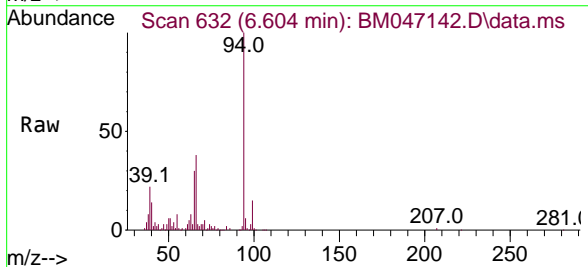
Ion	Ratio	Lower	Upper
77	100		
105	95.8	74.5	114.5
106	92.7	72.3	112.3

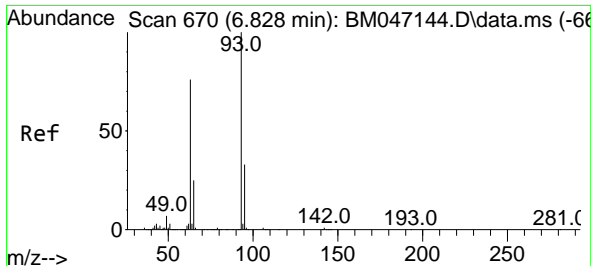


#10
Phenol
Concen: 10.395 ng
RT: 6.604 min Scan# 632
Delta R.T. -0.006 min
Lab File: BM047142.D
Acq: 10 Aug 2024 14:31

Tgt Ion: 94 Resp: 234318

Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.0	49.0
66	38.4	18.9	58.9





#11
 bis(2-Chloroethyl)ether
 Concen: 10.325 ng
 RT: 6.822 min Scan# 609
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :

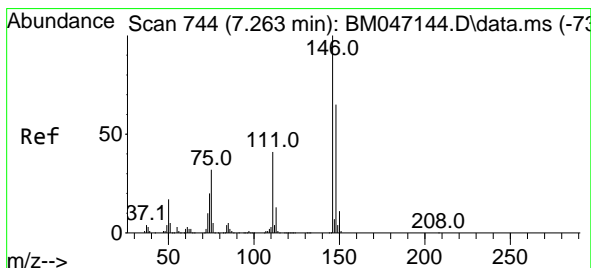
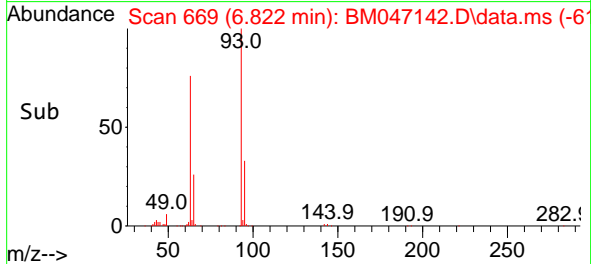
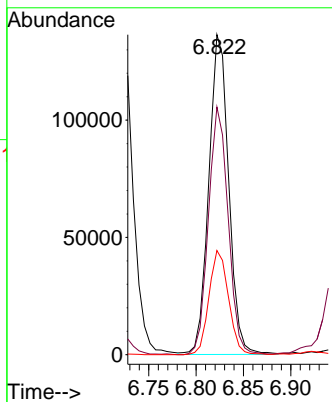
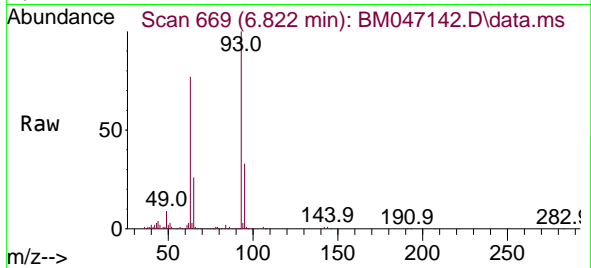
BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 199316

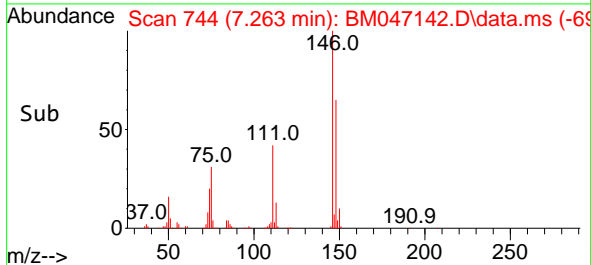
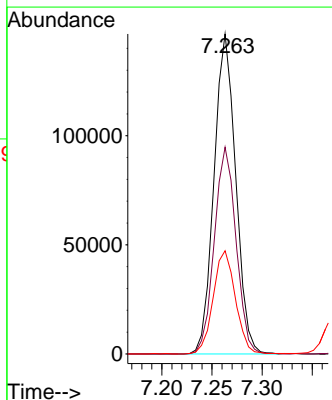
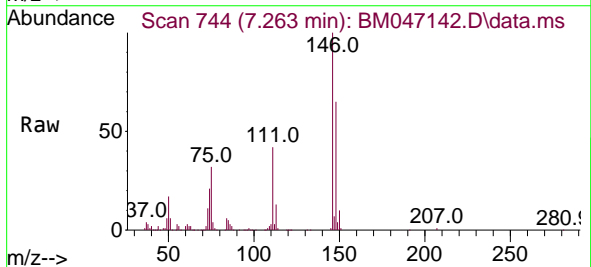
Ion	Ratio	Lower	Upper
93	100		
63	77.4	55.8	95.8
95	32.6	12.7	52.7

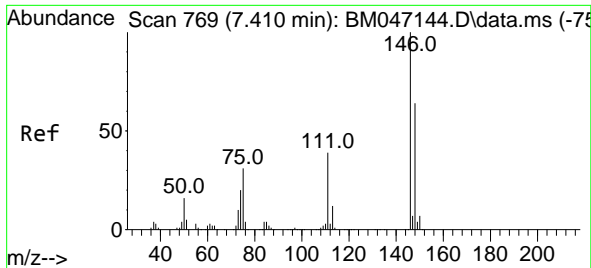


#12
 1,3-Dichlorobenzene
 Concen: 10.384 ng
 RT: 7.263 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion: 146 Resp: 220661

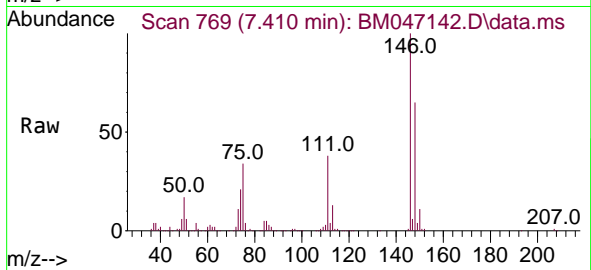
Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.3	78.5
75	32.3	25.8	38.6



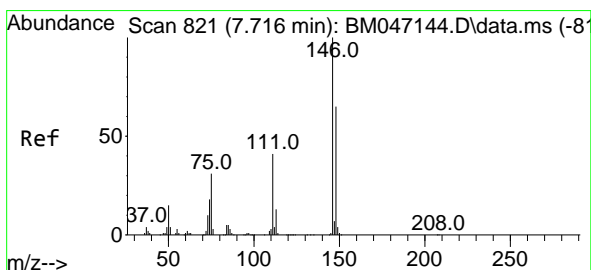
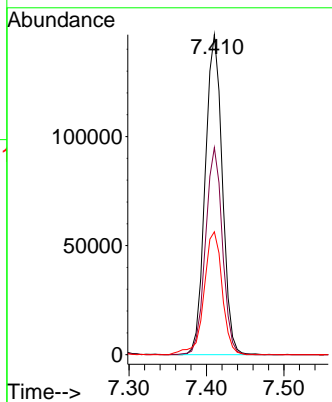
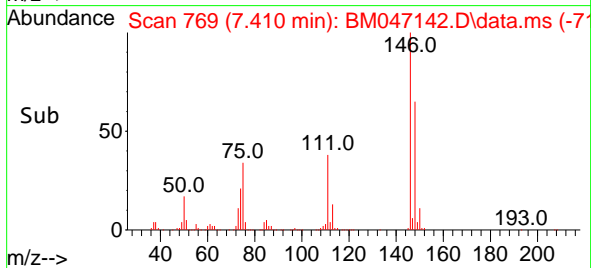


#13
 1,4-Dichlorobenzene
 Concen: 10.431 ng
 RT: 7.410 min Scan# 701
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

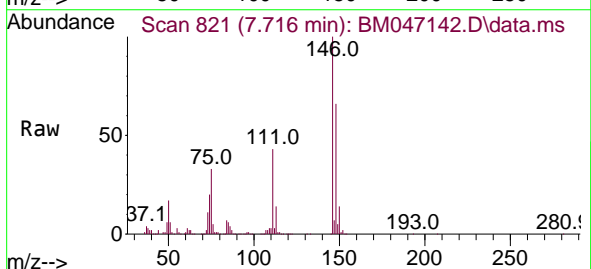
Instrument : BNA_M
 Client Sample Id : SSTDICC010



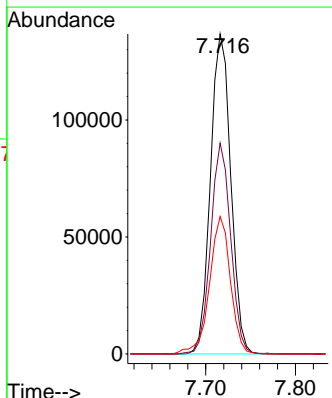
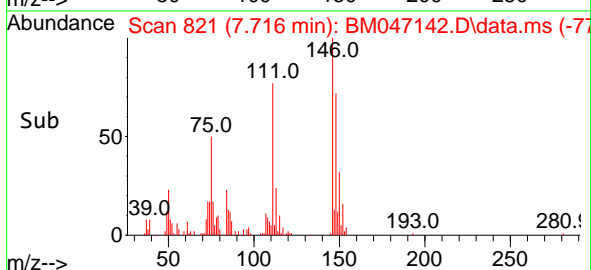
Tgt Ion:146 Resp: 224423
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.2
 111 38.4 31.5 47.3

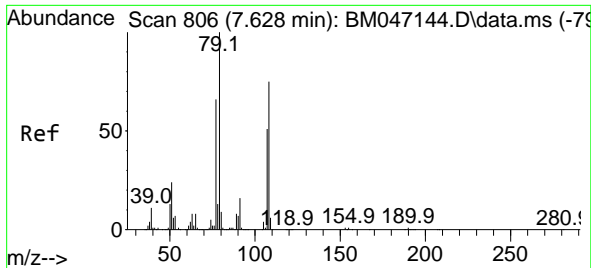


#14
 1,2-Dichlorobenzene
 Concen: 10.596 ng
 RT: 7.716 min Scan# 821
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31



Tgt Ion:146 Resp: 215097
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.8 77.8
 111 43.0 33.3 49.9

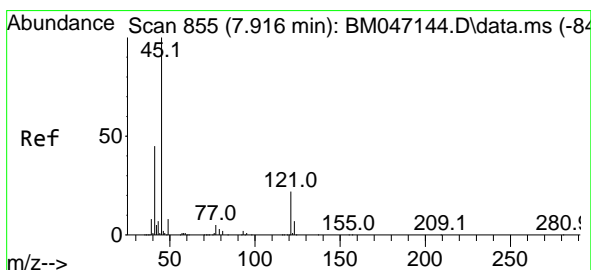
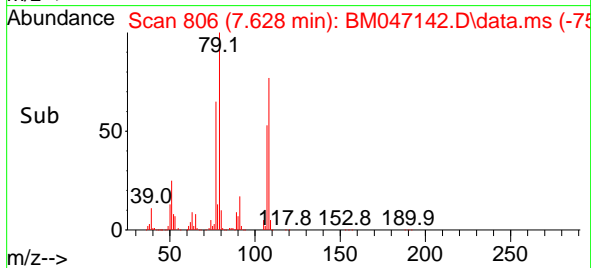
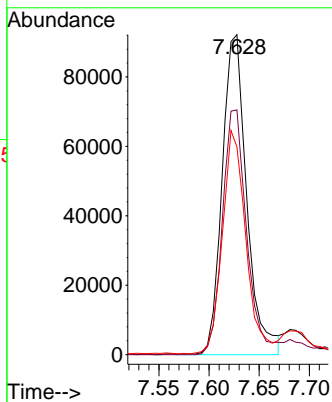
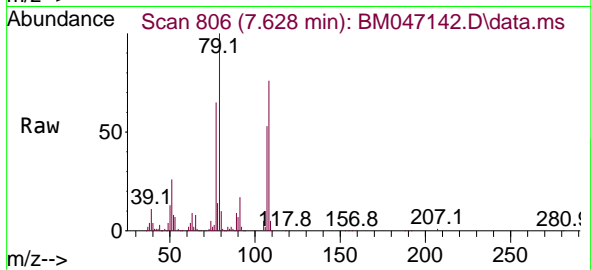




#15
 Benzyl Alcohol
 Concen: 9.781 ng
 RT: 7.628 min Scan# 806
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

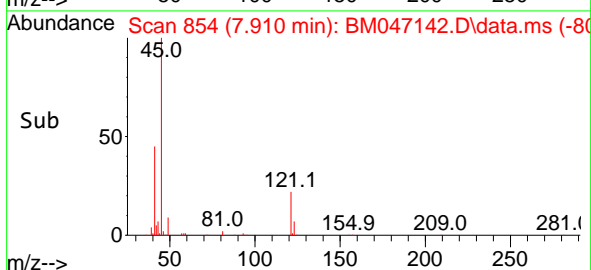
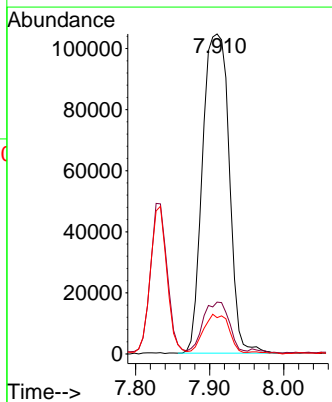
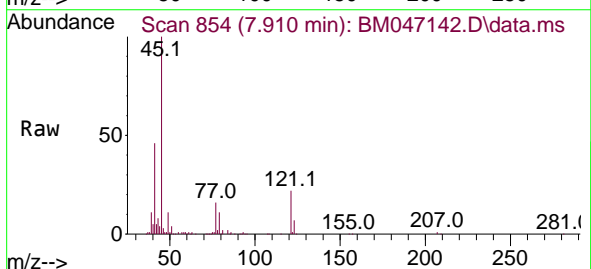
Instrument : BNA_M
 Client Sample Id : BM047142.D
 SSTDICC010

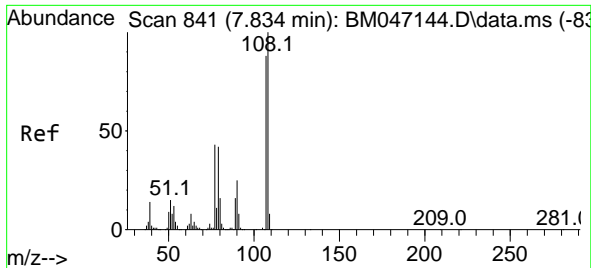
Tgt Ion	Resp	Lower	Upper
79	157264		
108	76.5	59.7	89.5
77	65.0	52.9	79.3



#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 10.497 ng
 RT: 7.910 min Scan# 854
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

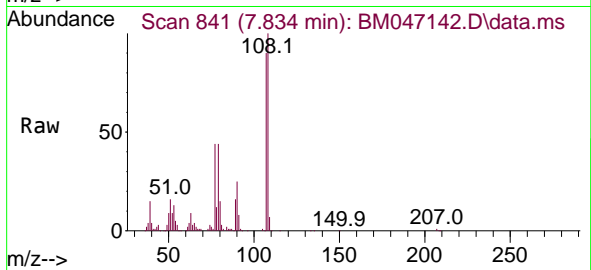
Tgt Ion	Resp	Lower	Upper
45	260329		
77	16.2	0.0	35.6
79	11.4	0.0	32.4





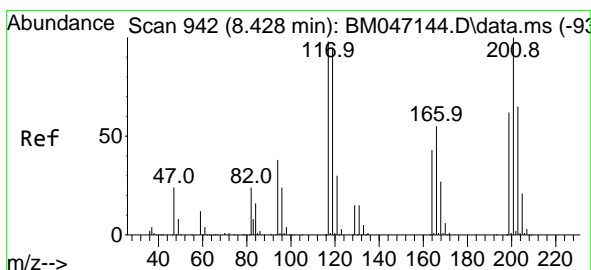
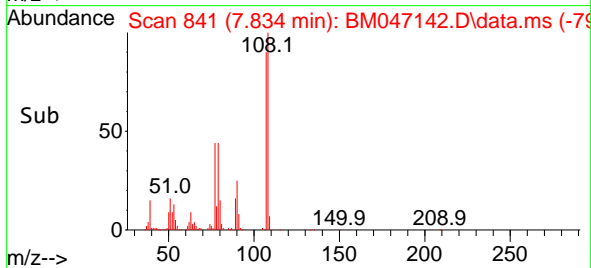
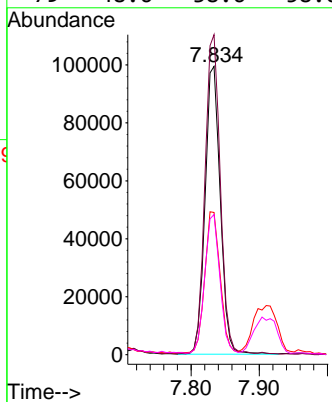
#17
 2-Methylphenol
 Concen: 10.274 ng
 RT: 7.834 min Scan# 841
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument : BNA_M
 Client Sample Id : SSTDIC010



Tgt Ion:107 Resp: 154501

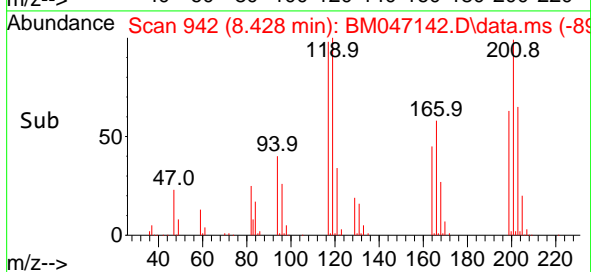
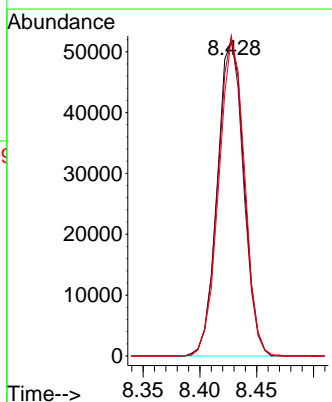
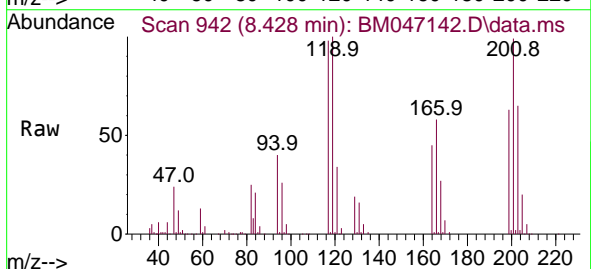
Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.6	135.8
77	49.4	39.3	58.9
79	48.6	38.6	58.0

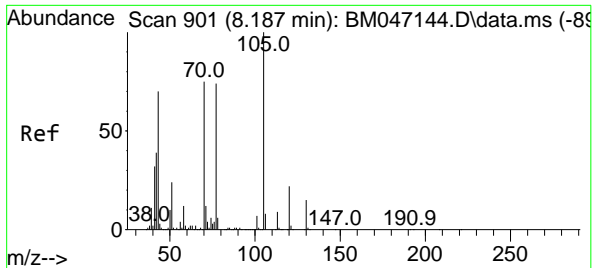


#18
 Hexachloroethane
 Concen: 10.149 ng
 RT: 8.428 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:117 Resp: 84578

Ion	Ratio	Lower	Upper
117	100		
119	101.9	77.0	115.4
201	101.2	81.3	121.9





#19
 n-Nitroso-di-n-propylamine
 Concen: 10.544 ng
 RT: 8.181 min Scan# 901
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :

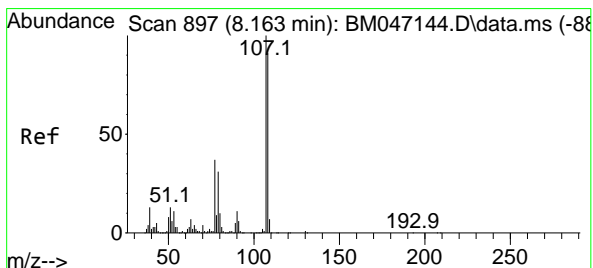
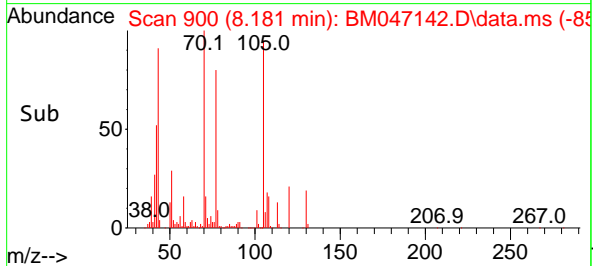
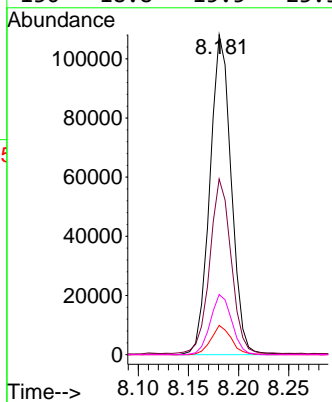
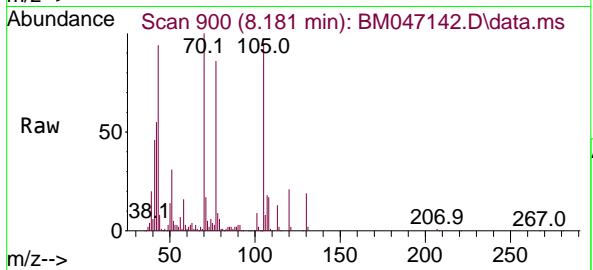
BNA_M

Client Sample Id :

SSTDICC010

Tgt Ion: 70 Resp: 160456

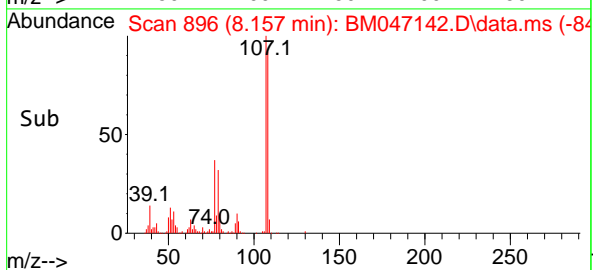
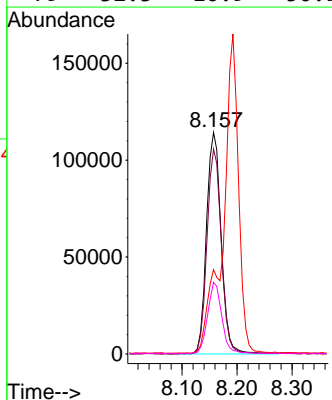
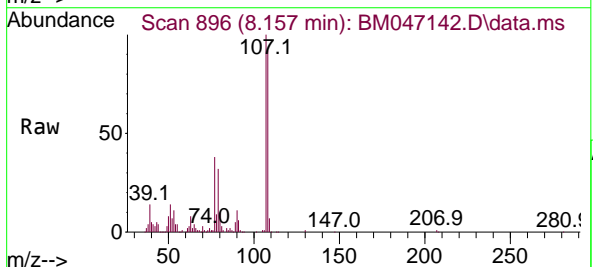
Ion	Ratio	Lower	Upper
70	100		
42	54.9	42.0	63.0
101	9.2	7.2	10.8
130	18.8	15.5	23.3

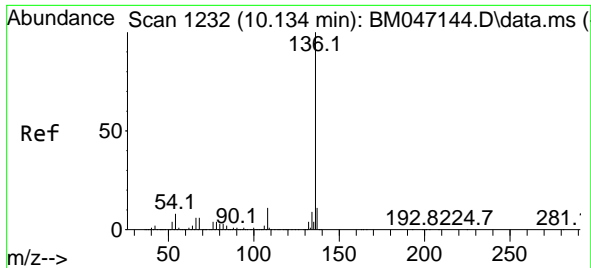


#20
 3+4-Methylphenols
 Concen: 10.048 ng
 RT: 8.157 min Scan# 896
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion: 107 Resp: 211260

Ion	Ratio	Lower	Upper
107	100		
108	92.4	70.7	110.7
77	38.0	17.4	57.4
79	32.3	10.9	50.9





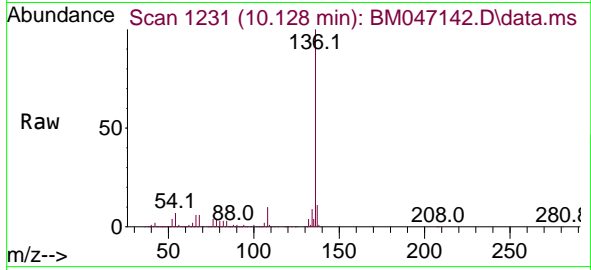
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.128 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :

BNA_M

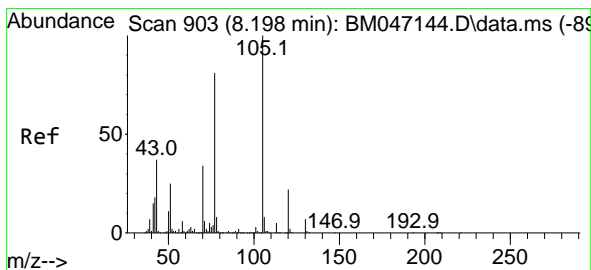
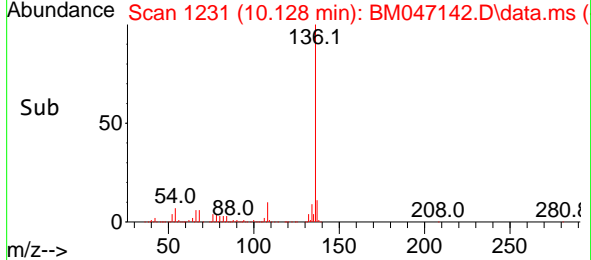
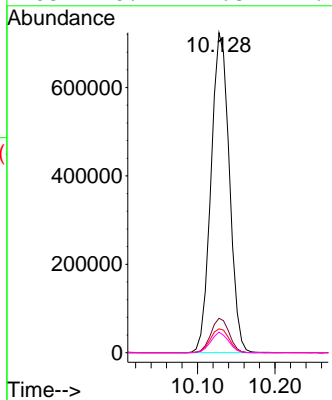
Client Sample Id :

SSTDICC010



Tgt Ion:136 Resp: 1186627

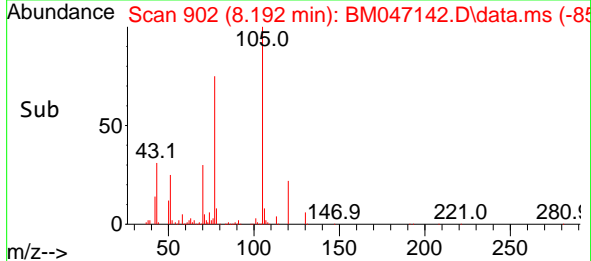
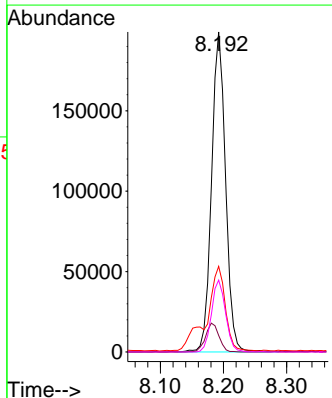
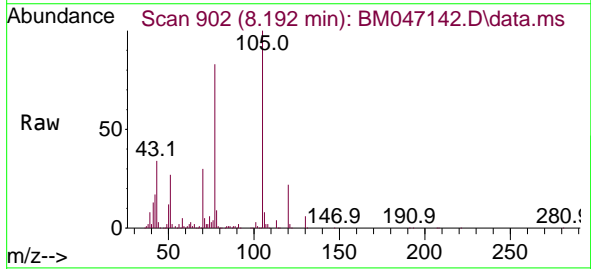
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.5	6.0	9.0
68	6.4	4.8	7.2

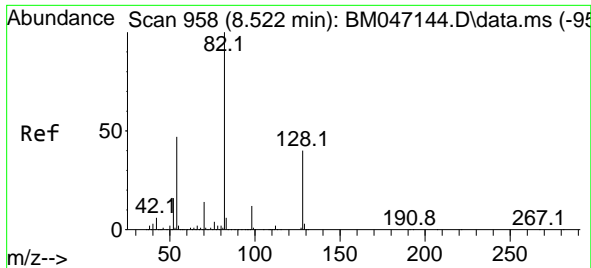


#22
 Acetophenone
 Concen: 10.711 ng
 RT: 8.192 min Scan# 902
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:105 Resp: 306786

Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.5	6.7
51	26.8	20.1	30.1
120	22.4	17.8	26.6





#23
 Nitrobenzene-d5
 Concen: 20.981 ng
 RT: 8.522 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :

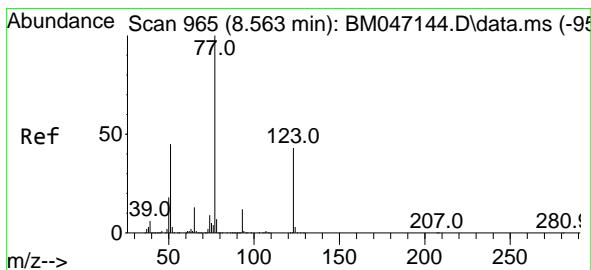
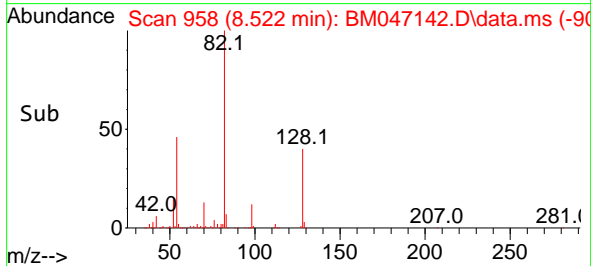
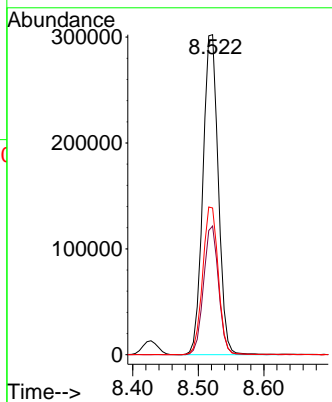
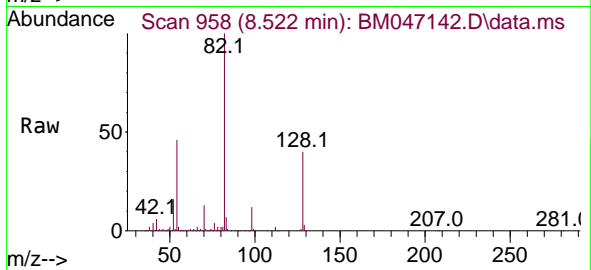
BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 494443

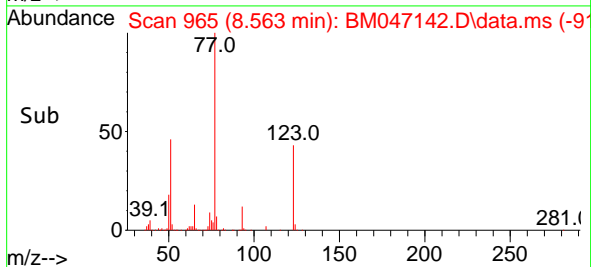
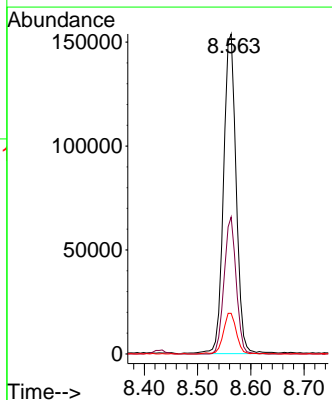
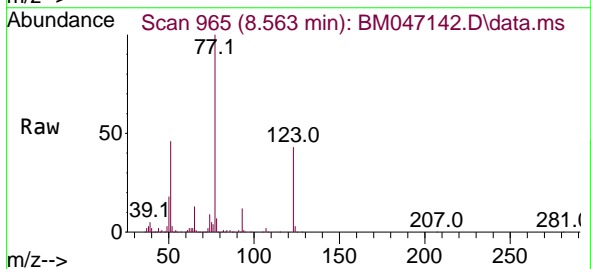
Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.3	48.5
54	45.9	37.4	56.2

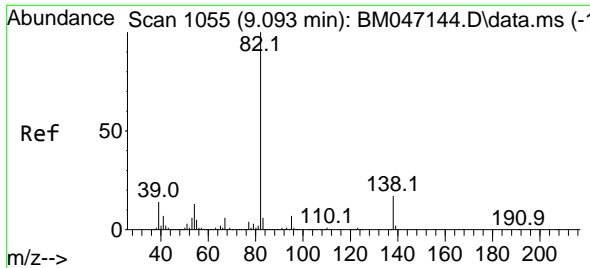


#24
 Nitrobenzene
 Concen: 10.664 ng
 RT: 8.563 min Scan# 965
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion: 77 Resp: 253056

Ion	Ratio	Lower	Upper
77	100		
123	42.8	34.0	51.0
65	12.7	10.5	15.7



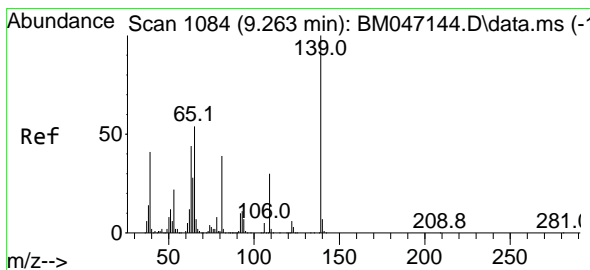
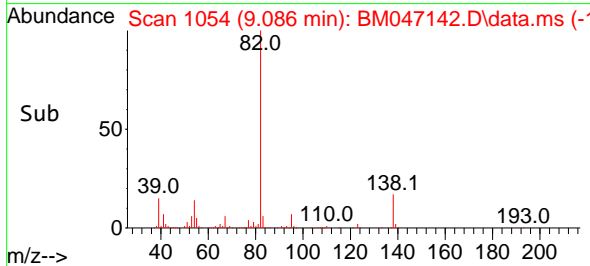
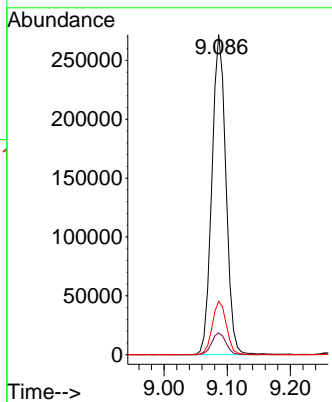
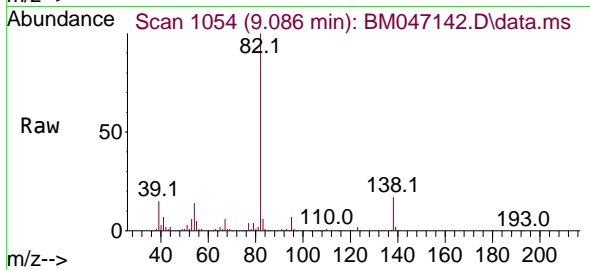


#25
 Isophorone
 Concen: 10.211 ng
 RT: 9.086 min Scan# 1054
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument : BNA_M
 ClientSampleId : SSTDICC010

Tgt Ion: 82 Resp: 418965

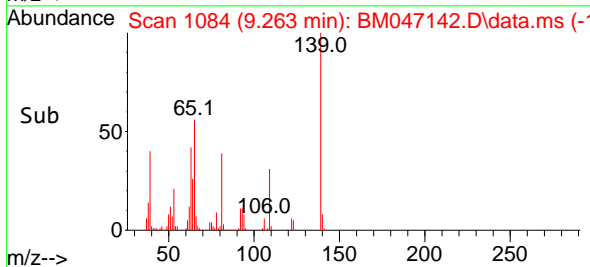
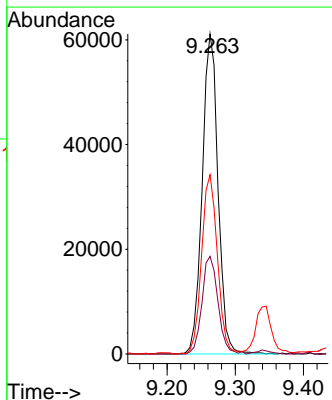
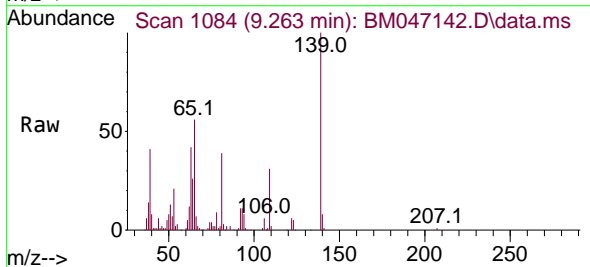
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	16.6	13.5	20.3

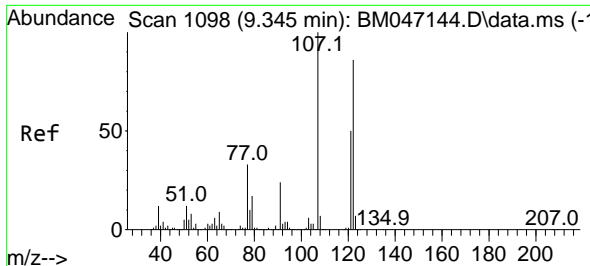


#26
 2-Nitrophenol
 Concen: 9.380 ng
 RT: 9.263 min Scan# 1084
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion: 139 Resp: 98575

Ion	Ratio	Lower	Upper
139	100		
109	30.5	24.4	36.6
65	56.0	43.0	64.6



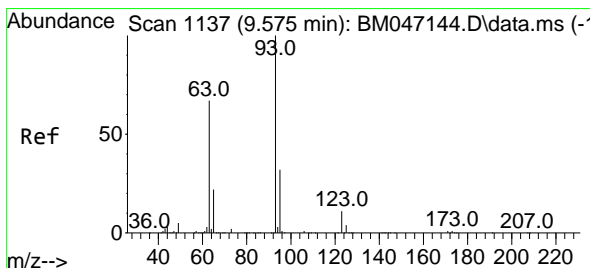
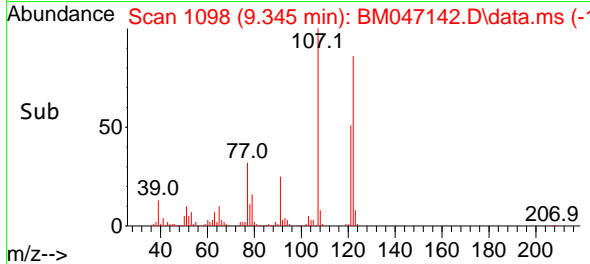
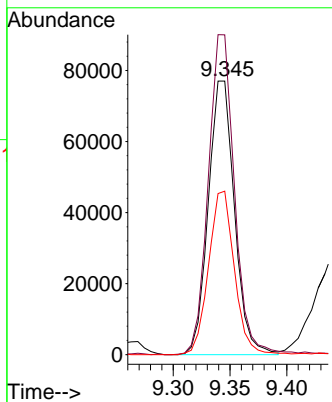
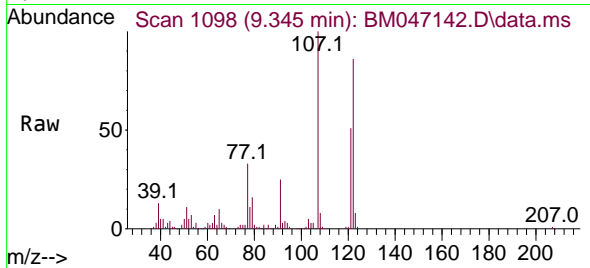


#27
 2,4-Dimethylphenol
 Concen: 10.056 ng
 RT: 9.345 min Scan# 1098
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument : BNA_M
 ClientSampleId : SSTDICC010

Tgt Ion: 122 Resp: 123790

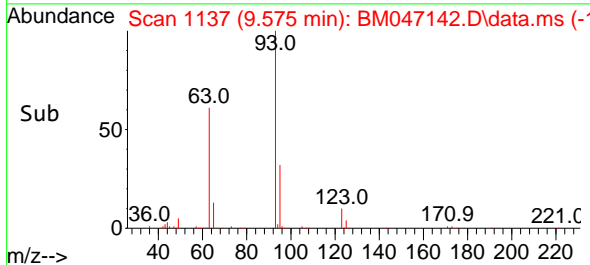
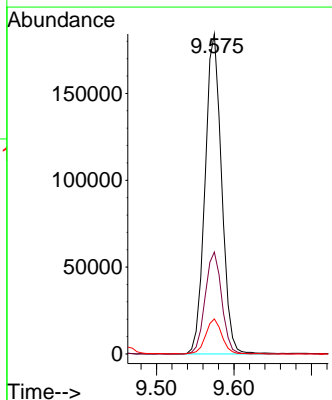
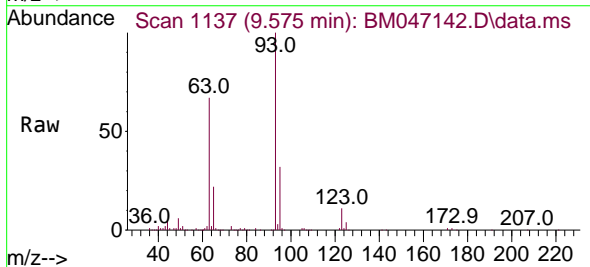
Ion	Ratio	Lower	Upper
122	100		
107	116.9	92.8	139.2
121	59.8	46.1	69.1

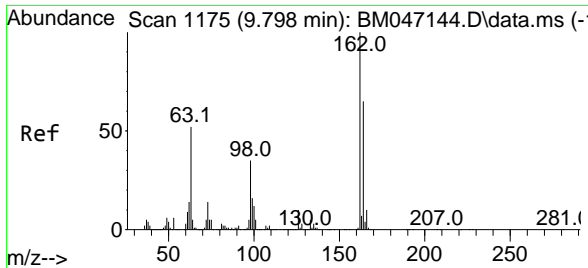


#28
 bis(2-Chloroethoxy)methane
 Concen: 10.586 ng
 RT: 9.575 min Scan# 1137
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion: 93 Resp: 273307

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.8	38.8
123	10.9	9.0	13.4





#29
 2,4-Dichlorophenol
 Concen: 9.748 ng
 RT: 9.792 min Scan# 1174
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :

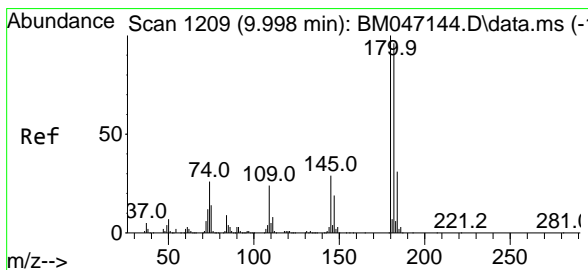
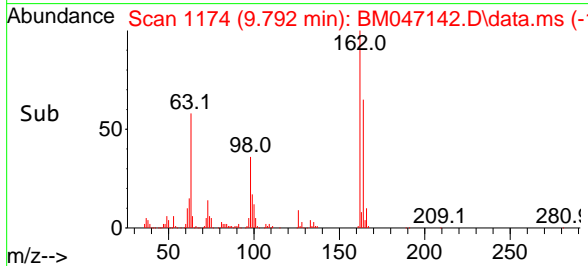
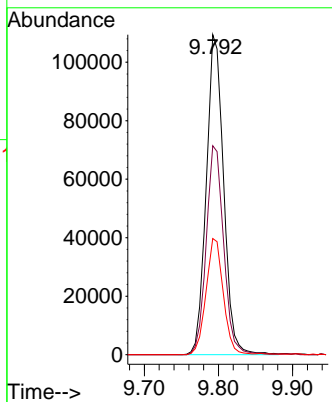
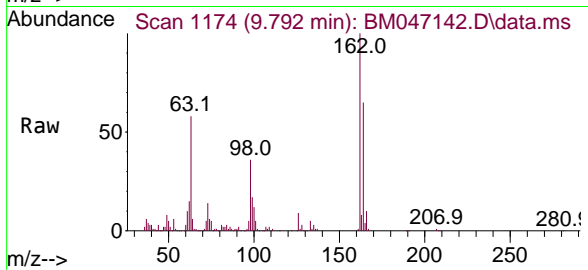
BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 178052

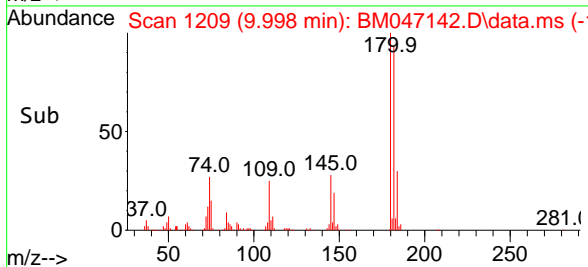
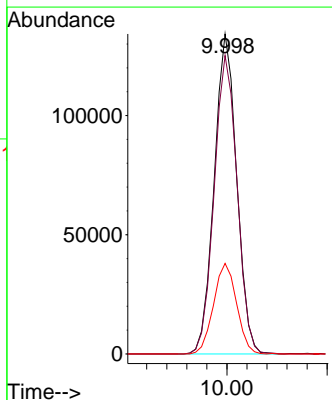
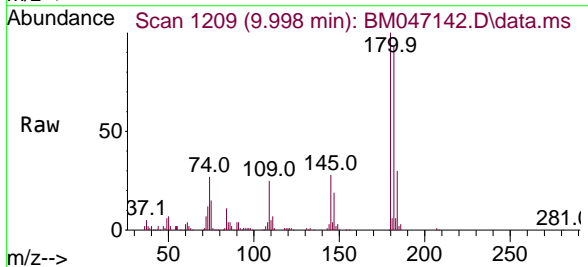
Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.7	84.7
98	36.3	14.9	54.9

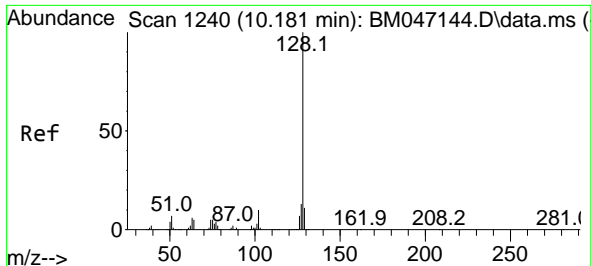


#30
 1,2,4-Trichlorobenzene
 Concen: 10.098 ng
 RT: 9.998 min Scan# 1209
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:180 Resp: 208733

Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.6	115.0
145	28.3	23.4	35.2





#31
 Naphthalene
 Concen: 10.447 ng
 RT: 10.181 min Scan# 1117
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

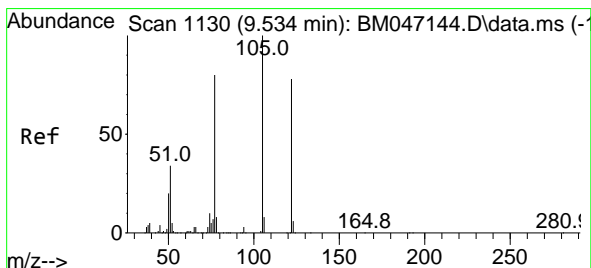
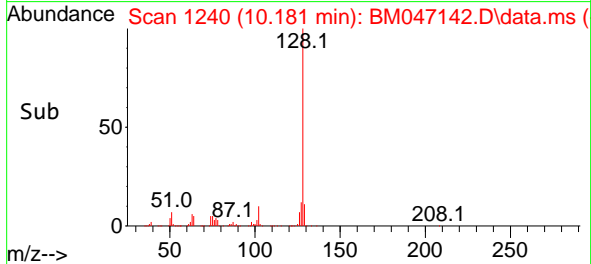
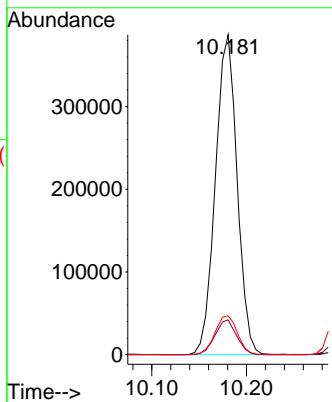
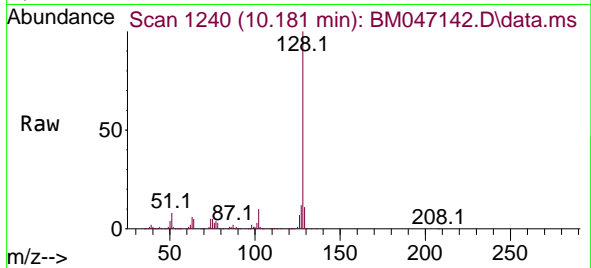
Instrument :

BNA_M

ClientSampleId :

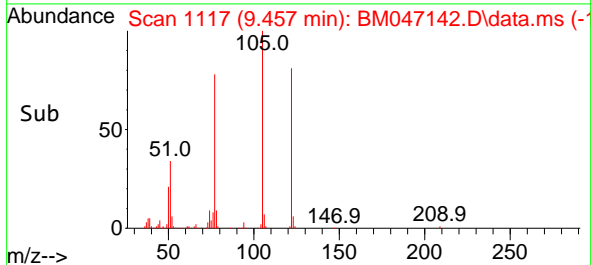
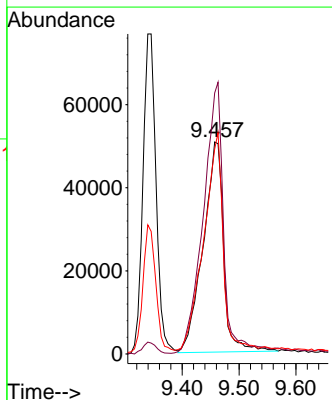
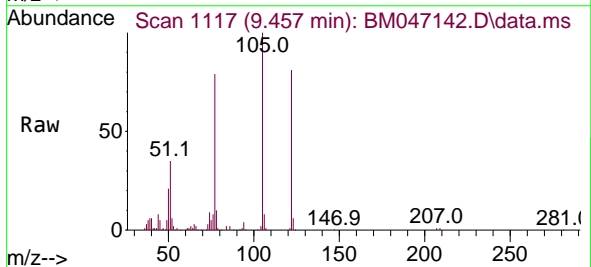
SSTDICC010

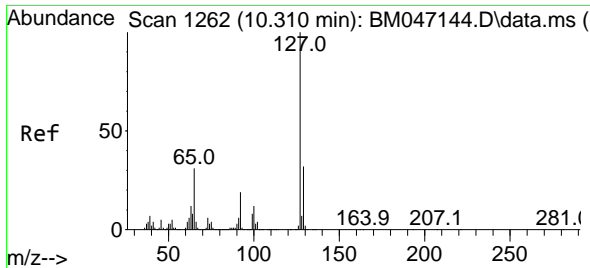
Tgt Ion:128 Resp: 617578
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.6 13.0
 127 12.2 10.2 15.4



#32
 Benzoic acid
 Concen: 8.752 ng
 RT: 9.457 min Scan# 1117
 Delta R.T. -0.077 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:122 Resp: 125871
 Ion Ratio Lower Upper
 122 100
 105 123.1 107.1 147.1
 77 96.7 82.1 122.1





#33
 4-Chloroaniline
 Concen: 10.258 ng
 RT: 10.304 min Scan# 1261
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :

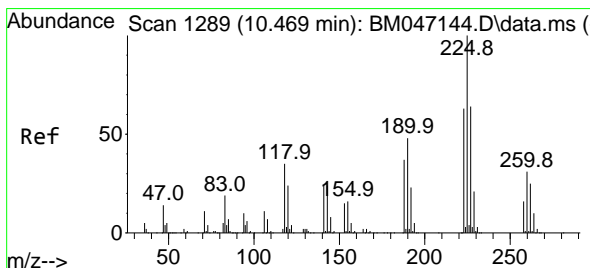
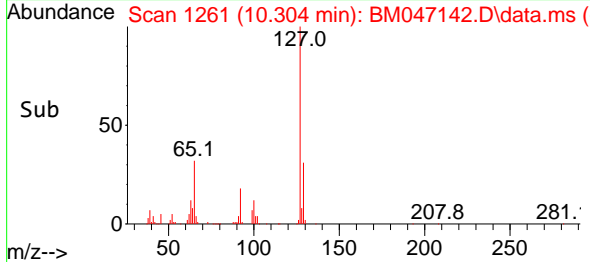
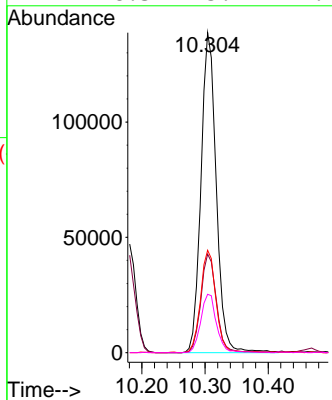
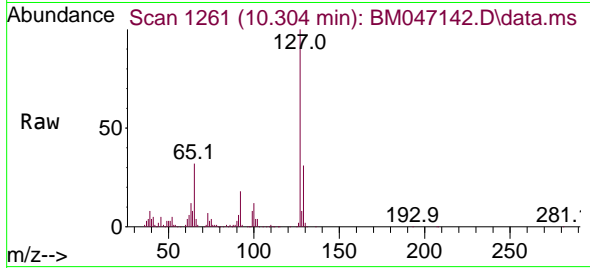
BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 233198

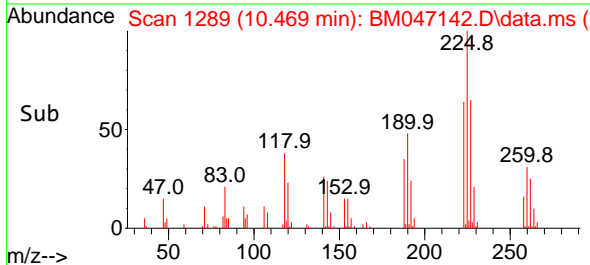
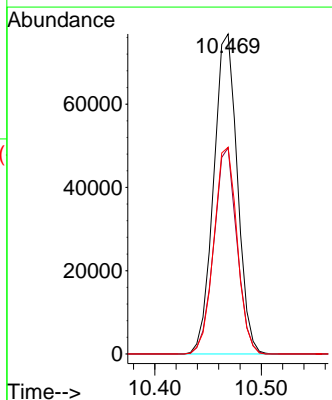
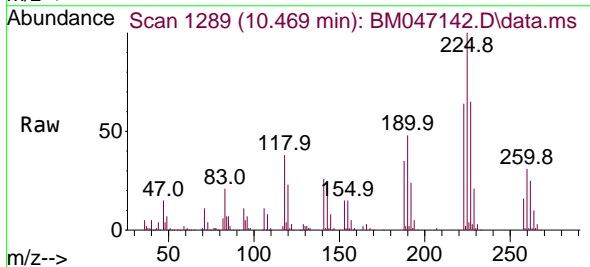
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.8	38.8
65	32.0	24.9	37.3
92	18.3	15.1	22.7

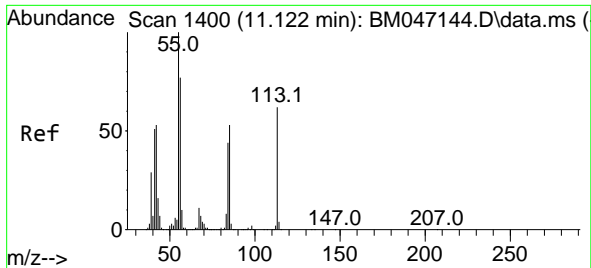


#34
 Hexachlorobutadiene
 Concen: 9.795 ng
 RT: 10.469 min Scan# 1289
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:225 Resp: 118512

Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.2	75.2
227	64.6	51.4	77.0



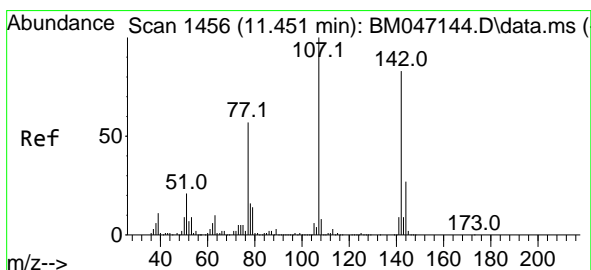
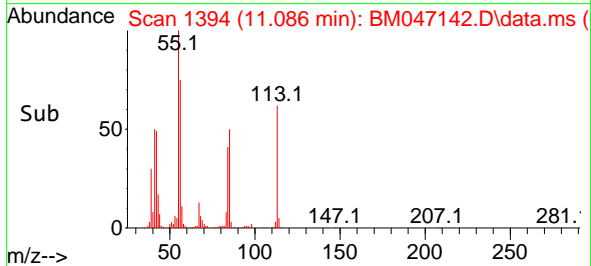
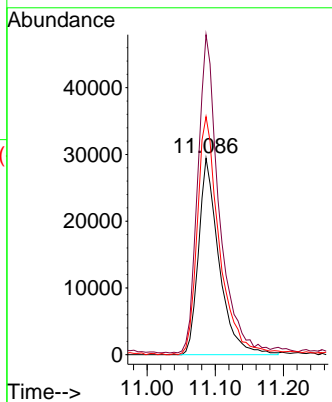
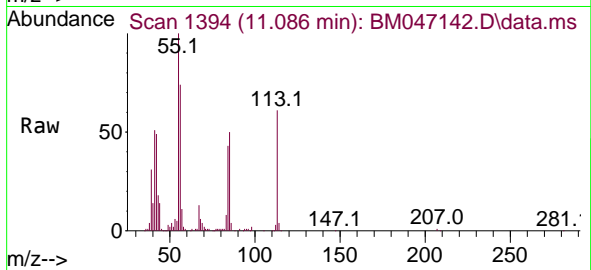


#35
 Caprolactam
 Concen: 9.677 ng
 RT: 11.086 min Scan# 11
 Delta R.T. -0.035 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tgt Ion:113 Resp: 61384

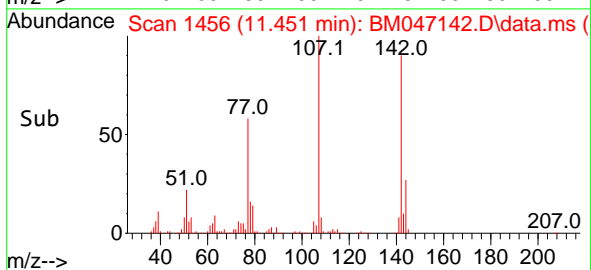
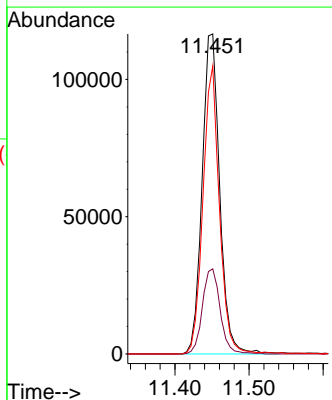
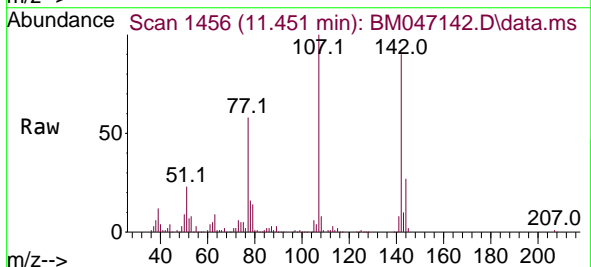
Ion	Ratio	Lower	Upper
113	100		
55	162.9	140.5	180.5
56	121.2	103.6	143.6

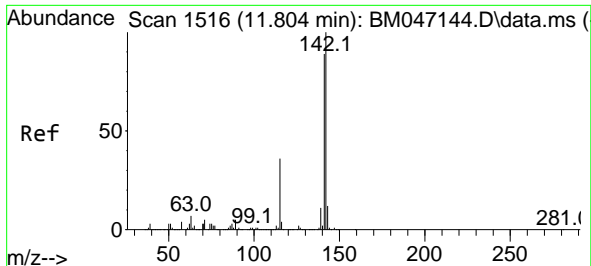


#36
 4-Chloro-3-methylphenol
 Concen: 9.883 ng
 RT: 11.451 min Scan# 1456
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:107 Resp: 192243

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.8	32.6
142	90.0	66.8	100.2





#37
 2-Methylnaphthalene
 Concen: 10.298 ng
 RT: 11.804 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :

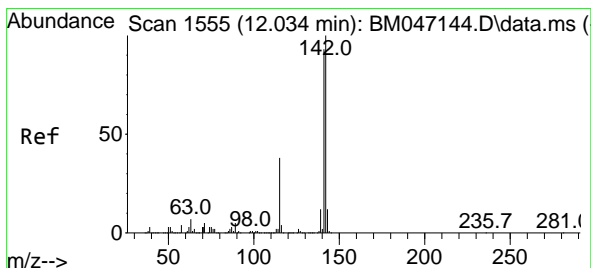
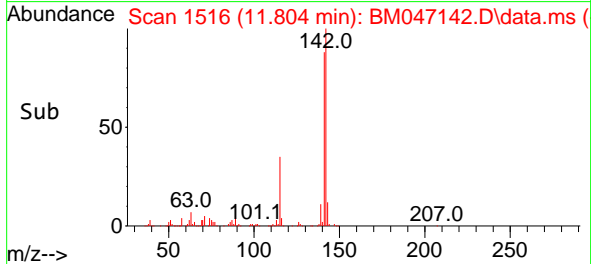
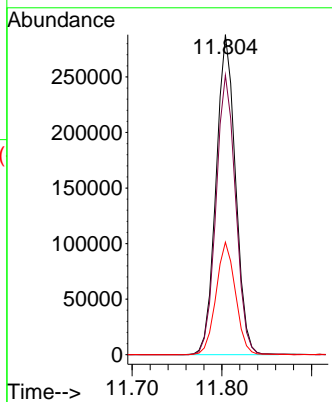
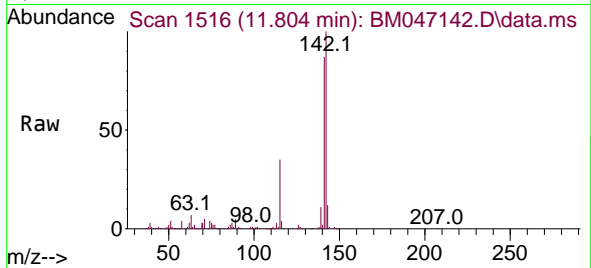
BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:142 Resp: 433416

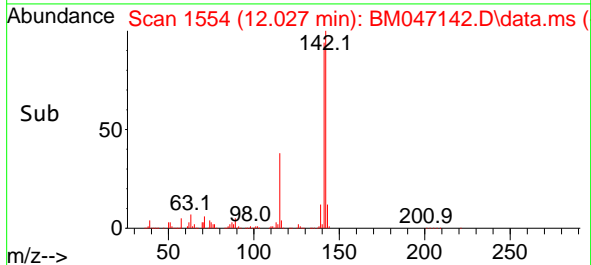
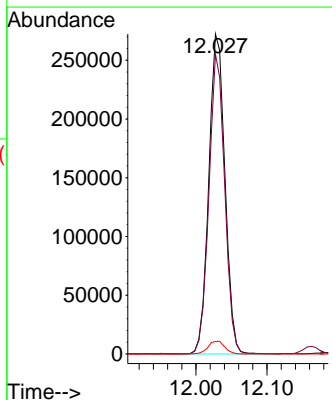
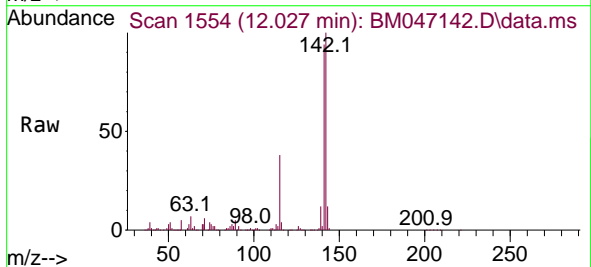
Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.9	106.3
115	35.2	28.7	43.1

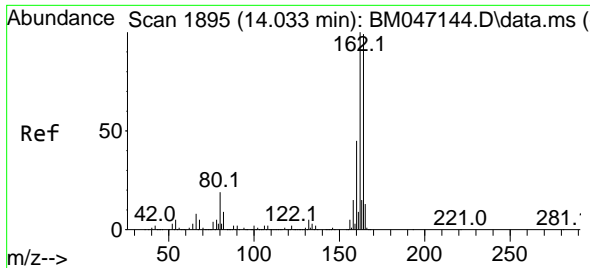


#38
 1-Methylnaphthalene
 Concen: 10.354 ng
 RT: 12.027 min Scan# 1554
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:142 Resp: 430690

Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.6	111.8
116	3.9	3.1	4.7



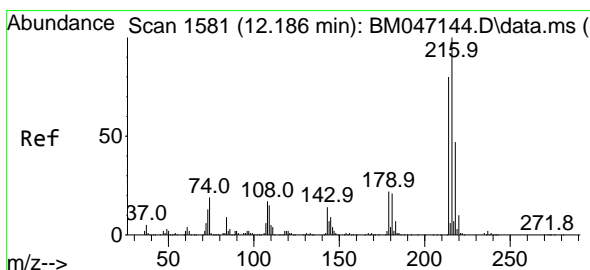
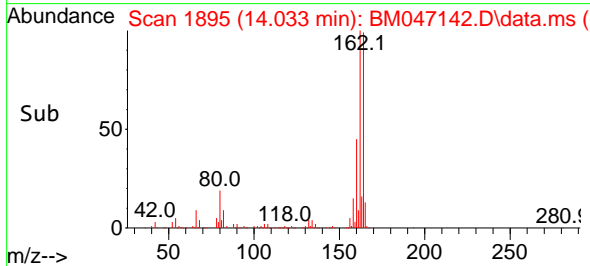
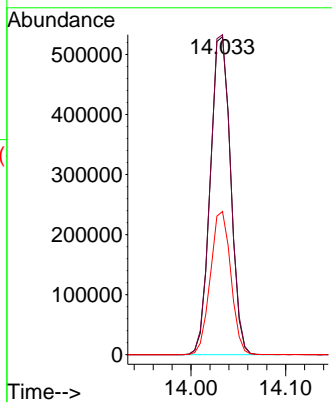
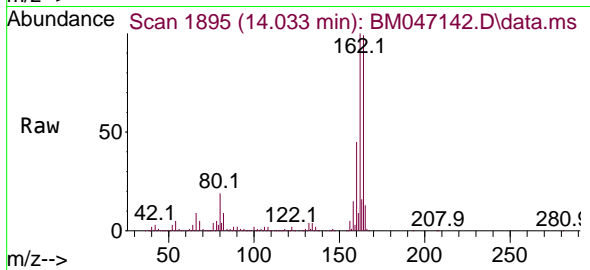


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.033 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument : BNA_M
 Client Sample Id : BM047142.D
 SSTDICC010

Tgt Ion:164 Resp: 788651

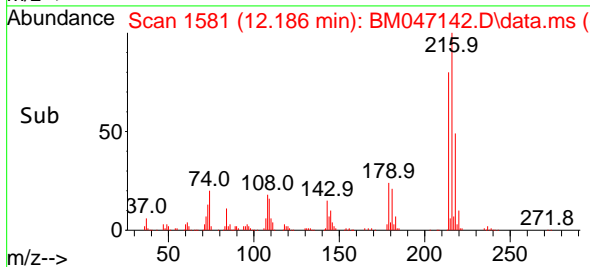
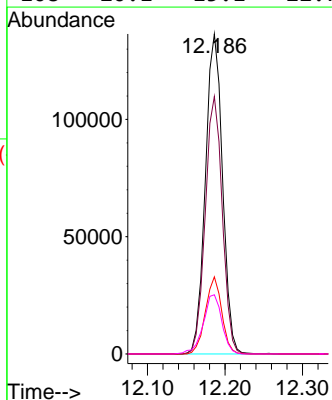
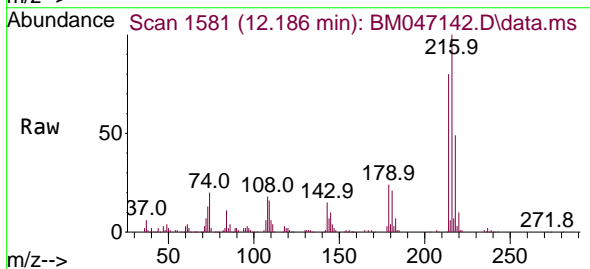
Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.7	121.1
160	45.0	36.0	54.0

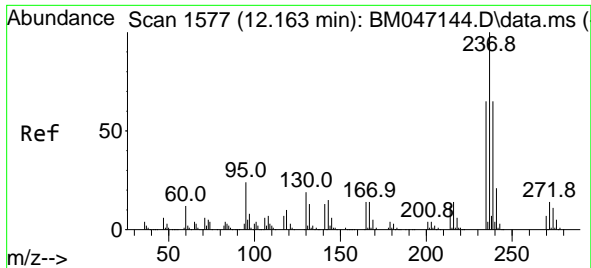


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.738 ng
 RT: 12.186 min Scan# 1581
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:216 Resp: 209468

Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.2
179	23.0	17.6	26.4
108	20.1	15.1	22.7



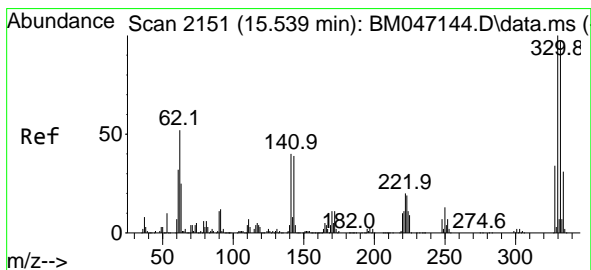
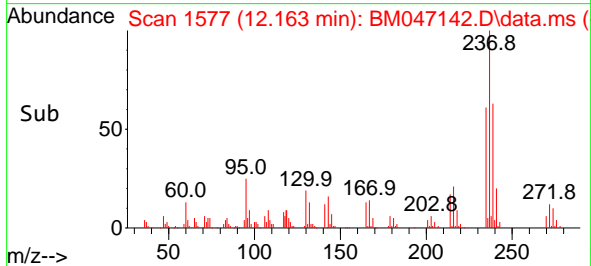
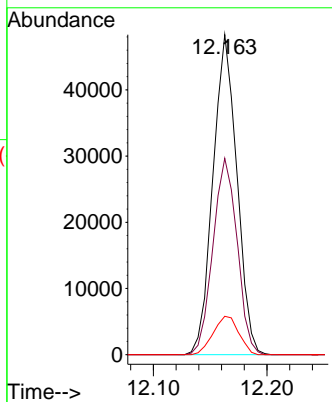
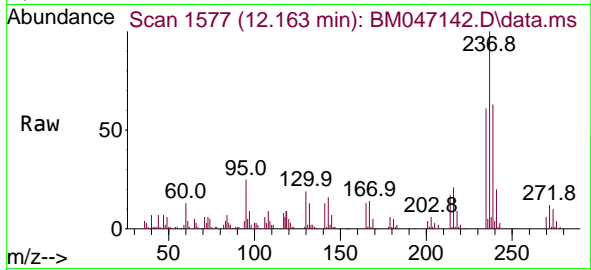


#41
 Hexachlorocyclopentadiene
 Concen: 9.423 ng
 RT: 12.163 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tgt Ion:237 Resp: 70782

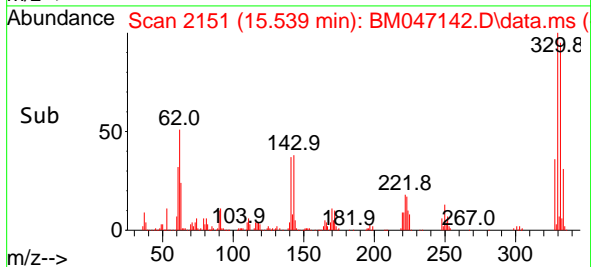
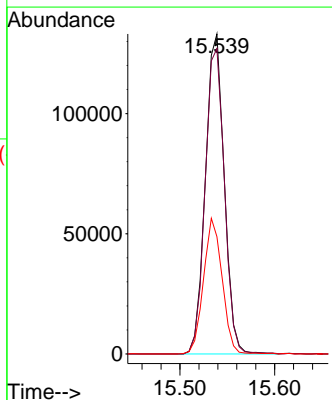
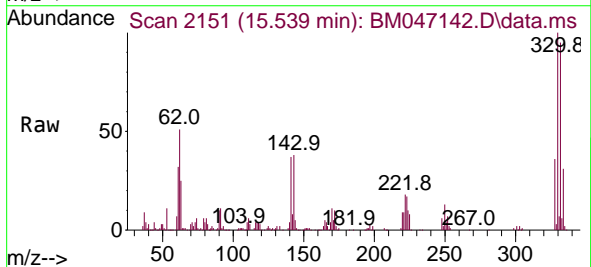
Ion	Ratio	Lower	Upper
237	100		
235	61.3	44.8	84.8
272	12.0	0.0	33.5

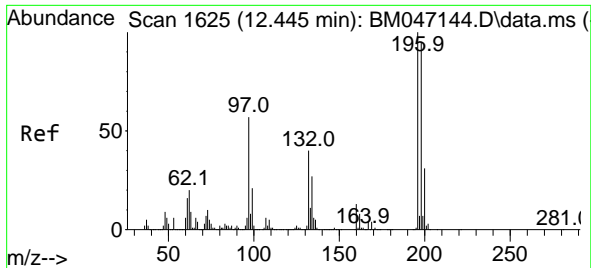


#42
 2,4,6-Tribromophenol
 Concen: 20.063 ng
 RT: 15.539 min Scan# 2151
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:330 Resp: 183466

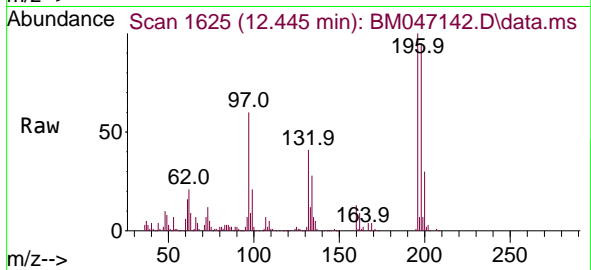
Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	42.0	31.6	47.4



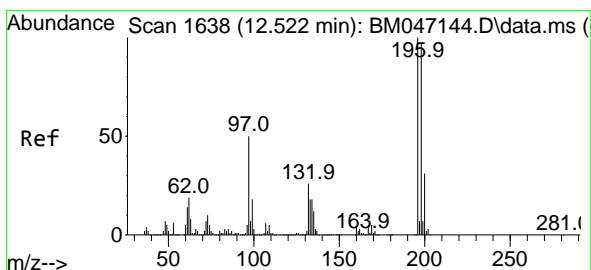
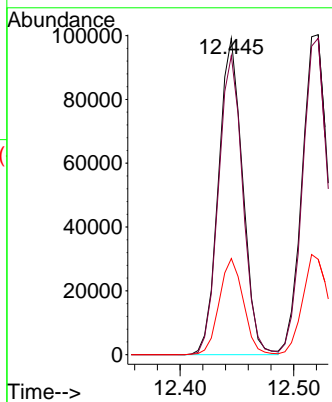
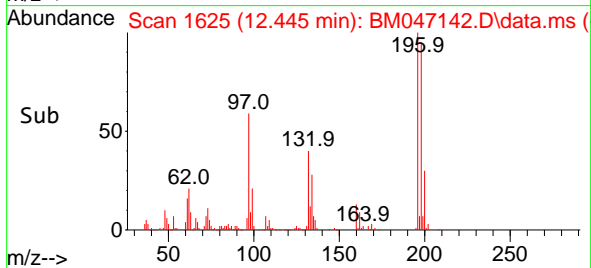


#43
 2,4,6-Trichlorophenol
 Concen: 9.593 ng
 RT: 12.445 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

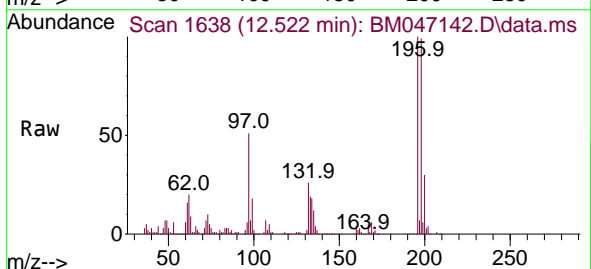
Instrument : BNA_M
 ClientSampleId : SSTDICC010



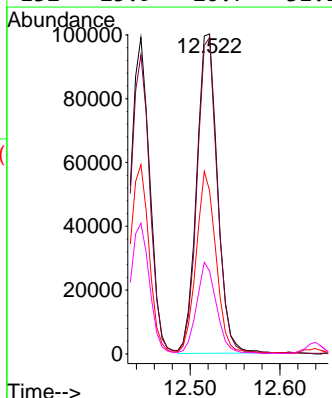
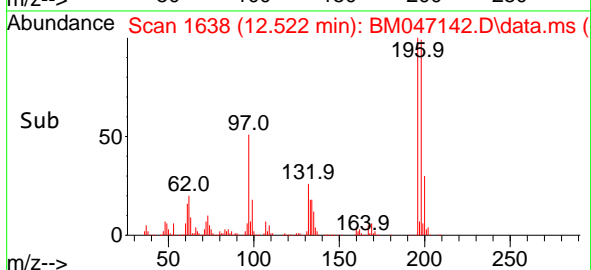
Tgt Ion:196 Resp: 146662
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.6 113.4
 200 30.4 24.6 37.0

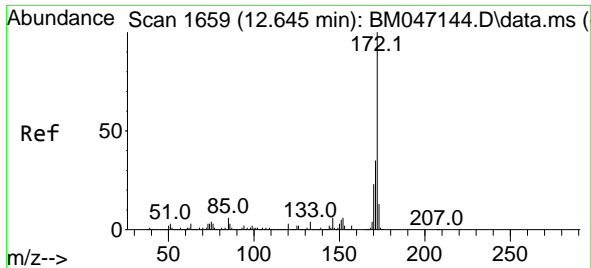


#44
 2,4,5-Trichlorophenol
 Concen: 9.520 ng
 RT: 12.522 min Scan# 1638
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31



Tgt Ion:196 Resp: 161605
 Ion Ratio Lower Upper
 196 100
 198 98.9 77.7 116.5
 97 51.0 39.8 59.8
 132 25.9 20.7 31.1



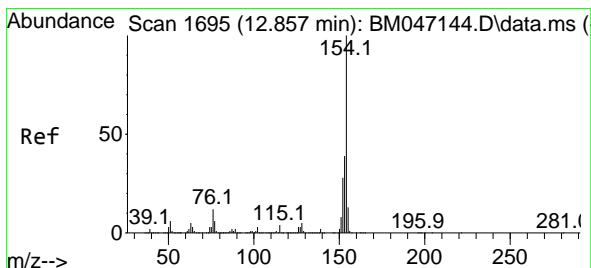
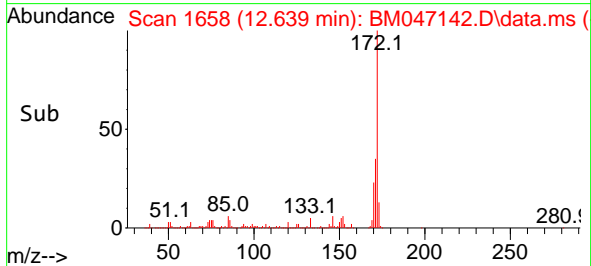
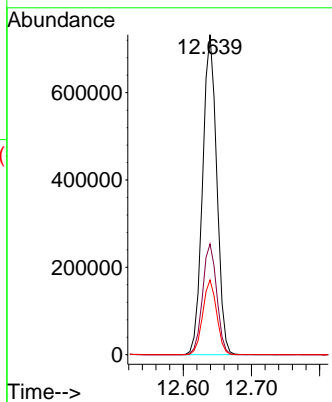
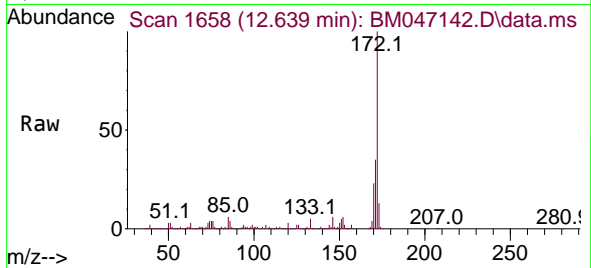


#45
 2-Fluorobiphenyl
 Concen: 20.688 ng
 RT: 12.639 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tgt Ion:172 Resp: 1057713

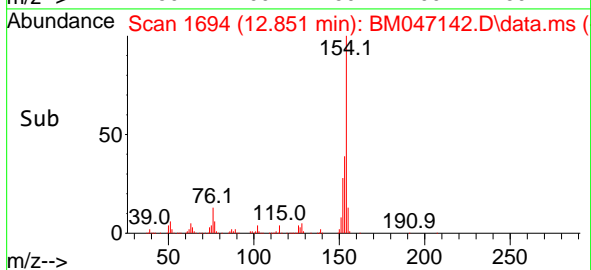
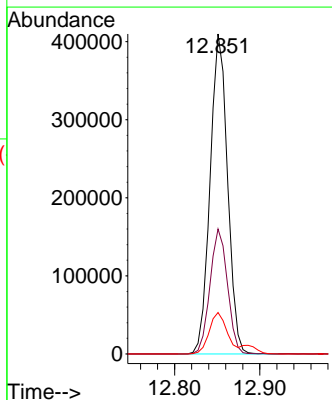
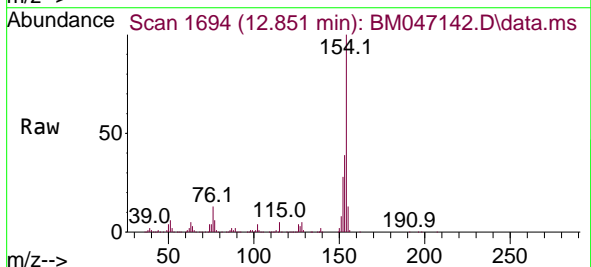
Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.4	18.7	28.1

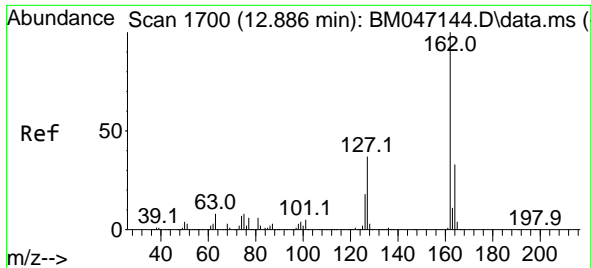


#46
 1,1'-Biphenyl
 Concen: 10.407 ng
 RT: 12.851 min Scan# 1694
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:154 Resp: 584326

Ion	Ratio	Lower	Upper
154	100		
153	39.1	19.0	59.0
76	12.9	0.0	31.9

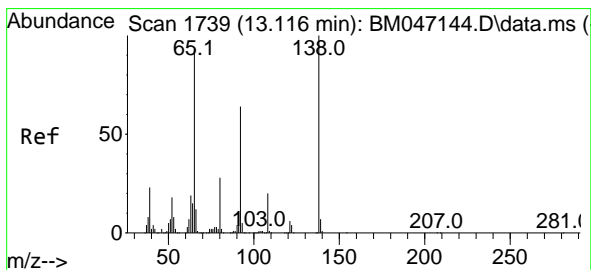
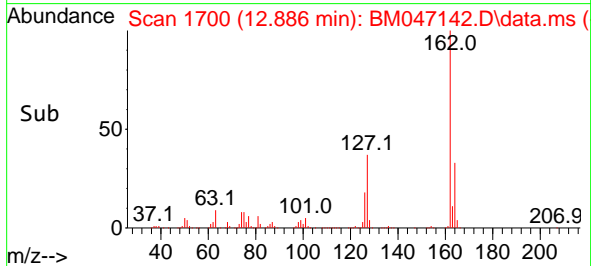
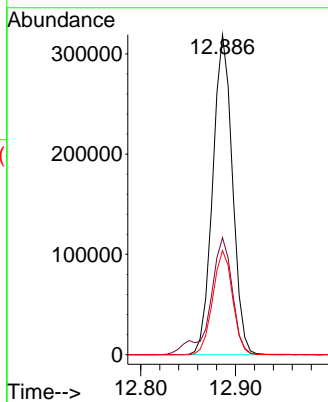
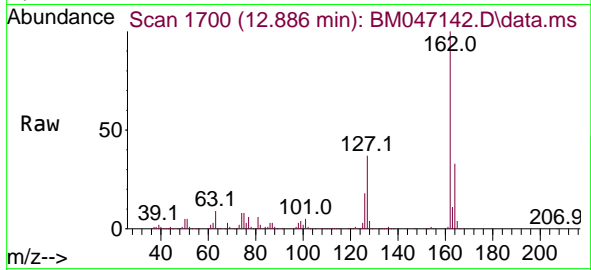




#47
 2-Chloronaphthalene
 Concen: 10.503 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

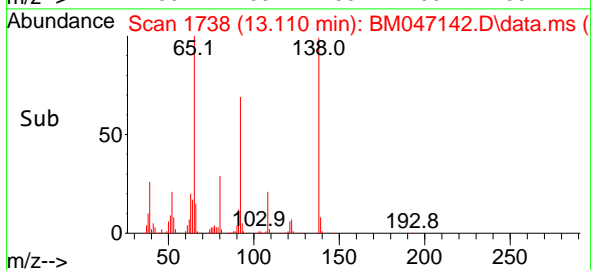
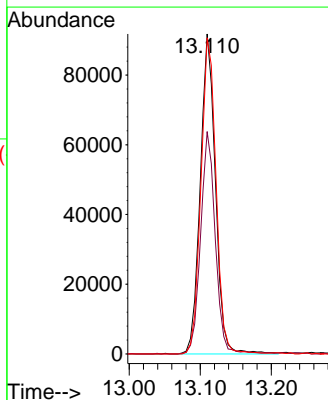
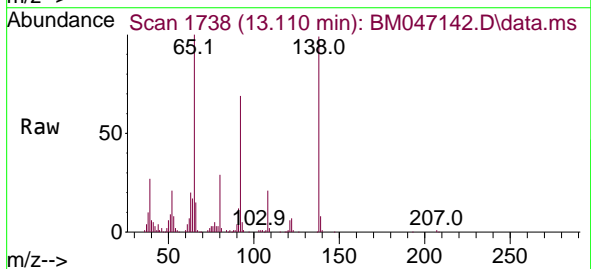
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

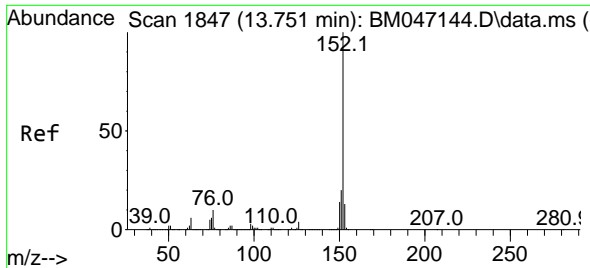
Tgt Ion	Resp	Lower	Upper
162	460927		
127	36.6	30.0	45.0
164	32.6	26.3	39.5



#48
 2-Nitroaniline
 Concen: 9.925 ng
 RT: 13.110 min Scan# 1738
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion	Resp	Lower	Upper
65	136444		
92	69.5	55.1	82.7
138	98.8	85.9	128.9





#49
 Acenaphthylene
 Concen: 10.358 ng
 RT: 13.745 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :

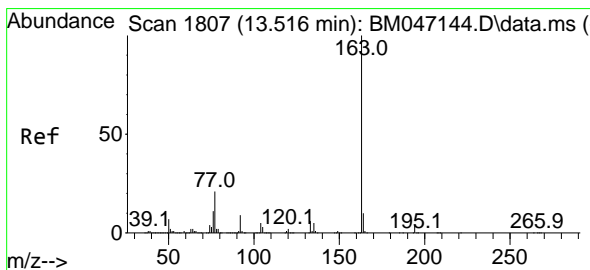
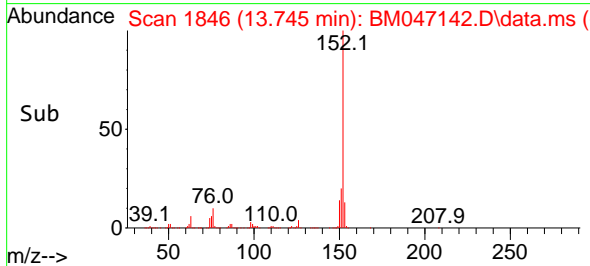
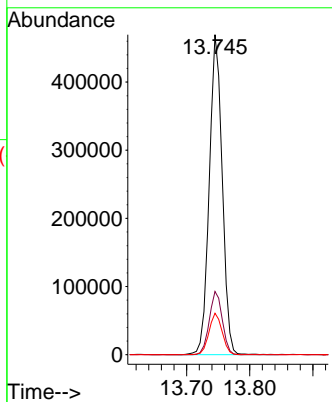
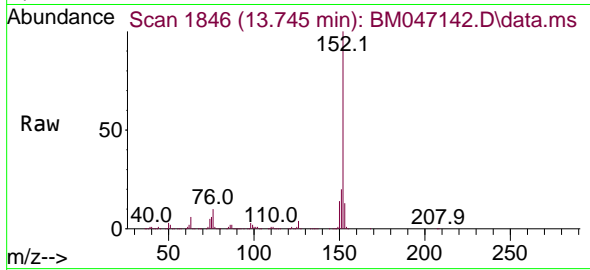
BNA_M

Client Sample Id :

SSTDICC010

Tgt Ion:152 Resp: 669998

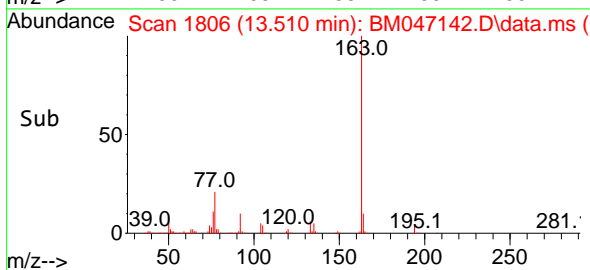
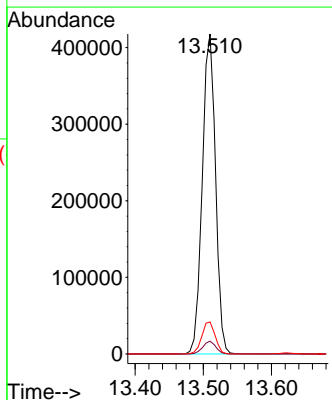
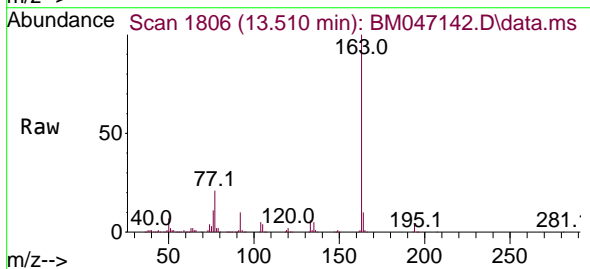
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.0	10.4	15.6

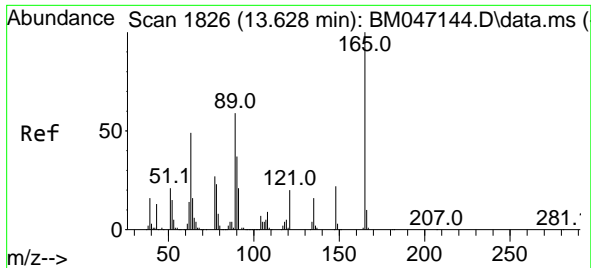


#50
 Dimethylphthalate
 Concen: 10.259 ng
 RT: 13.510 min Scan# 1806
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:163 Resp: 565056

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.0	8.0	12.0



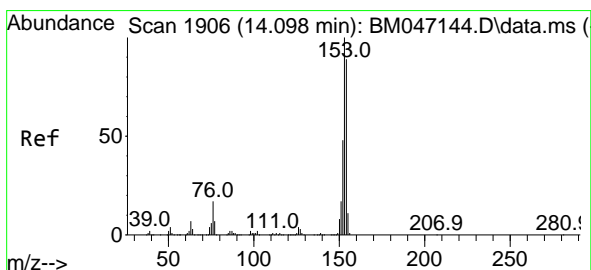
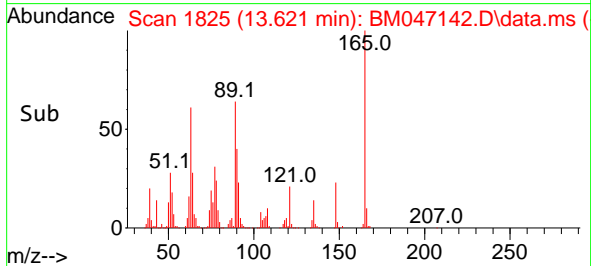
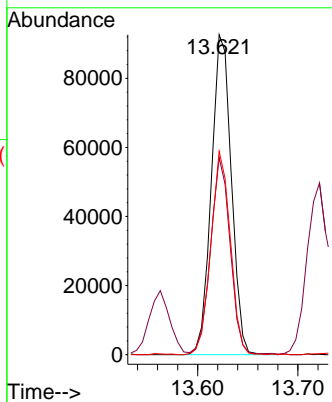
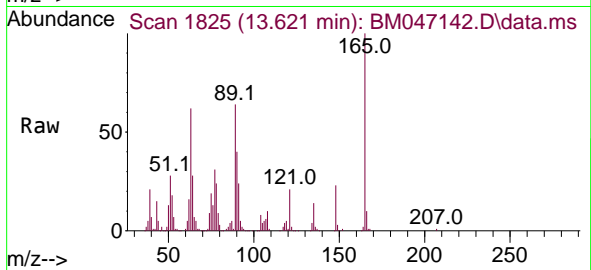


#51
 2,6-Dinitrotoluene
 Concen: 9.954 ng
 RT: 13.621 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tgt Ion:165 Resp: 128162

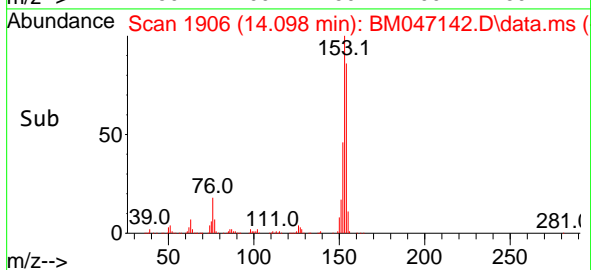
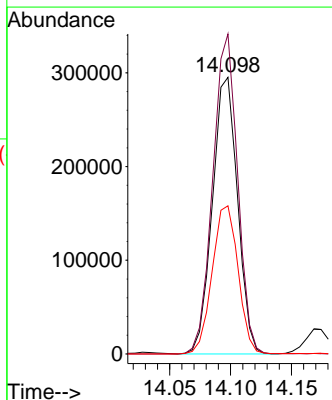
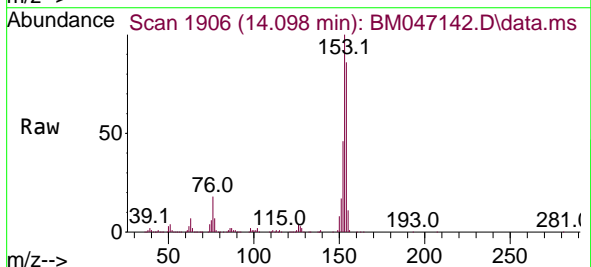
Ion	Ratio	Lower	Upper
165	100		
63	61.6	46.5	69.7
89	63.5	47.3	70.9

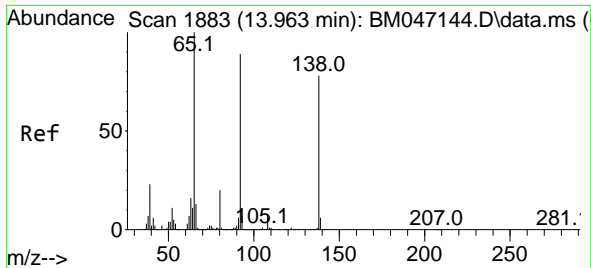


#52
 Acenaphthene
 Concen: 10.367 ng
 RT: 14.098 min Scan# 1906
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:154 Resp: 425366

Ion	Ratio	Lower	Upper
154	100		
153	115.7	90.3	135.5
152	53.6	42.9	64.3



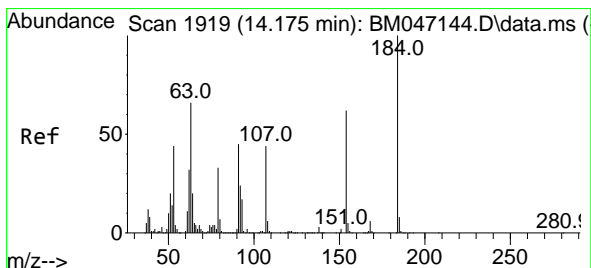
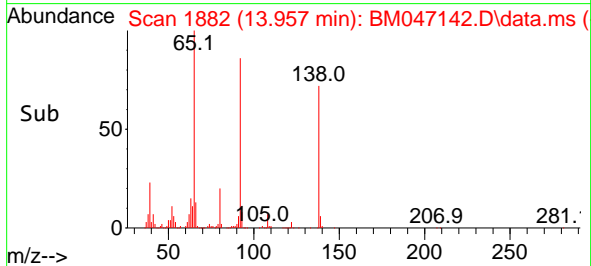
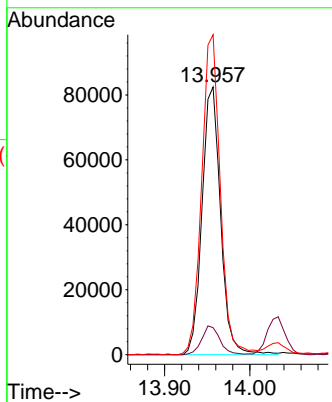
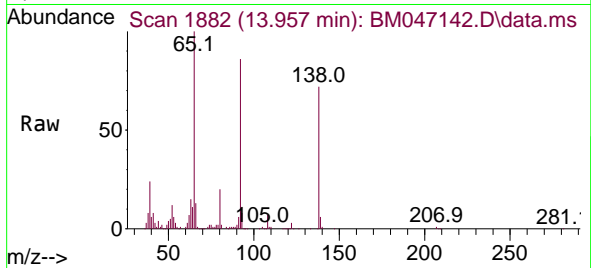


#53
 3-Nitroaniline
 Concen: 9.674 ng
 RT: 13.957 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument : BNA_M
 ClientSampleId : SSTDICC010

Tgt Ion:138 Resp: 124808

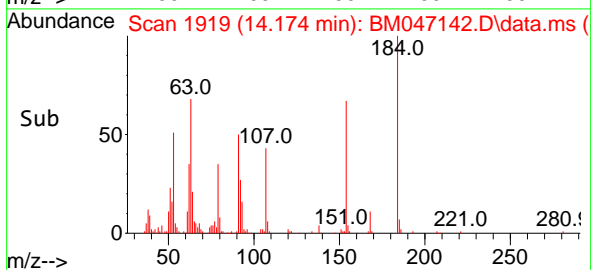
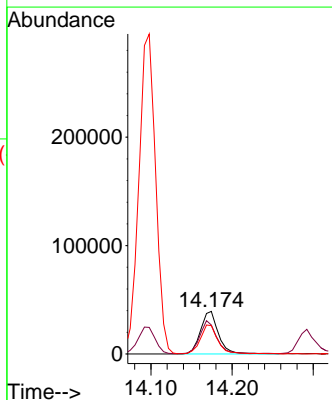
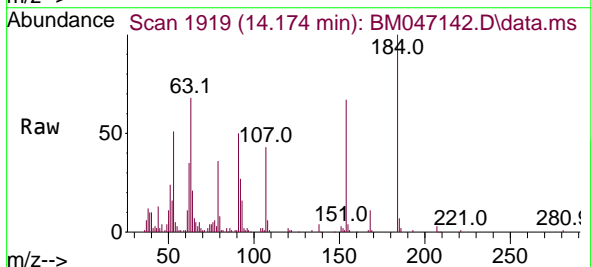
Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.9	11.9
92	119.5	92.0	138.0

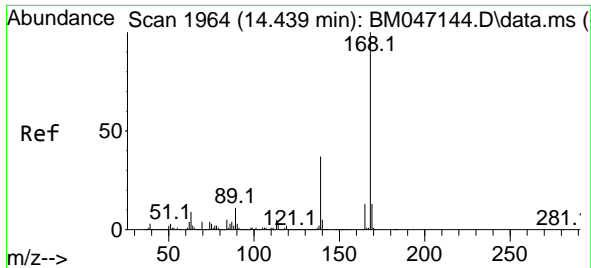


#54
 2,4-Dinitrophenol
 Concen: 7.780 ng
 RT: 14.174 min Scan# 1919
 Delta R.T. -0.001 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:184 Resp: 60036

Ion	Ratio	Lower	Upper
184	100		
63	68.4	52.7	79.1
154	66.6	50.4	75.6



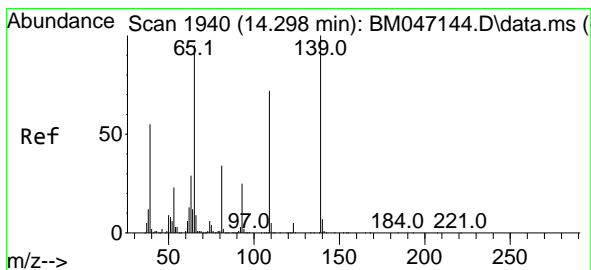
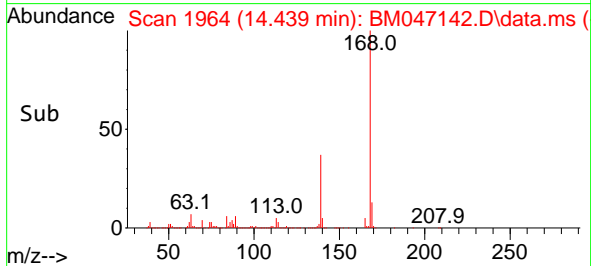
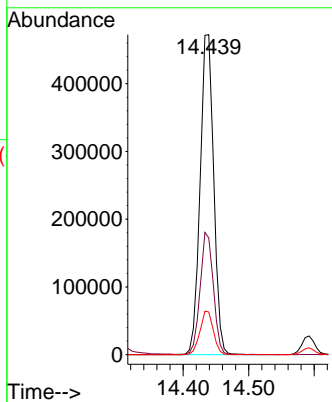
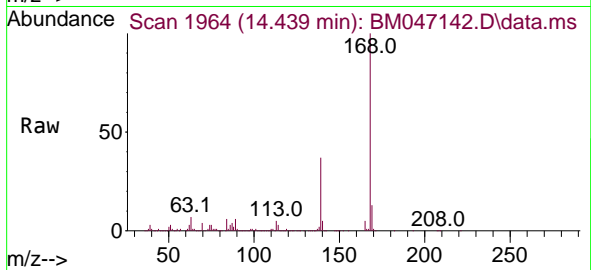


#55
 Dibenzofuran
 Concen: 10.530 ng
 RT: 14.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tgt Ion:168 Resp: 682447

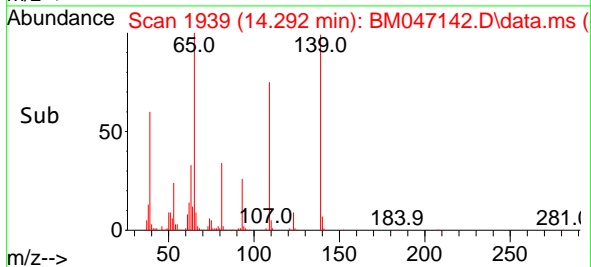
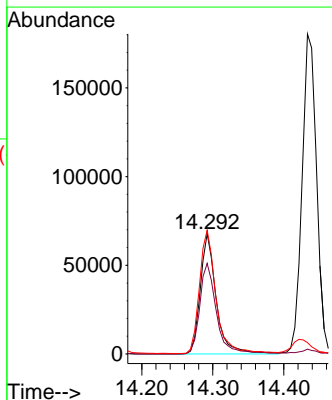
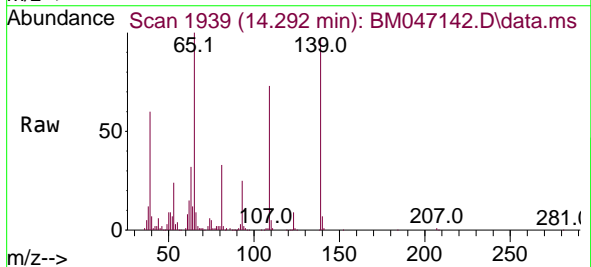
Ion	Ratio	Lower	Upper
168	100		
139	36.5	29.6	44.4
169	13.3	10.7	16.1

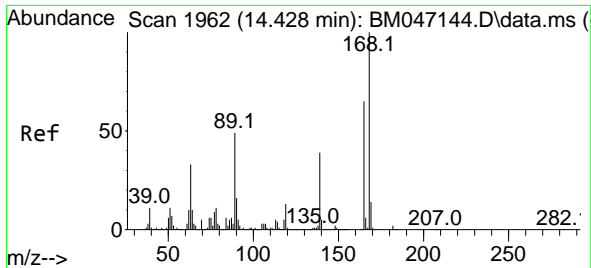


#56
 4-Nitrophenol
 Concen: 9.511 ng
 RT: 14.292 min Scan# 1939
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:139 Resp: 105813

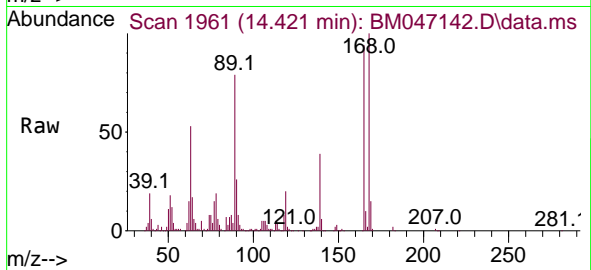
Ion	Ratio	Lower	Upper
139	100		
109	75.3	52.5	92.5
65	103.0	75.4	115.4





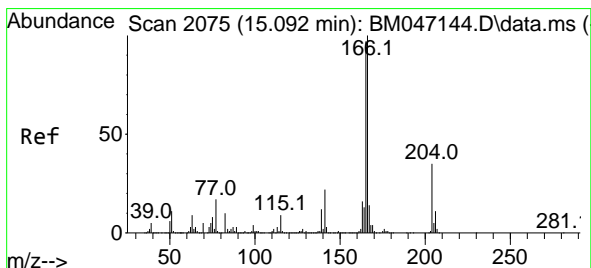
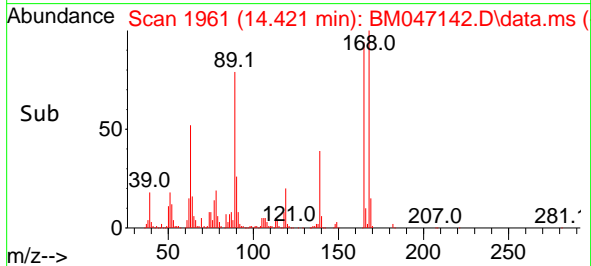
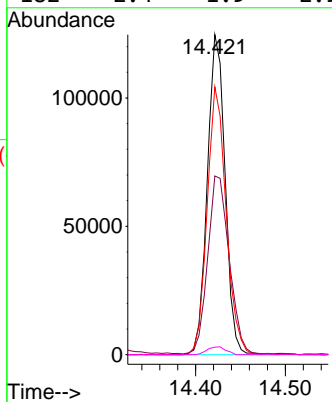
#57
 2,4-Dinitrotoluene
 Concen: 9.982 ng
 RT: 14.421 min Scan# 1961
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument : BNA_M
 ClientSampleId : SSTDICC010



Tgt Ion:165 Resp: 171542

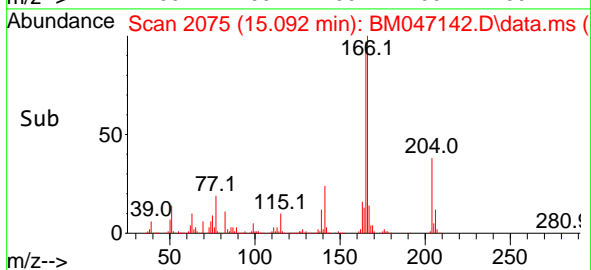
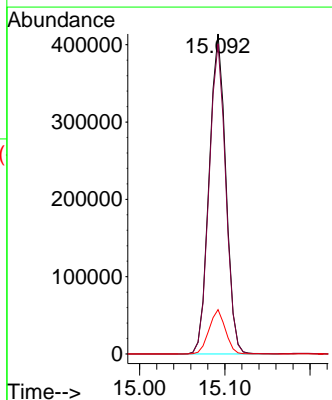
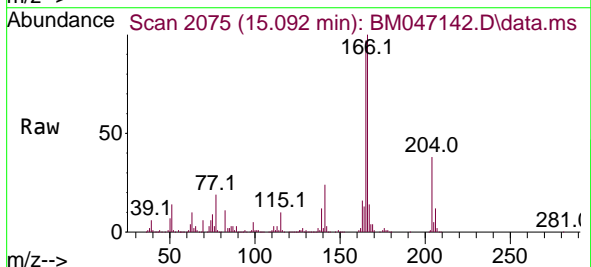
Ion	Ratio	Lower	Upper
165	100		
63	55.8	40.3	60.5
89	83.7	61.0	91.6
182	2.4	1.9	2.9

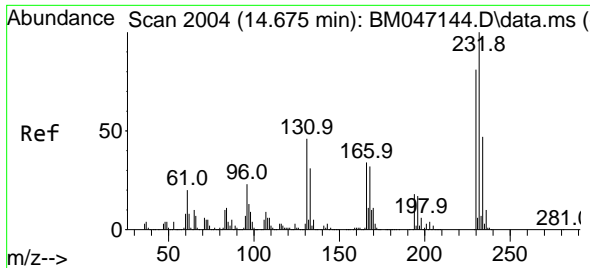


#58
 Fluorene
 Concen: 10.527 ng
 RT: 15.092 min Scan# 2075
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:166 Resp: 562937

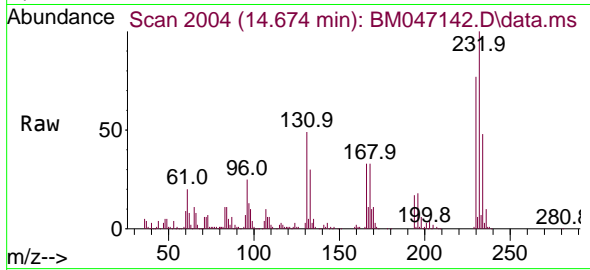
Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.4	116.0
167	13.8	11.0	16.6





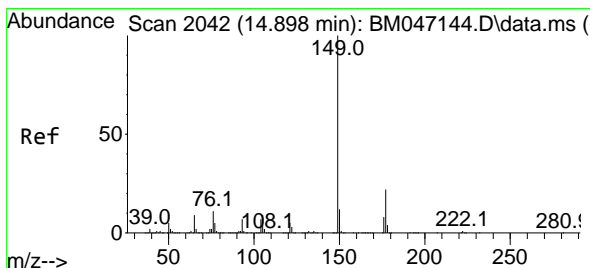
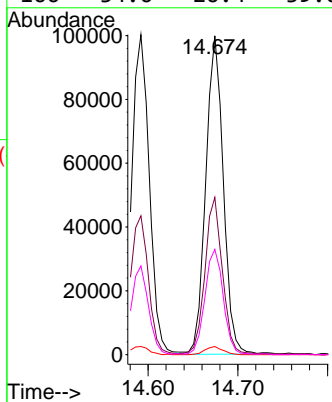
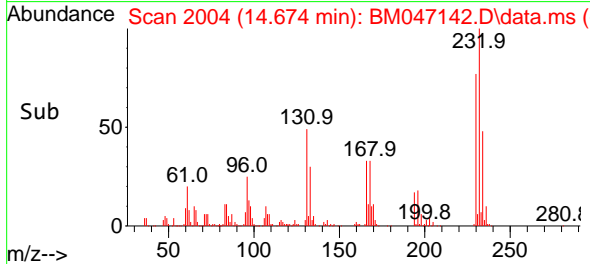
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.739 ng
 RT: 14.674 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument : BNA_M
 ClientSampleId : SSTDICC010

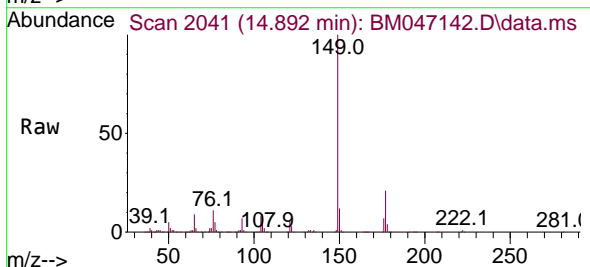


Tgt Ion: 232 Resp: 135880

Ion	Ratio	Lower	Upper
232	100		
131	50.0	36.9	55.3
130	2.6	2.0	3.0
166	34.6	26.4	39.6

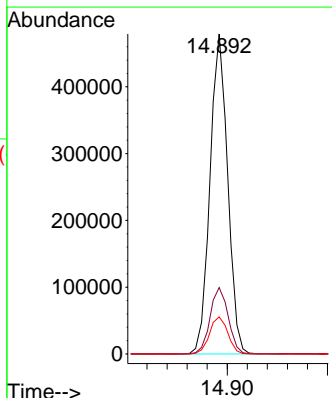
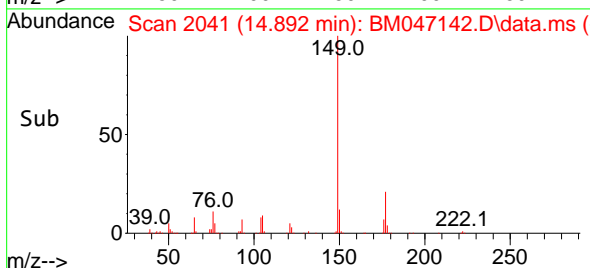


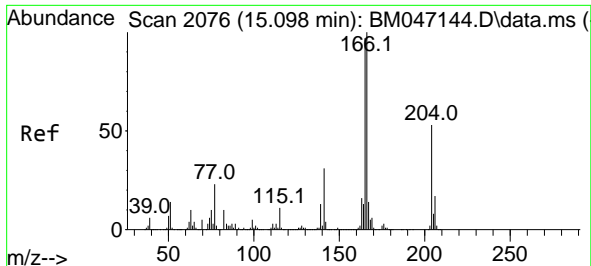
#60
 Diethylphthalate
 Concen: 10.418 ng
 RT: 14.892 min Scan# 2041
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31



Tgt Ion: 149 Resp: 586005

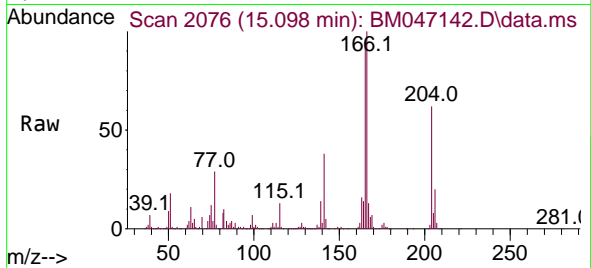
Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.6	26.4
150	11.6	9.8	14.6





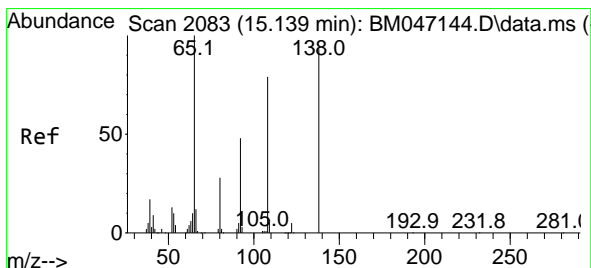
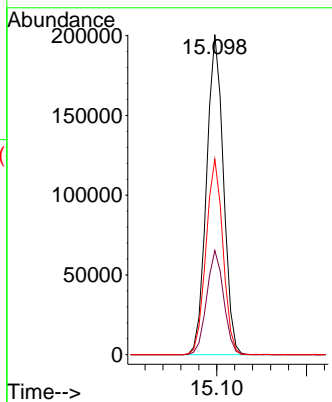
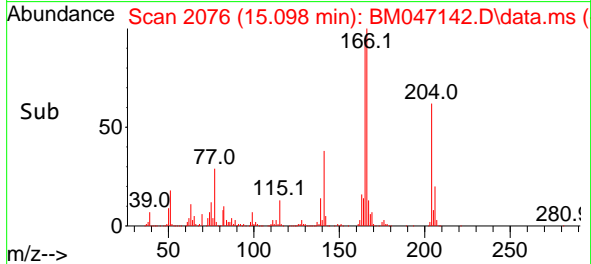
#61
 4-Chlorophenyl-phenylether
 Concen: 10.269 ng
 RT: 15.098 min Scan# 2076
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument : BNA_M
 ClientSampleId : SSTDICC010

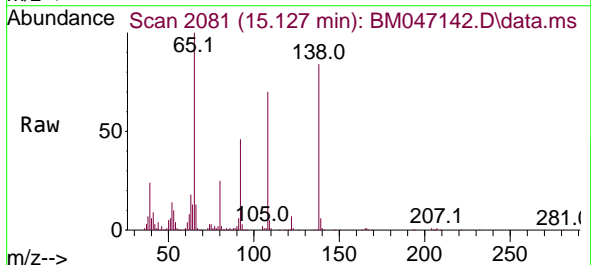


Tgt Ion: 204 Resp: 261449

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.4
141	61.1	47.2	70.8

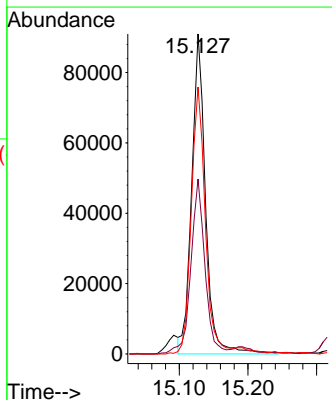
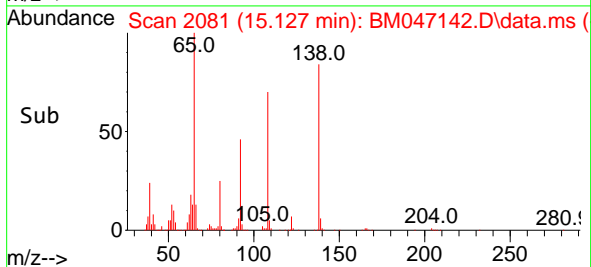


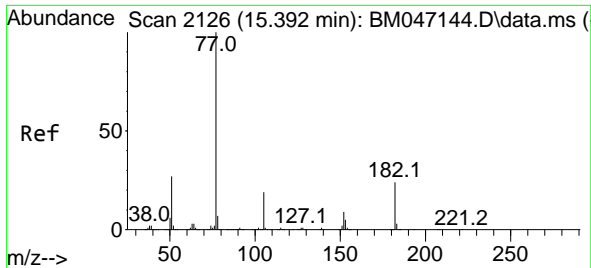
#62
 4-Nitroaniline
 Concen: 10.065 ng m
 RT: 15.127 min Scan# 2081
 Delta R.T. -0.012 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31



Tgt Ion: 138 Resp: 127938

Ion	Ratio	Lower	Upper
138	100		
92	54.7	31.9	71.9
108	83.4	63.8	103.8



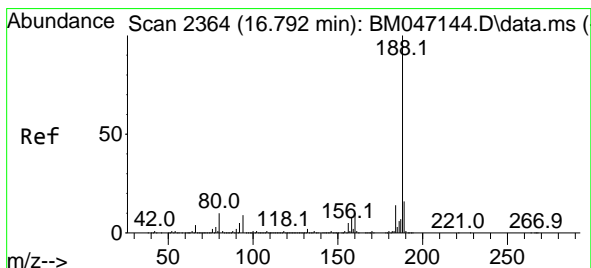
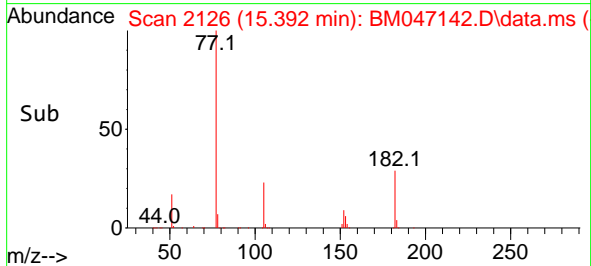
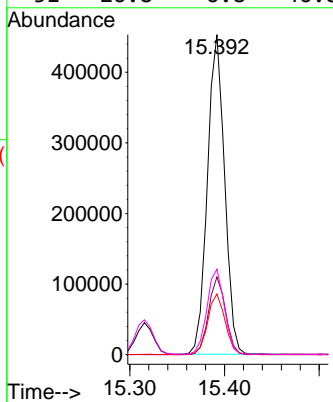
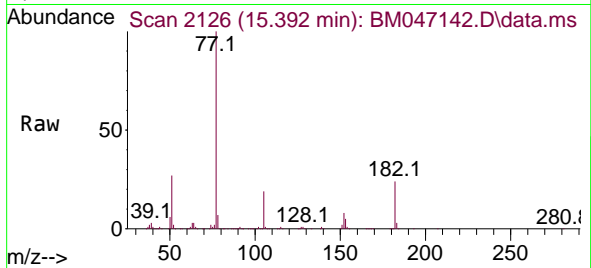


#63
 Azobenzene
 Concen: 10.685 ng
 RT: 15.392 min Scan# 2126
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tgt Ion: 77 Resp: 569823

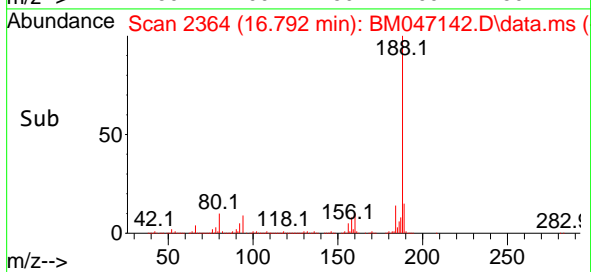
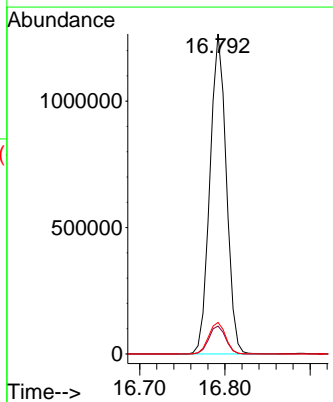
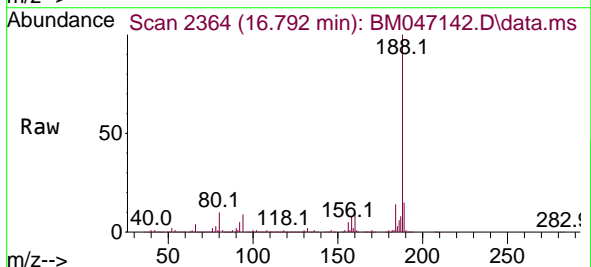
Ion	Ratio	Lower	Upper
77	100		
182	24.3	3.8	43.8
105	18.9	0.0	39.5
51	26.8	6.8	46.8

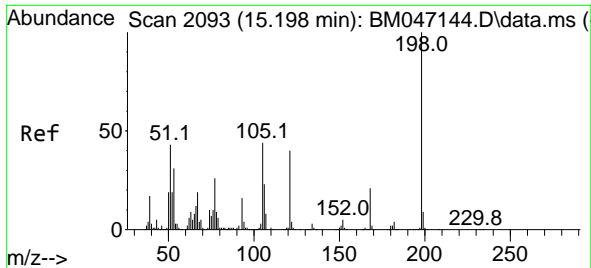


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.792 min Scan# 2364
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion: 188 Resp: 1690400

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.6
80	9.9	8.0	12.0





#65
 4,6-Dinitro-2-methylphenol
 Concen: 9.095 ng
 RT: 15.192 min Scan# 2092
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :

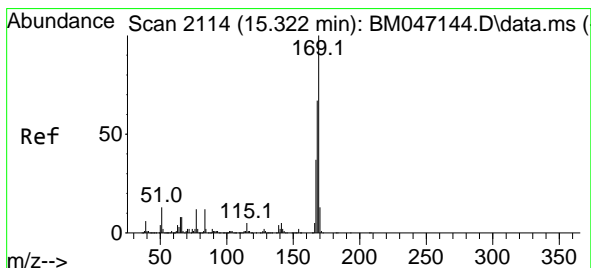
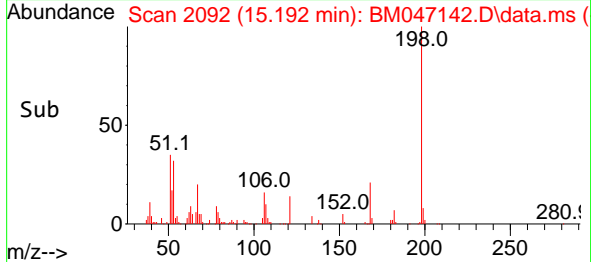
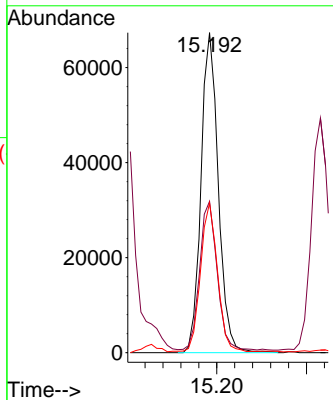
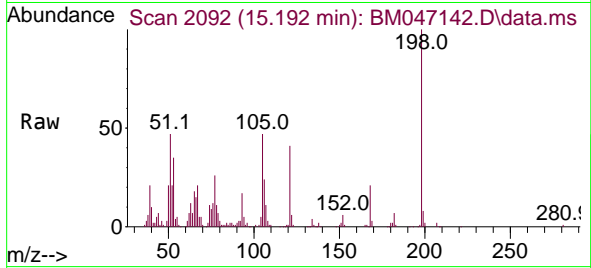
BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:198 Resp: 90017

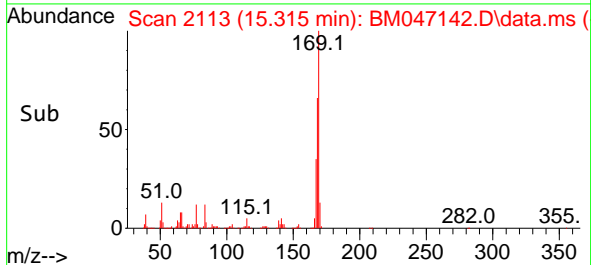
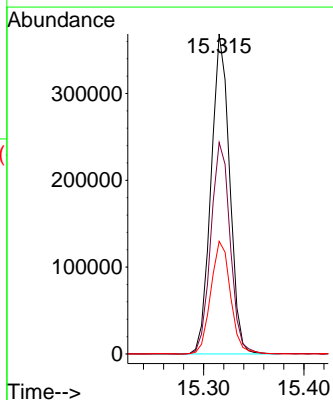
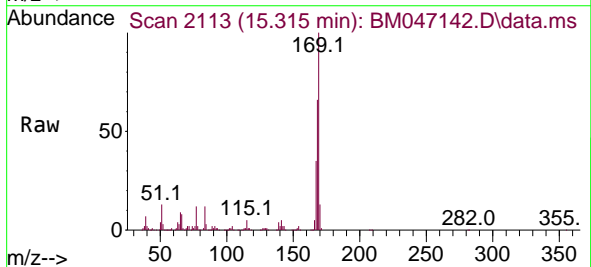
Ion	Ratio	Lower	Upper
198	100		
51	47.3	23.9	63.9
105	46.8	24.3	64.3

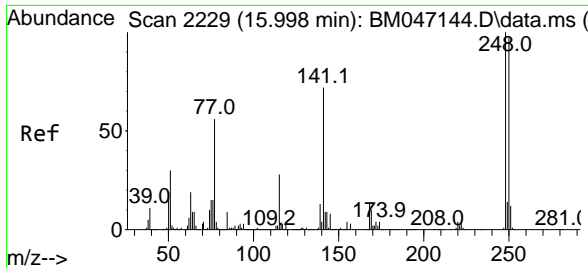


#66
 n-Nitrosodiphenylamine
 Concen: 10.289 ng
 RT: 15.315 min Scan# 2113
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:169 Resp: 473749

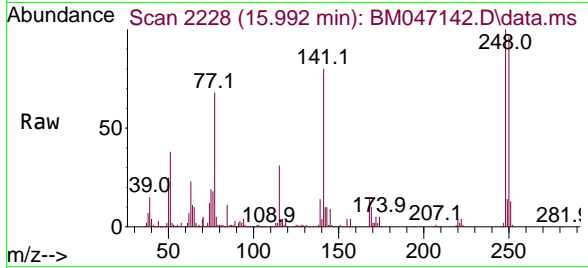
Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.8	80.8
167	35.2	29.3	43.9





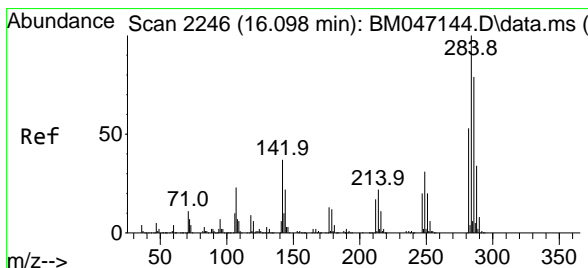
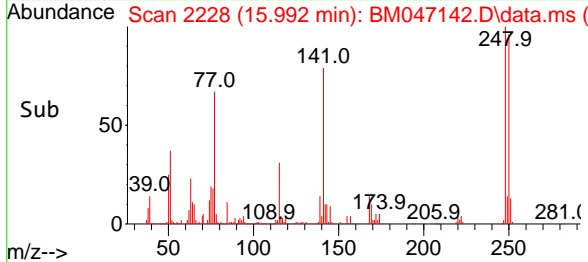
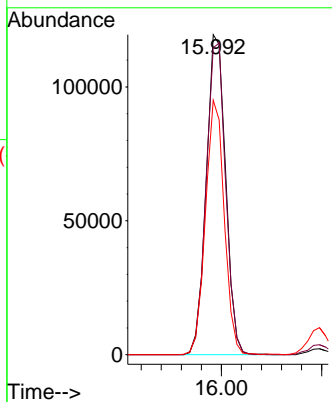
#67
 4-Bromophenyl-phenylether
 Concen: 9.845 ng
 RT: 15.992 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument : BNA_M
 ClientSampleId : SSTDICC010



Tgt Ion:248 Resp: 160370

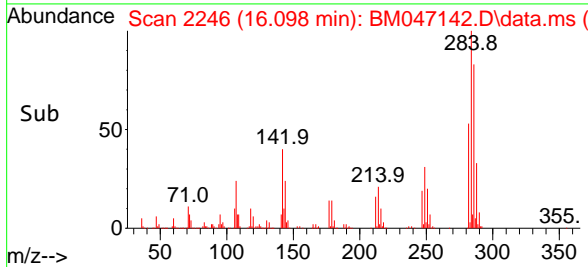
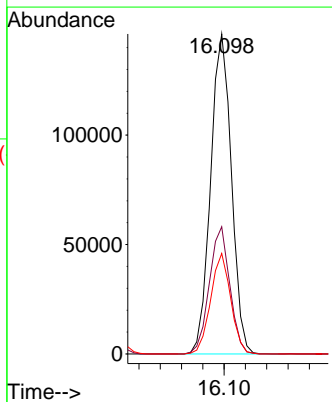
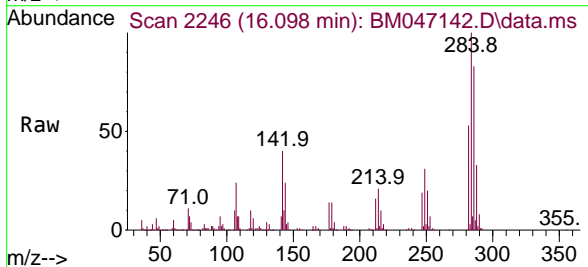
Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.8	116.8
141	79.5	57.7	86.5

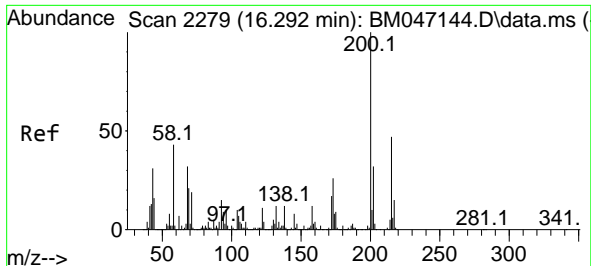


#68
 Hexachlorobenzene
 Concen: 10.157 ng
 RT: 16.098 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:284 Resp: 198141

Ion	Ratio	Lower	Upper
284	100		
142	39.7	29.4	44.0
249	31.4	25.1	37.7



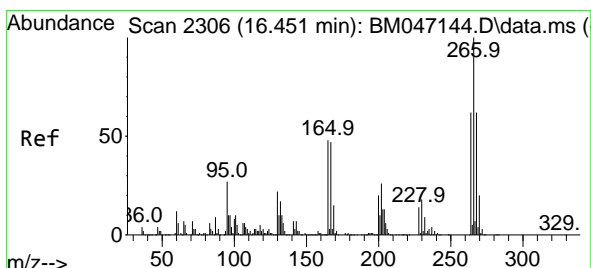
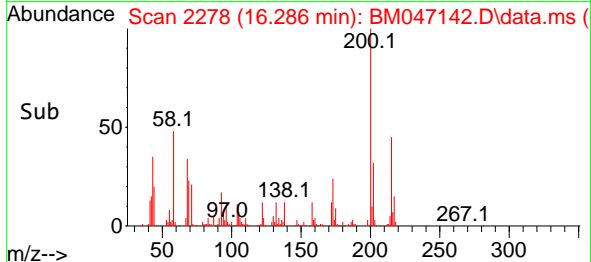
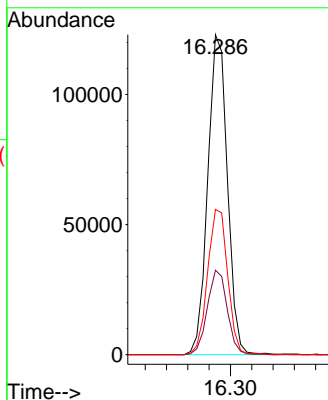
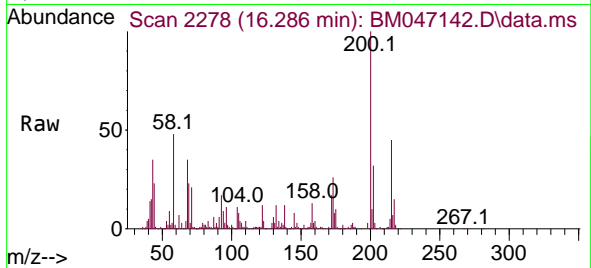


#69
 Atrazine
 Concen: 11.344 ng
 RT: 16.286 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tgt Ion:200 Resp: 157170

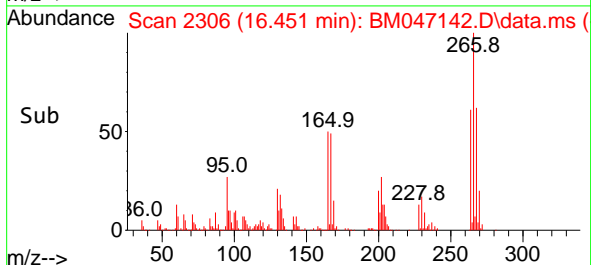
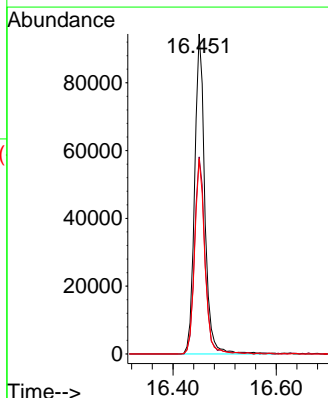
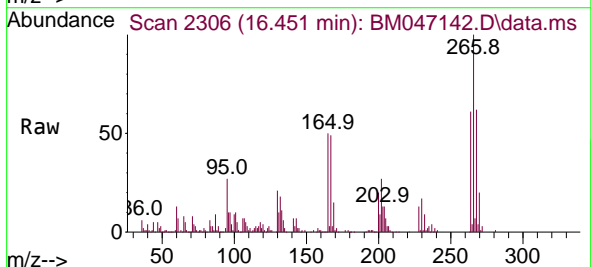
Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.1	46.1
215	45.4	26.8	66.8

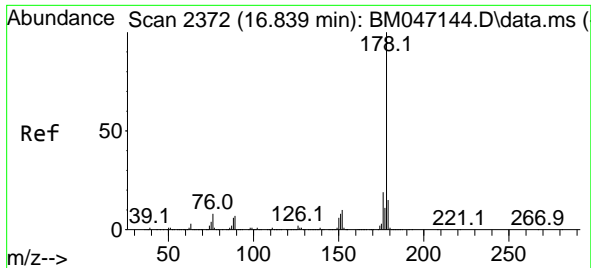


#70
 Pentachlorophenol
 Concen: 9.411 ng
 RT: 16.451 min Scan# 2306
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:266 Resp: 128691

Ion	Ratio	Lower	Upper
266	100		
268	61.6	49.8	74.6
264	61.0	49.6	74.4



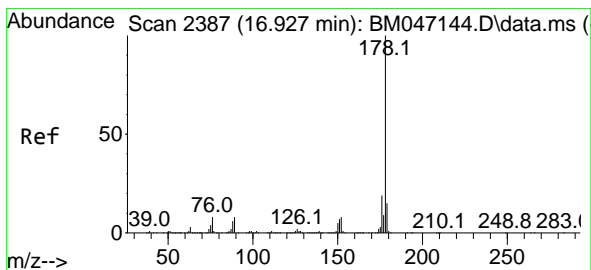
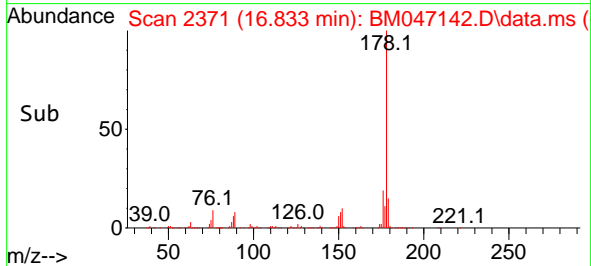
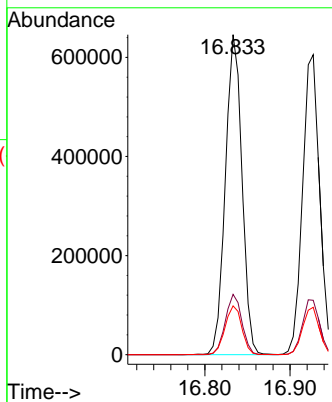
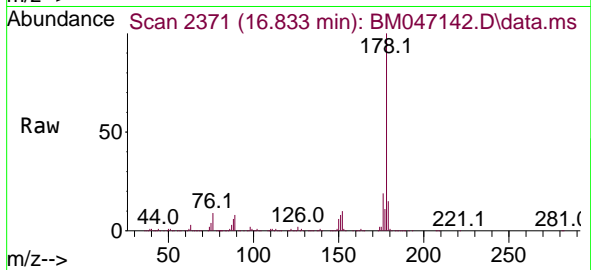


#71
 Phenanthrene
 Concen: 10.313 ng
 RT: 16.833 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tgt Ion:178 Resp: 874873

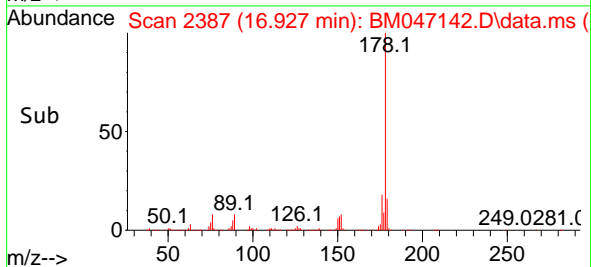
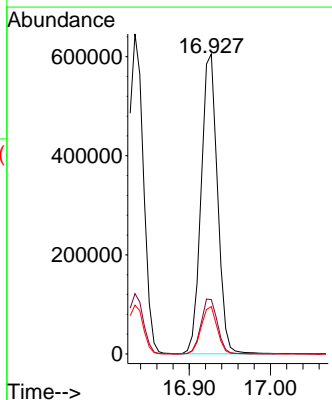
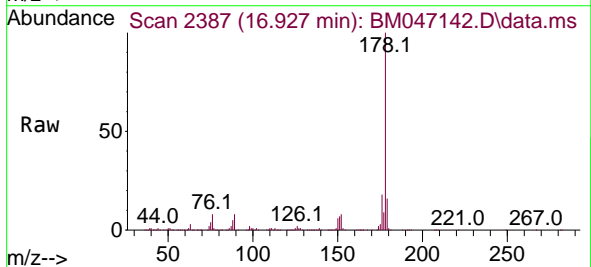
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.3	12.4	18.6

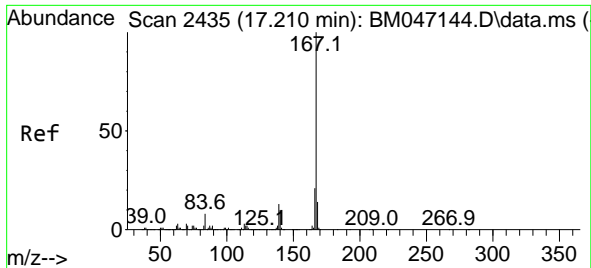


#72
 Anthracene
 Concen: 10.243 ng
 RT: 16.927 min Scan# 2387
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:178 Resp: 845520

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.8	22.2
179	15.8	12.4	18.6





#73
 Carbazole
 Concen: 10.437 ng
 RT: 17.204 min Scan# 2434
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :

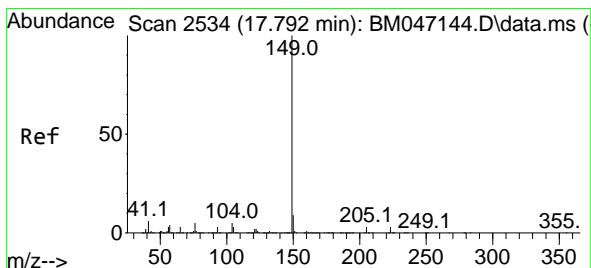
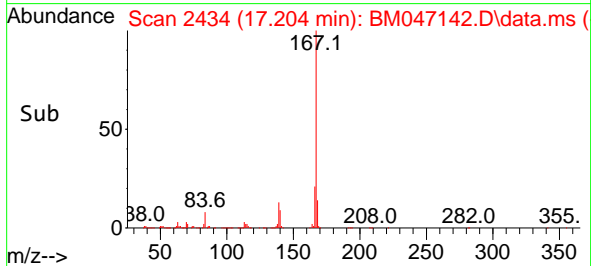
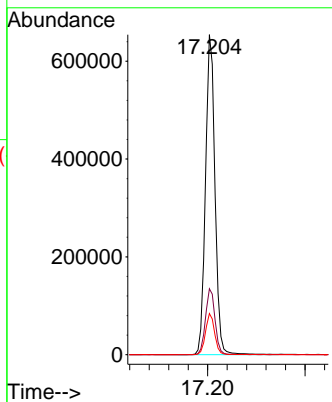
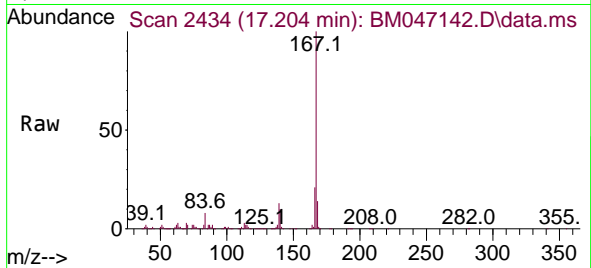
BNA_M

Client Sample Id :

SSTDICC010

Tgt Ion:167 Resp: 879612

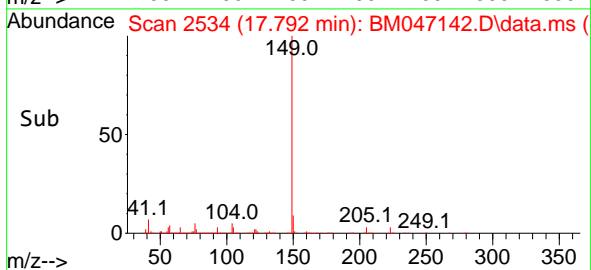
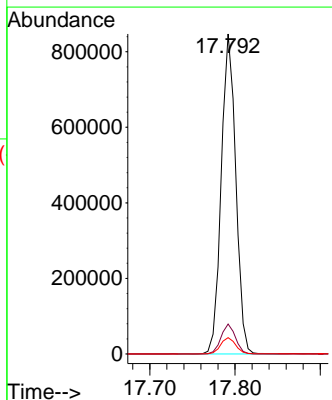
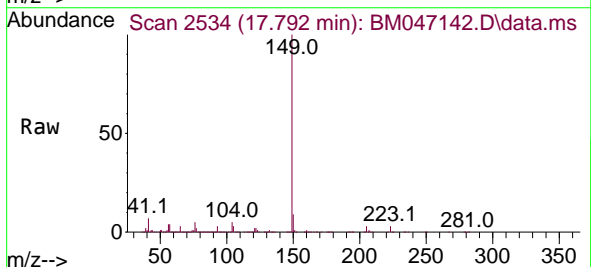
Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.1	25.7
139	12.8	10.0	15.0

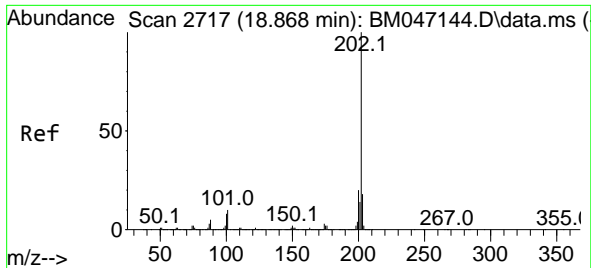


#74
 Di-n-butylphthalate
 Concen: 10.231 ng
 RT: 17.792 min Scan# 2534
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:149 Resp: 1003294

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.1	4.1	6.1





#75
Fluoranthene
Concen: 10.152 ng
RT: 18.868 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047142.D
Acq: 10 Aug 2024 14:31

Instrument :

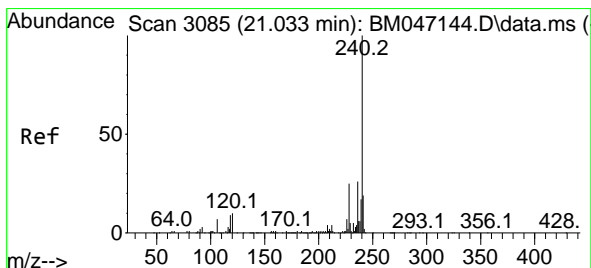
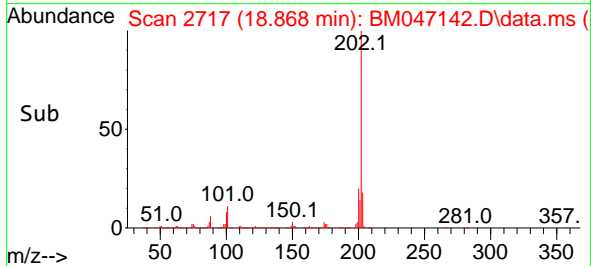
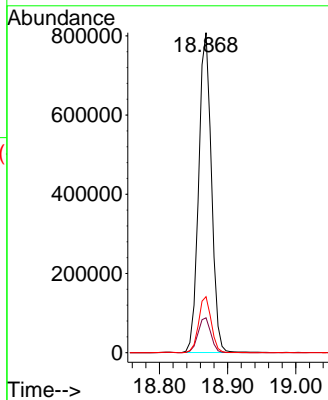
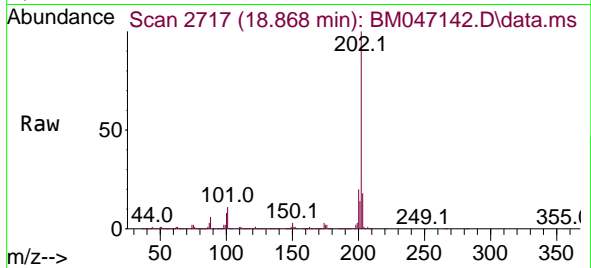
BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:202 Resp: 1047590

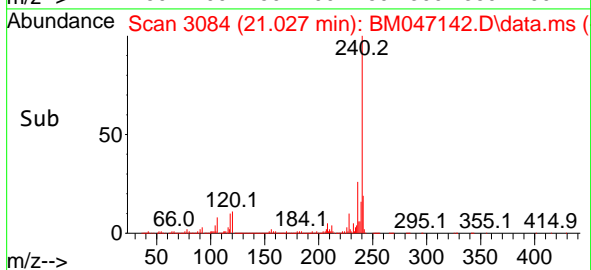
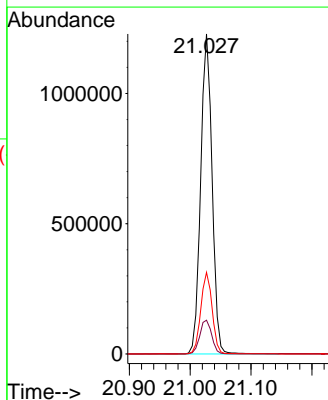
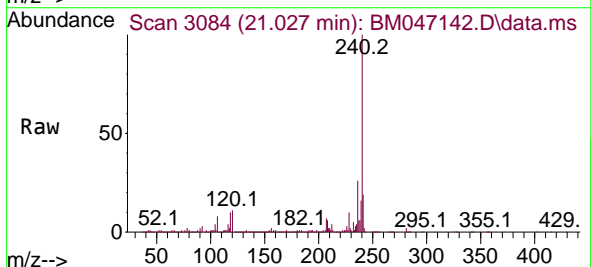
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.2
203	17.5	0.0	37.6

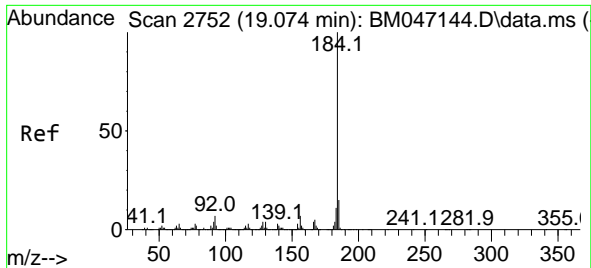


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047142.D
Acq: 10 Aug 2024 14:31

Tgt Ion:240 Resp: 1593166

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.2	12.2
236	25.5	20.6	30.8



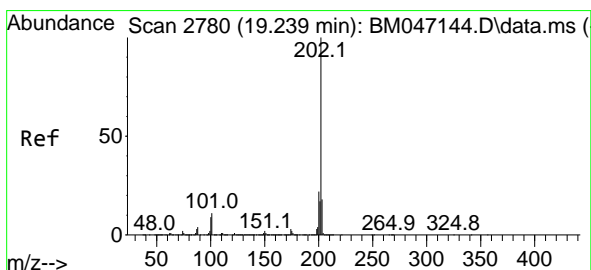
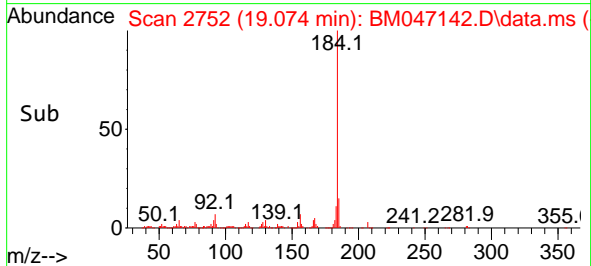
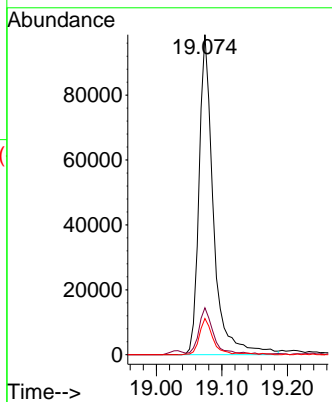
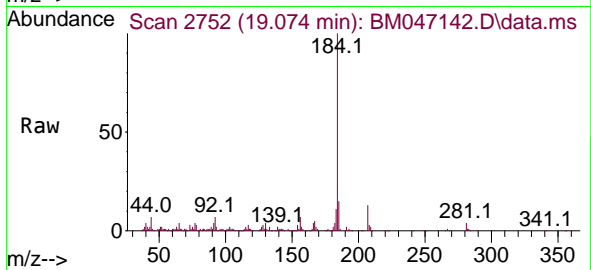


#77
 Benzidine
 Concen: 5.602 ng
 RT: 19.074 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tgt Ion:184 Resp: 151348

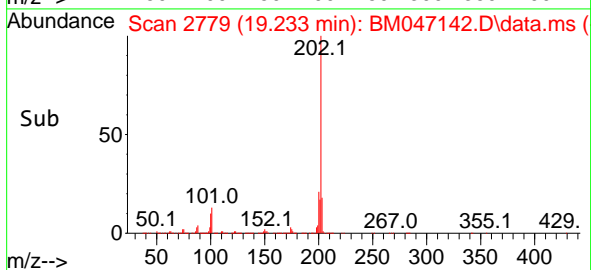
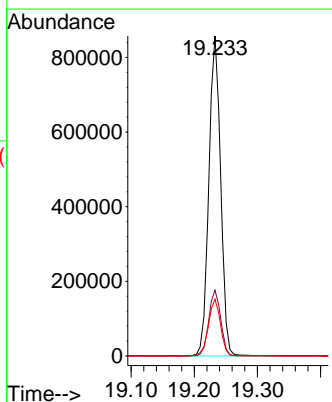
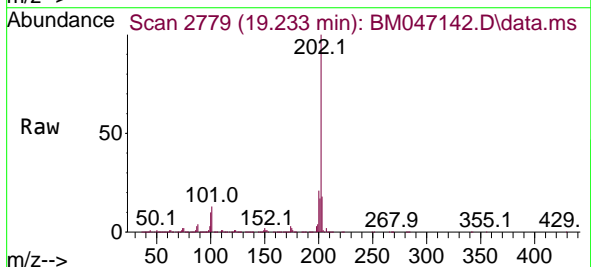
Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.6
183	11.3	9.0	13.6

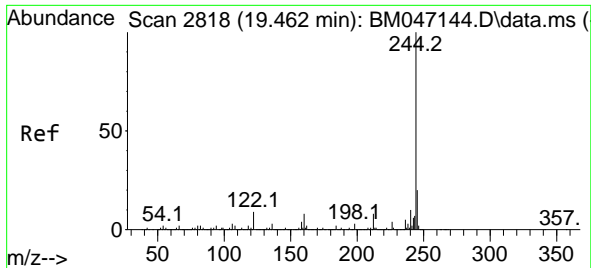


#78
 Pyrene
 Concen: 9.792 ng
 RT: 19.233 min Scan# 2779
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:202 Resp: 1113925

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.2	25.8
203	17.7	14.2	21.2



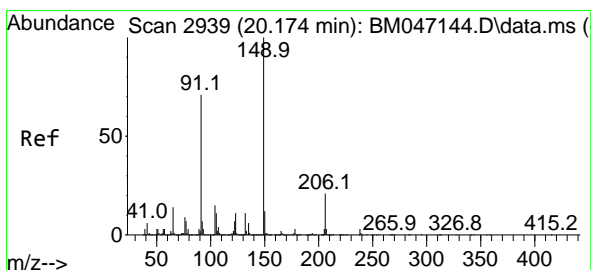
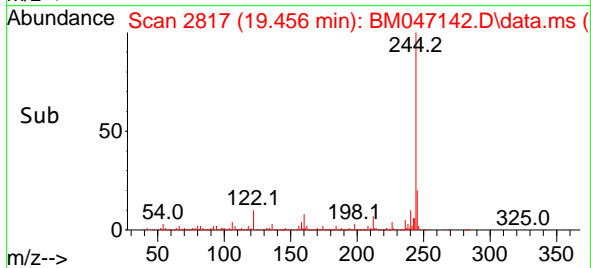
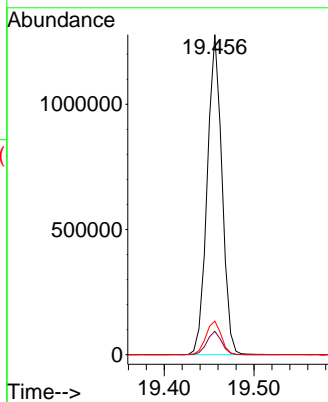
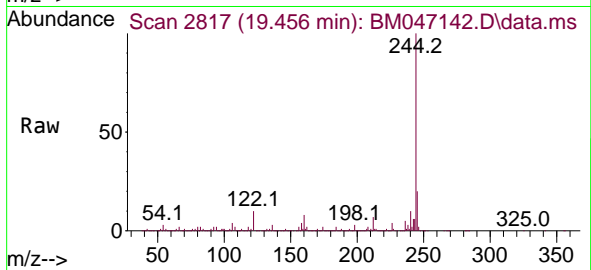


#79
 Terphenyl-d14
 Concen: 19.636 ng
 RT: 19.456 min Scan# 2817
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tgt Ion:244 Resp: 1459931

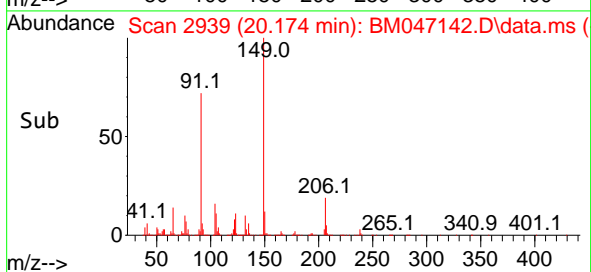
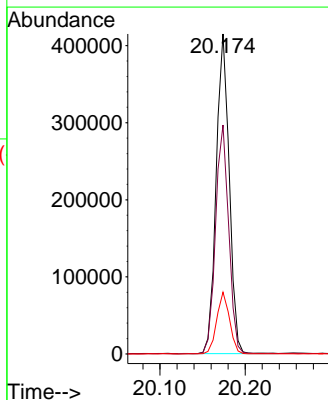
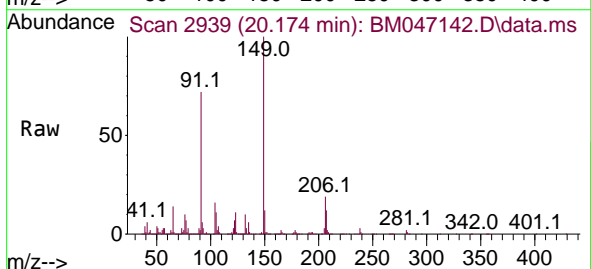
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.4
122	10.5	7.1	10.7

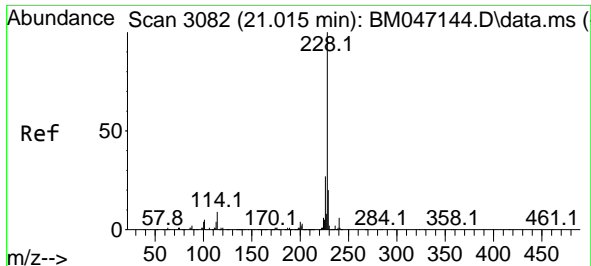


#80
 Butylbenzylphthalate
 Concen: 9.467 ng
 RT: 20.174 min Scan# 2939
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:149 Resp: 439513

Ion	Ratio	Lower	Upper
149	100		
91	71.5	57.0	85.4
206	19.3	16.4	24.6



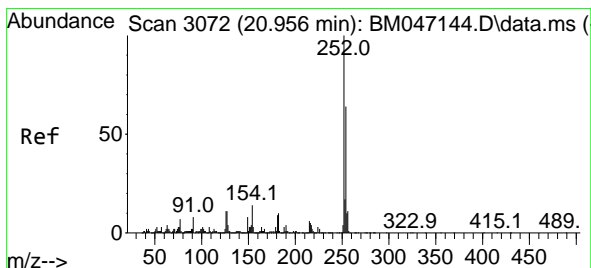
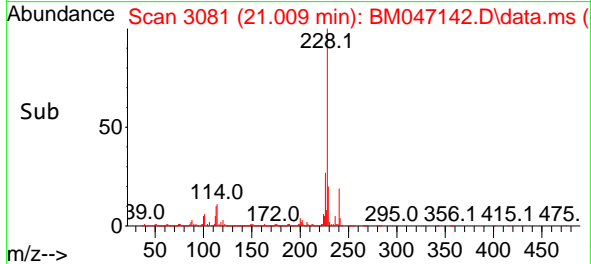
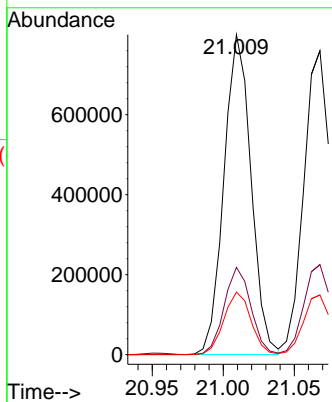
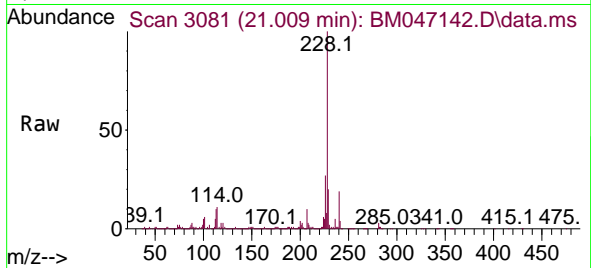


#81
 Benzo(a)anthracene
 Concen: 10.026 ng
 RT: 21.009 min Scan# 3081
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument : BNA_M
 ClientSampleId : SSTDICC010

Tgt Ion:228 Resp: 1060395

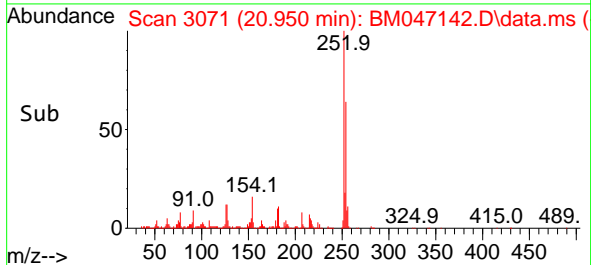
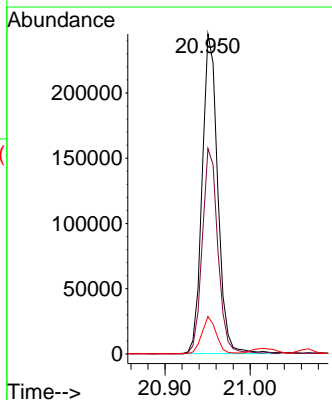
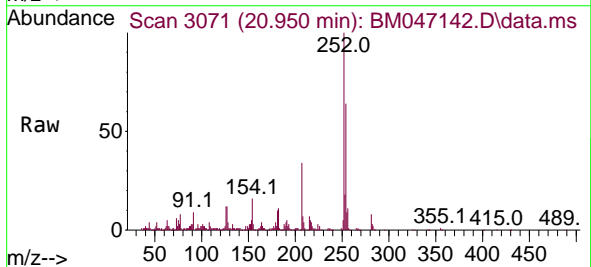
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.6
229	19.6	15.8	23.8

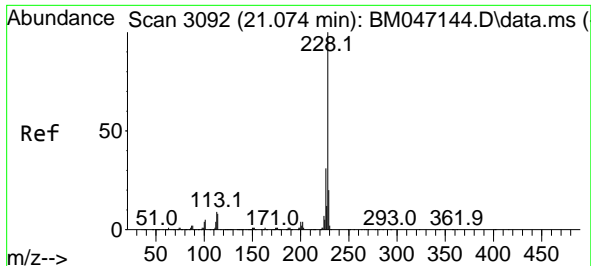


#82
 3,3'-Dichlorobenzidine
 Concen: 9.398 ng
 RT: 20.950 min Scan# 3071
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:252 Resp: 311004

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.0	76.6
126	11.7	8.5	12.7





#83
 Chrysene
 Concen: 10.188 ng
 RT: 21.068 min Scan# 3091
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :

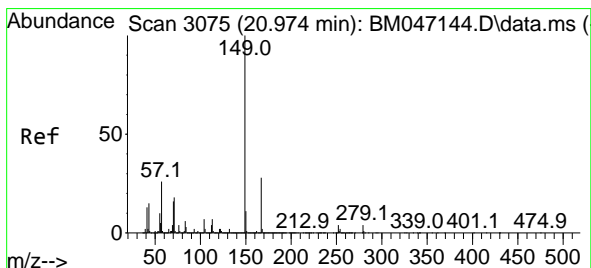
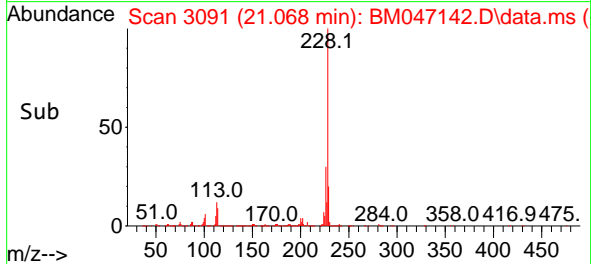
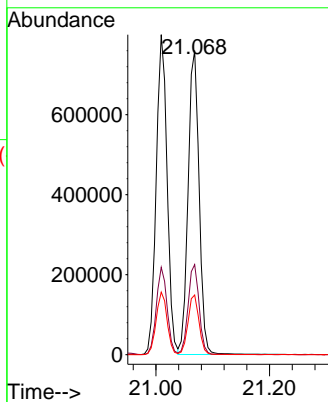
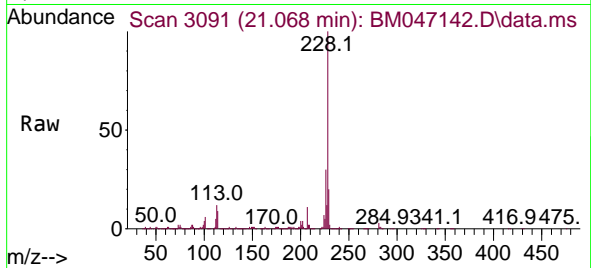
BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 1022315

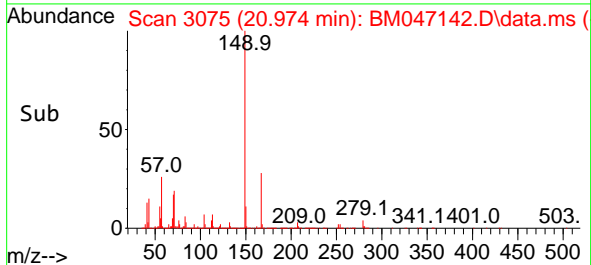
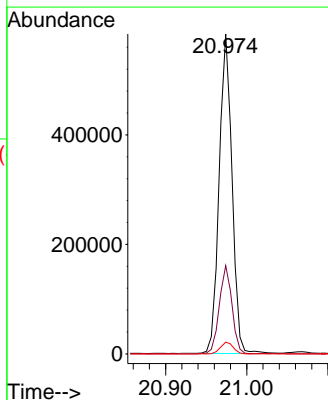
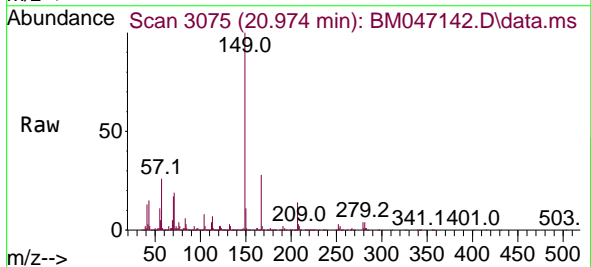
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.4	36.6
229	19.7	15.7	23.5

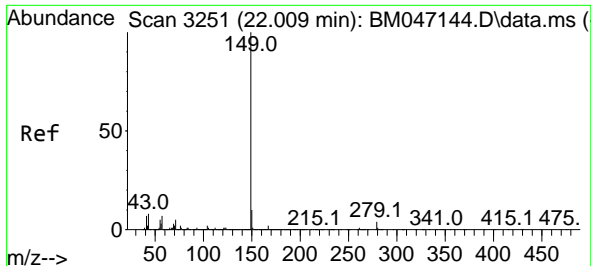


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.777 ng
 RT: 20.974 min Scan# 3075
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:149 Resp: 643719

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.2
279	3.7	3.0	4.4



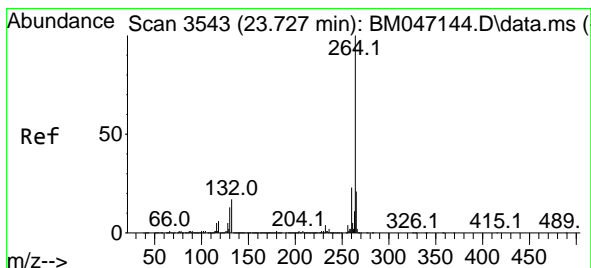
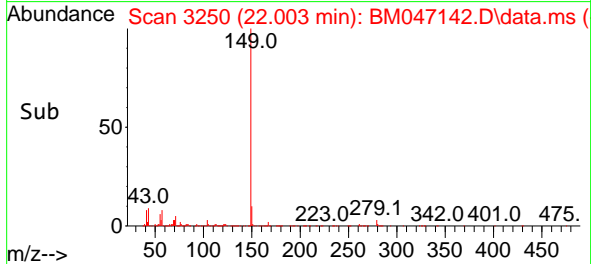
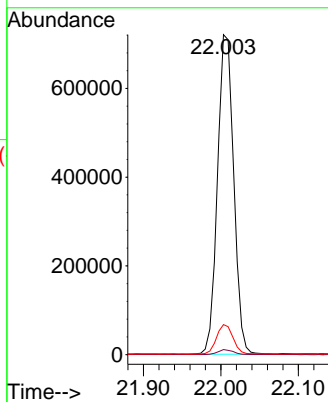
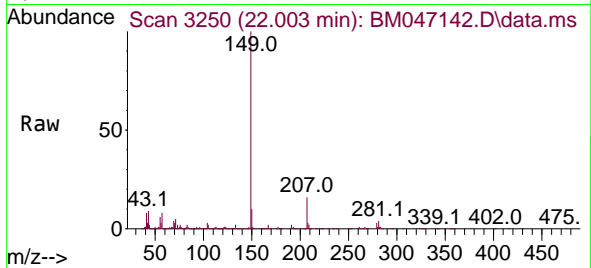


#85
 Di-n-octyl phthalate
 Concen: 9.368 ng
 RT: 22.003 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tgt Ion:149 Resp: 1048294

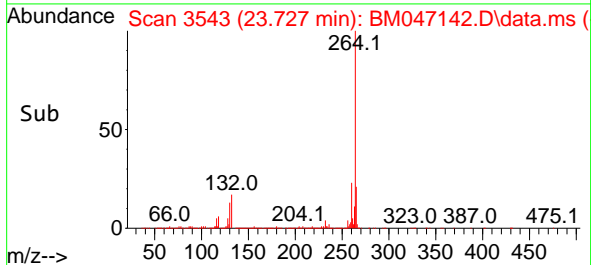
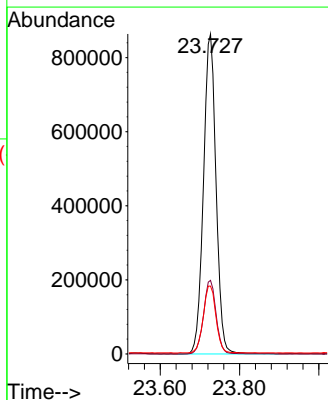
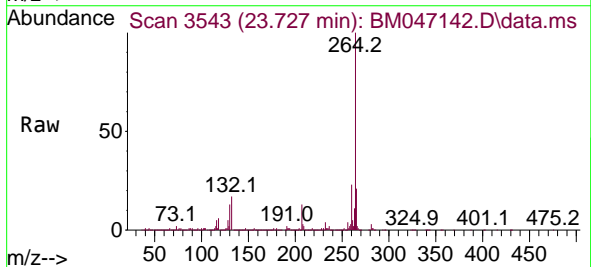
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.5	6.9	10.3

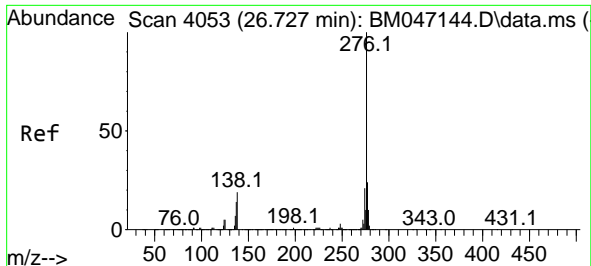


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3543
 Delta R.T. -0.000 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:264 Resp: 1901592

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	21.2	17.3	25.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.899 ng
 RT: 26.715 min Scan# 4051
 Delta R.T. -0.012 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

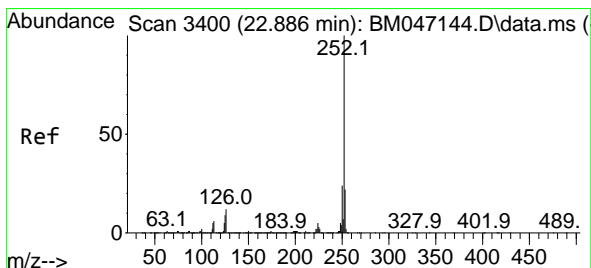
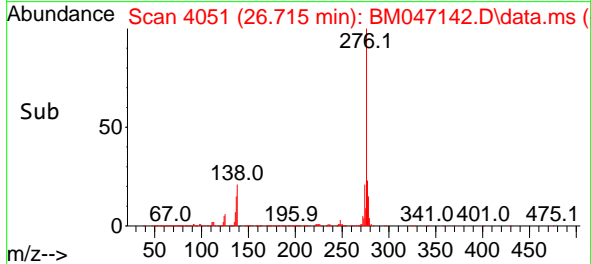
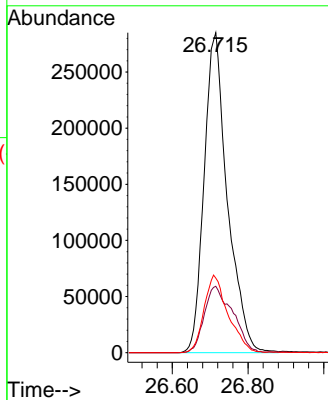
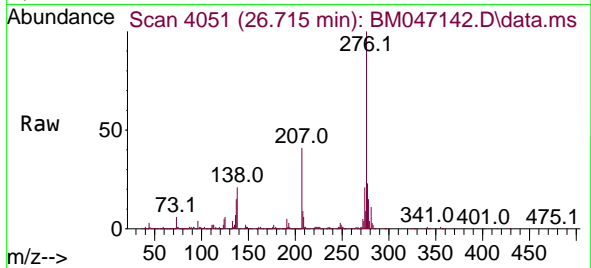
Instrument :

BNA_M

ClientSampleId :

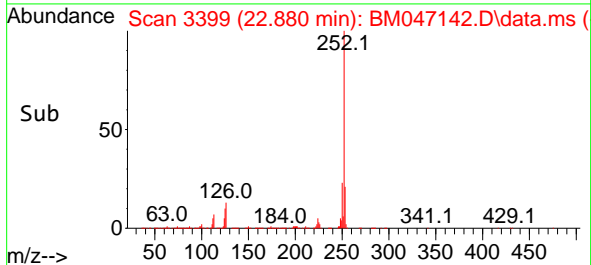
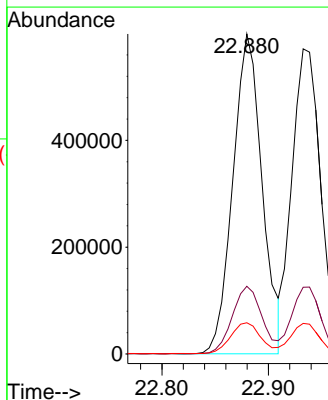
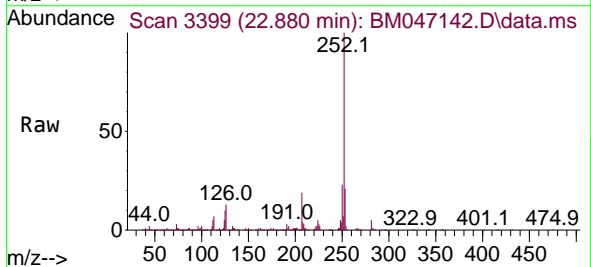
SSTDICC010

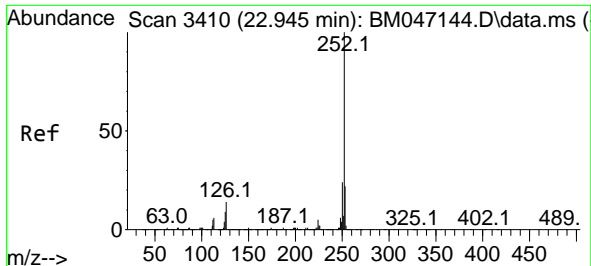
Tgt Ion:276 Resp: 1216673
 Ion Ratio Lower Upper
 276 100
 138 25.4 19.4 29.0
 277 25.0 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 10.100 ng
 RT: 22.880 min Scan# 3399
 Delta R.T. -0.006 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:252 Resp: 1140578
 Ion Ratio Lower Upper
 252 100
 253 21.1 17.8 26.6
 125 9.7 7.4 11.0



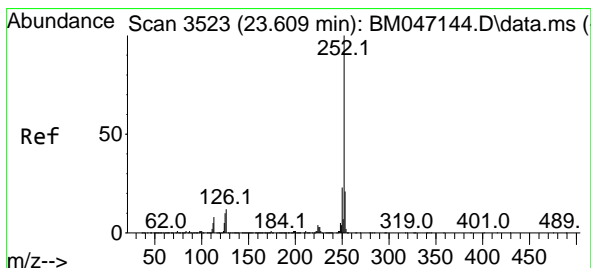
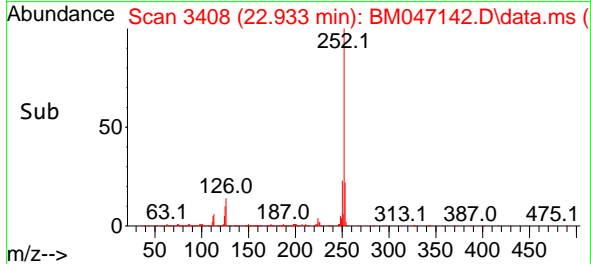
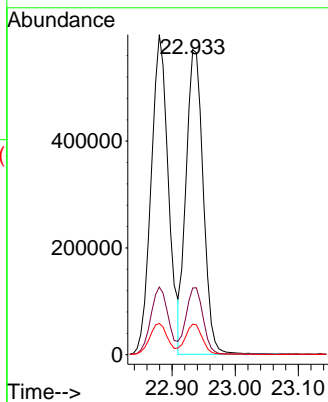
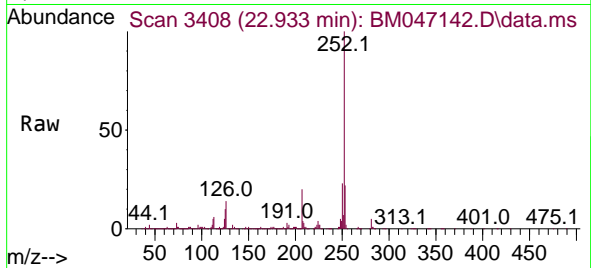


#89
 Benzo(k)fluoranthene
 Concen: 10.108 ng
 RT: 22.933 min Scan# 3408
 Delta R.T. -0.012 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Instrument : BNA_M
 Client Sample Id : SSTDIC010

Tgt Ion:252 Resp: 1078126

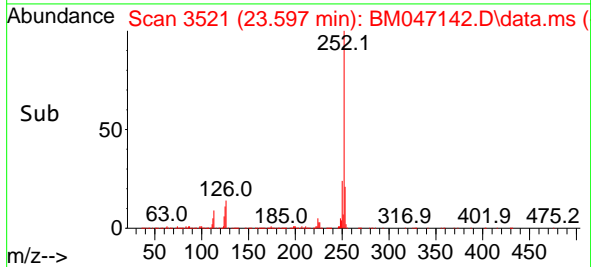
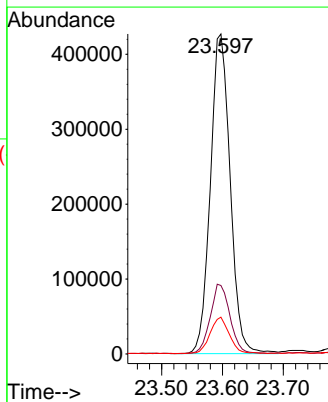
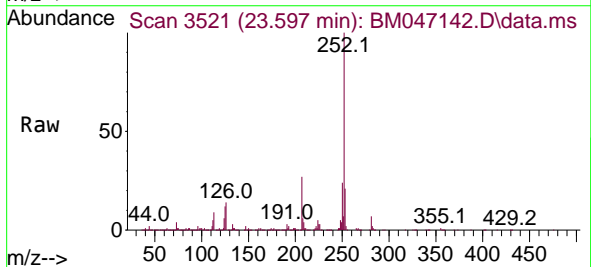
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.0	7.4	11.2

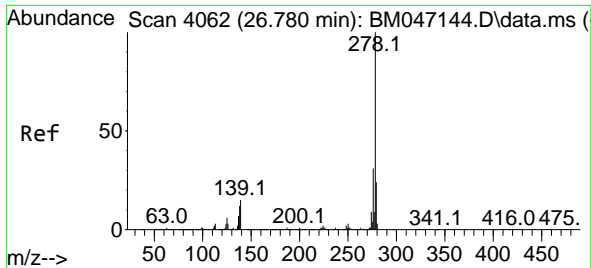


#90
 Benzo(a)pyrene
 Concen: 9.865 ng
 RT: 23.597 min Scan# 3521
 Delta R.T. -0.012 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion:252 Resp: 965036

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	11.5	8.2	12.2

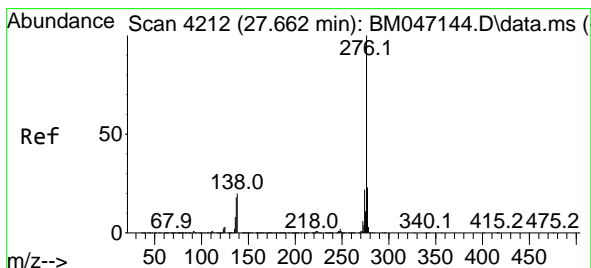
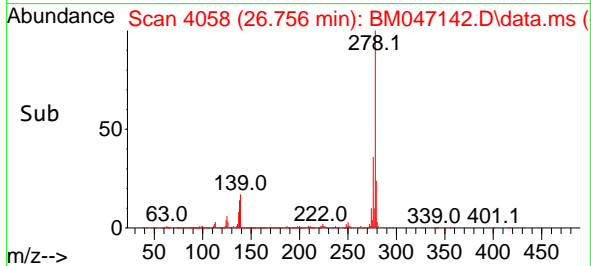
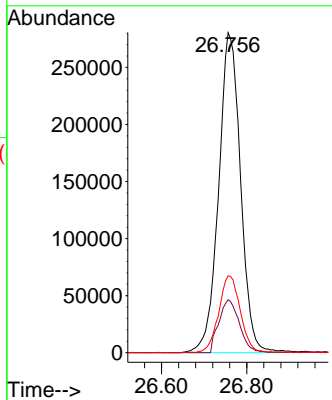
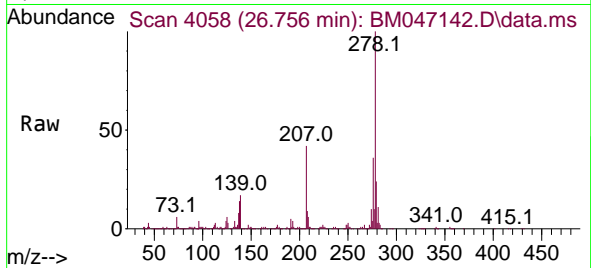




#91
 Dibenzo(a,h)anthracene
 Concen: 10.051 ng
 RT: 26.756 min Scan# 4062
 Delta R.T. -0.024 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

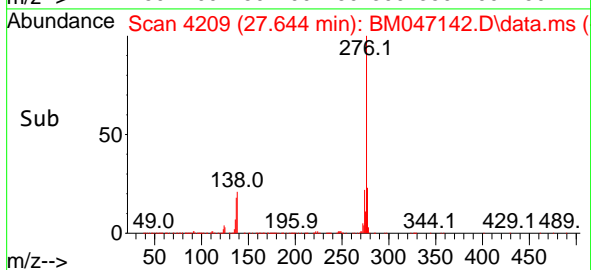
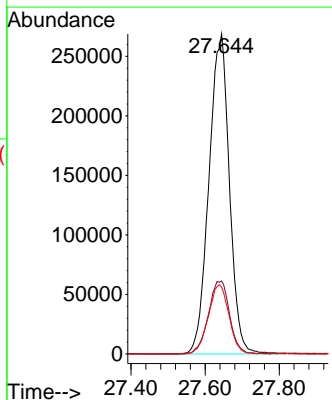
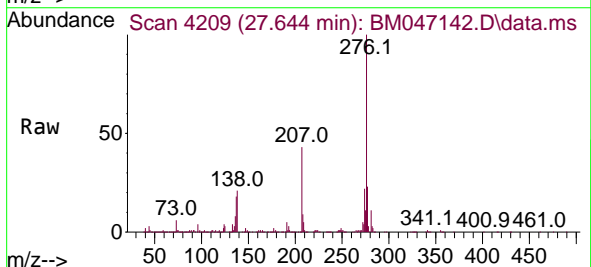
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tgt Ion	Resp	Lower	Upper
278	100		
139	16.6	12.0	18.0
279	24.0	19.2	28.8



#92
 Benzo(g,h,i)perylene
 Concen: 9.964 ng
 RT: 27.644 min Scan# 4209
 Delta R.T. -0.018 min
 Lab File: BM047142.D
 Acq: 10 Aug 2024 14:31

Tgt Ion	Resp	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	20.9	16.2	24.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047143.D
 Acq On : 10 Aug 2024 15:11
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Quant Time: Aug 11 23:32:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:24:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.375	152	264468	20.000	ng	0.00	
21) Naphthalene-d8	10.128	136	1115607	20.000	ng	0.00	
39) Acenaphthene-d10	14.034	164	747989	20.000	ng	0.00	
64) Phenanthrene-d10	16.792	188	1595663	20.000	ng	0.00	
76) Chrysene-d12	21.027	240	1449202	20.000	ng	0.00	
86) Perylene-d12	23.727	264	1737656	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.022	112	633062	42.772	ng	0.00	
7) Phenol-d6	6.581	99	873552	42.833	ng	0.00	
23) Nitrobenzene-d5	8.522	82	936280	42.259	ng	0.00	
42) 2,4,6-Tribromophenol	15.539	330	371649	42.851	ng	0.00	
45) 2-Fluorobiphenyl	12.639	172	1998004	41.204	ng	0.00	
79) Terphenyl-d14	19.457	244	2776457	41.052	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.034	88	131017	21.364	ng		99
3) Pyridine	3.411	79	385480	21.451	ng		99
4) n-Nitrosodimethylamine	3.328	42	166470	21.188	ng	#	94
6) Aniline	6.722	93	418736	21.723	ng		99
8) 2-Chlorophenol	6.952	128	350051	21.684	ng		99
9) Benzaldehyde	6.540	77	270923	21.095	ng		98
10) Phenol	6.610	94	434987	21.375	ng		99
11) bis(2-Chloroethyl)ether	6.822	93	372085	21.351	ng		99
12) 1,3-Dichlorobenzene	7.263	146	406387	21.185	ng		100
13) 1,4-Dichlorobenzene	7.410	146	413095	21.269	ng		98
14) 1,2-Dichlorobenzene	7.716	146	400406	21.850	ng		99
15) Benzyl Alcohol	7.622	79	314490	21.667	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.904	45	491561	21.956	ng		99
17) 2-Methylphenol	7.834	107	294855	21.718	ng		99
18) Hexachloroethane	8.428	117	158678	21.091	ng		99
19) n-Nitroso-di-n-propyla...	8.181	70	300944	21.907	ng		97
20) 3+4-Methylphenols	8.157	107	415106	21.871	ng		97
22) Acetophenone	8.193	105	569010	21.130	ng		99
24) Nitrobenzene	8.563	77	477014	21.382	ng		97
25) Isophorone	9.087	82	816407	21.163	ng		99
26) 2-Nitrophenol	9.263	139	201069	20.351	ng		98
27) 2,4-Dimethylphenol	9.346	122	242158	20.924	ng		100
28) bis(2-Chloroethoxy)met...	9.575	93	511416	21.069	ng		99
29) 2,4-Dichlorophenol	9.793	162	354907	20.667	ng		98
30) 1,2,4-Trichlorobenzene	9.998	180	400292	20.598	ng		99
31) Naphthalene	10.181	128	1162115	20.911	ng		99
32) Benzoic acid	9.487	122	267804	19.806	ng		98
33) 4-Chloroaniline	10.304	127	455929	21.333	ng		100
34) Hexachlorobutadiene	10.463	225	230475	20.262	ng		99
35) Caprolactam	11.098	113	124776	20.923	ng		100
36) 4-Chloro-3-methylphenol	11.451	107	386762	21.148	ng		100
37) 2-Methylnaphthalene	11.804	142	828088	20.927	ng		100
38) 1-Methylnaphthalene	12.028	142	819798	20.963	ng		98
40) 1,2,4,5-Tetrachloroben...	12.187	216	414428	20.313	ng		99
41) Hexachlorocyclopentadiene	12.163	237	142951	20.066	ng		100
43) 2,4,6-Trichlorophenol	12.445	196	294494	20.309	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047143.D
 Acq On : 10 Aug 2024 15:11
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Quant Time: Aug 11 23:32:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:24:37 2024
 Response via : Initial Calibration

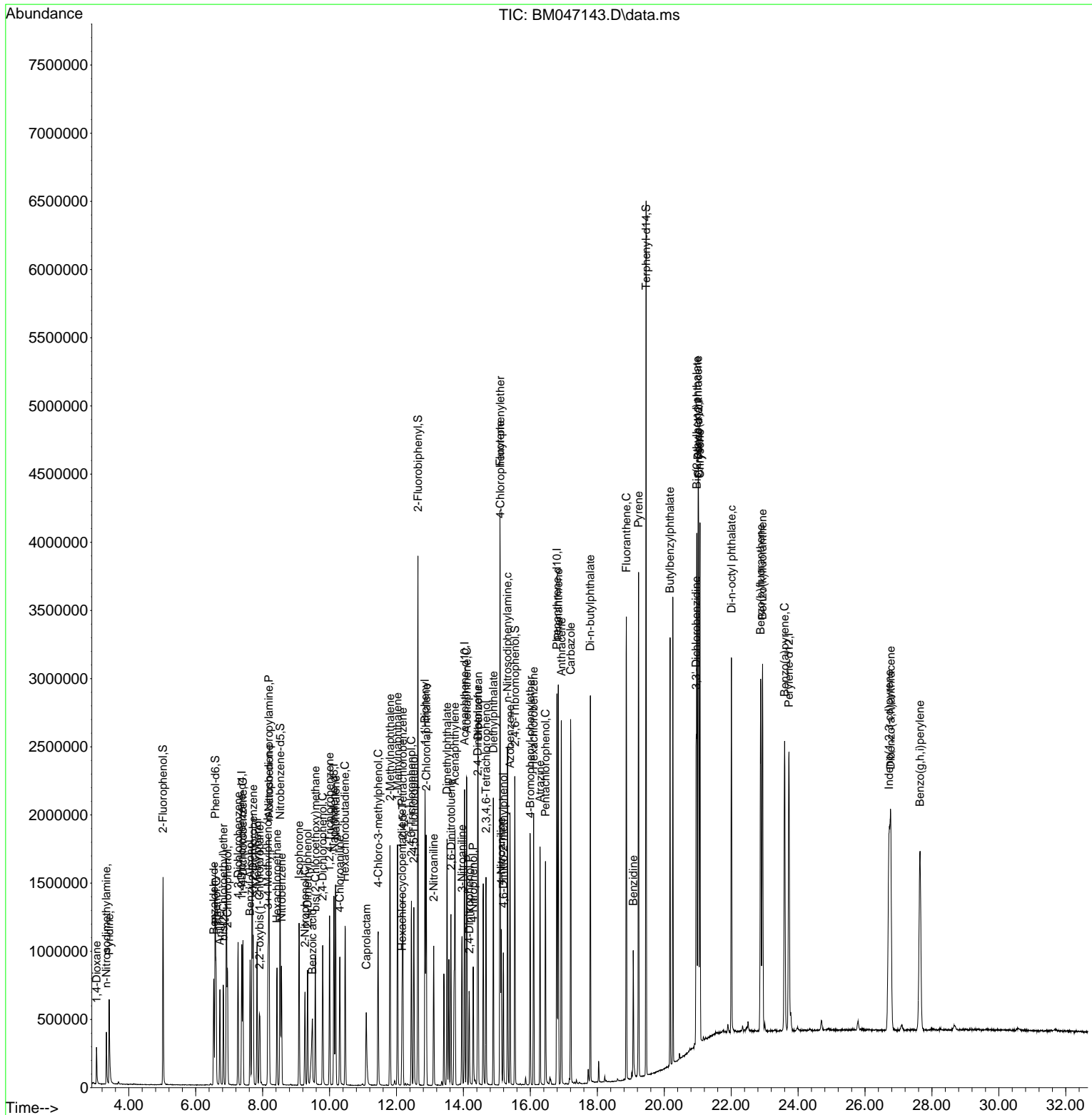
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	327981	20.371	ng	98
46) 1,1'-Biphenyl	12.851	154	1106359	20.776	ng	98
47) 2-Chloronaphthalene	12.887	162	879955	21.142	ng	99
48) 2-Nitroaniline	13.110	65	274398	21.044	ng	96
49) Acenaphthylene	13.745	152	1295508	21.117	ng	99
50) Dimethylphthalate	13.510	163	1098249	21.023	ng	100
51) 2,6-Dinitrotoluene	13.628	165	252319	20.662	ng	99
52) Acenaphthene	14.098	154	812631	20.882	ng	99
53) 3-Nitroaniline	13.957	138	257120	21.012	ng	98
54) 2,4-Dinitrophenol	14.175	184	138230	18.886	ng	99
55) Dibenzofuran	14.439	168	1292618	21.028	ng	98
56) 4-Nitrophenol	14.292	139	219007	20.755	ng	97
57) 2,4-Dinitrotoluene	14.422	165	343833	21.094	ng	96
58) Fluorene	15.092	166	1066342	21.024	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.675	232	275845	20.846	ng	98
60) Diethylphthalate	14.892	149	1126281	21.113	ng	98
61) 4-Chlorophenyl-phenyle...	15.098	204	496242	20.551	ng	100
62) 4-Nitroaniline	15.128	138	258531m	21.445	ng	
63) Azobenzene	15.392	77	1090035	21.550	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	191622	20.511	ng	97
66) n-Nitrosodiphenylamine	15.316	169	914838	21.049	ng	99
67) 4-Bromophenyl-phenylether	15.998	248	316488	20.583	ng	99
68) Hexachlorobenzene	16.098	284	382395	20.765	ng	99
69) Atrazine	16.286	200	290743	22.231	ng	99
70) Pentachlorophenol	16.451	266	263728	20.430	ng	99
71) Phenanthrene	16.833	178	1652375	20.634	ng	100
72) Anthracene	16.927	178	1637902	21.021	ng	100
73) Carbazole	17.204	167	1678200	21.094	ng	99
74) Di-n-butylphthalate	17.792	149	1951166	21.077	ng	99
75) Fluoranthene	18.868	202	2002438	20.558	ng	99
77) Benzidine	19.074	184	541138	22.019	ng	99
78) Pyrene	19.233	202	2091746	20.215	ng	99
80) Butylbenzylphthalate	20.174	149	869066	20.580	ng	98
81) Benzo(a)anthracene	21.010	228	1977415	20.554	ng	100
82) 3,3'-Dichlorobenzidine	20.957	252	636034	21.130	ng	98
83) Chrysene	21.068	228	1885561	20.657	ng	99
84) Bis(2-ethylhexyl)phtha...	20.974	149	1257178	20.992	ng	99
85) Di-n-octyl phthalate	22.009	149	2072238	20.358	ng	99
87) Indeno(1,2,3-cd)pyrene	26.715	276	2373808	21.135	ng	99
88) Benzo(b)fluoranthene	22.880	252	2123837	20.581	ng	99
89) Benzo(k)fluoranthene	22.939	252	2041826	20.948	ng	99
90) Benzo(a)pyrene	23.598	252	1851508	20.712	ng	99
91) Dibenzo(a,h)anthracene	26.768	278	1944551	21.393	ng	99
92) Benzo(g,h,i)perylene	27.644	276	2020018	21.405	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

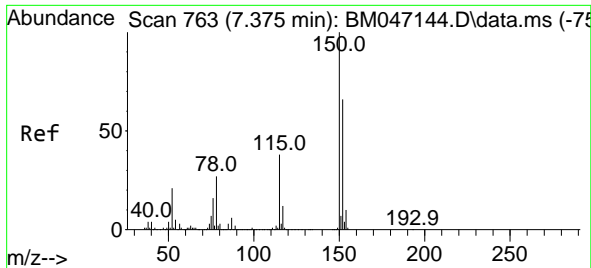
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
Data File : BM047143.D
Acq On : 10 Aug 2024 15:11
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Aug 11 23:32:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:24:37 2024
Response via : Initial Calibration



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
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- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17

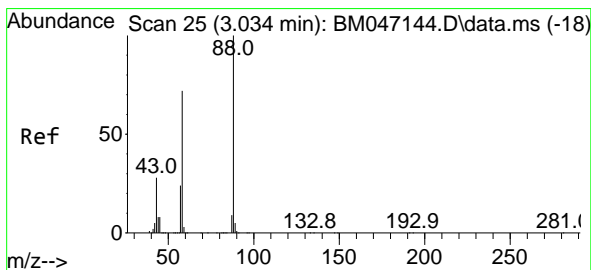
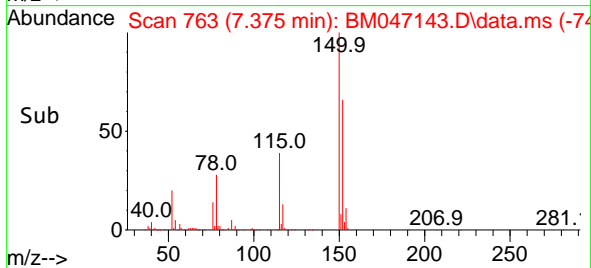
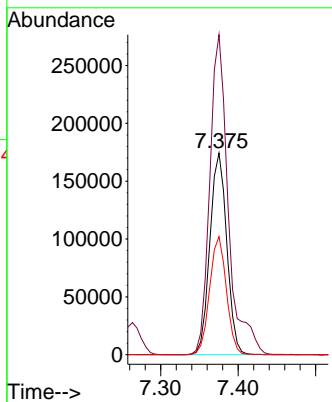
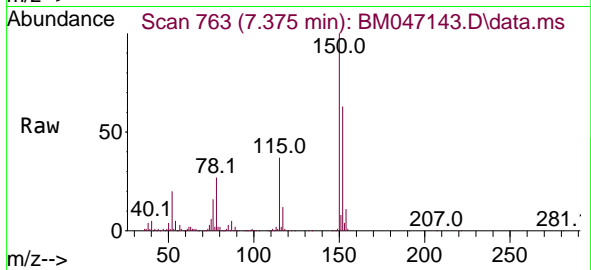


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.375 min Scan# 70
Delta R.T. 0.000 min
Lab File: BM047143.D
Acq: 10 Aug 2024 15:11

Instrument : BNA_M
Client Sample Id : SSTDICC020

Tgt Ion:152 Resp: 264468

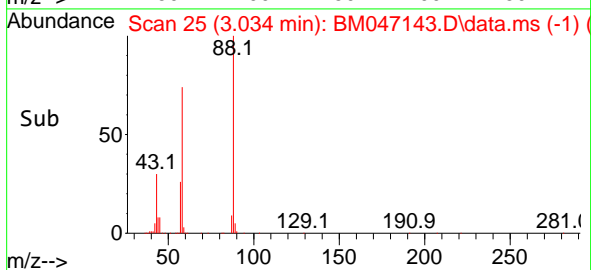
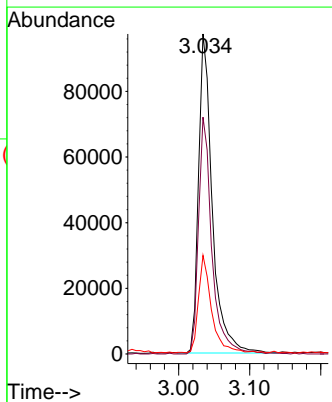
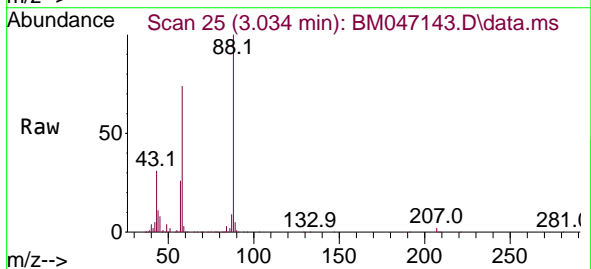
Ion	Ratio	Lower	Upper
152	100		
150	158.7	120.5	180.7
115	58.6	45.5	68.3

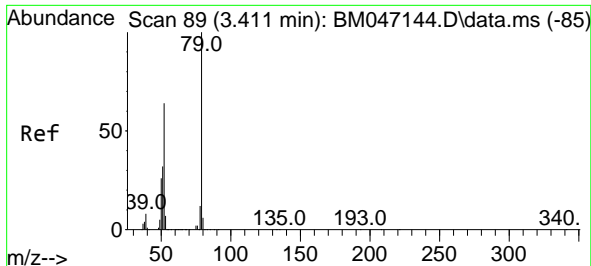


#2
1,4-Dioxane
Concen: 21.364 ng
RT: 3.034 min Scan# 25
Delta R.T. 0.000 min
Lab File: BM047143.D
Acq: 10 Aug 2024 15:11

Tgt Ion: 88 Resp: 131017

Ion	Ratio	Lower	Upper
88	100		
58	72.4	58.2	87.4
43	29.1	22.5	33.7



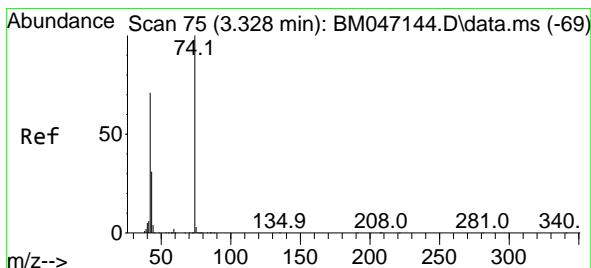
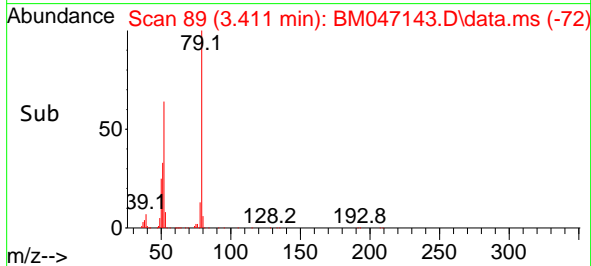
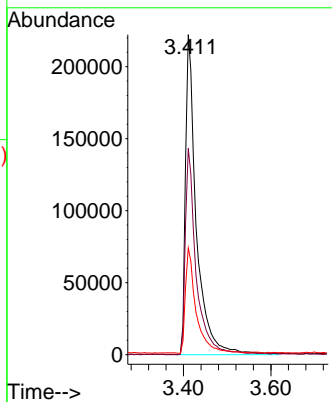
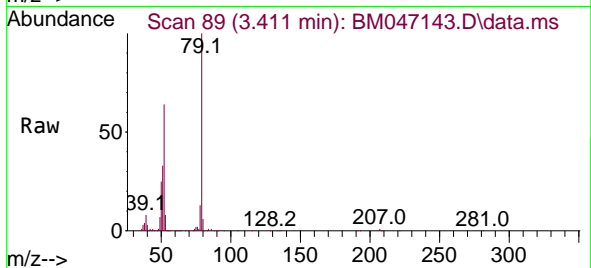


#3
 Pyridine
 Concen: 21.451 ng
 RT: 3.411 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tgt Ion: 79 Resp: 385480

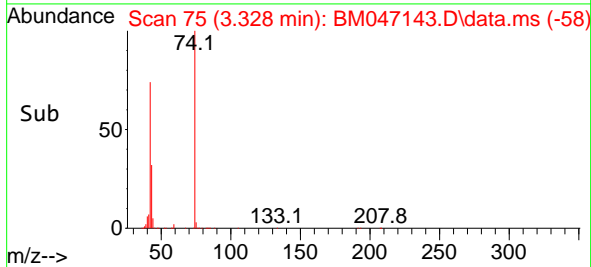
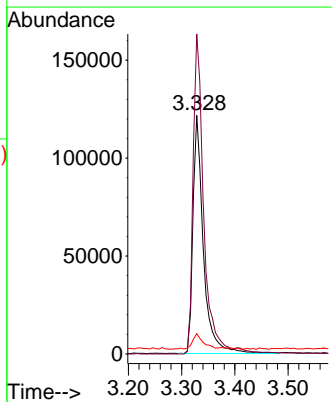
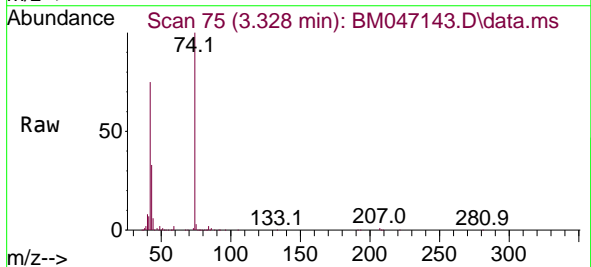
Ion	Ratio	Lower	Upper
79	100		
52	64.5	51.2	76.8
51	33.3	26.1	39.1

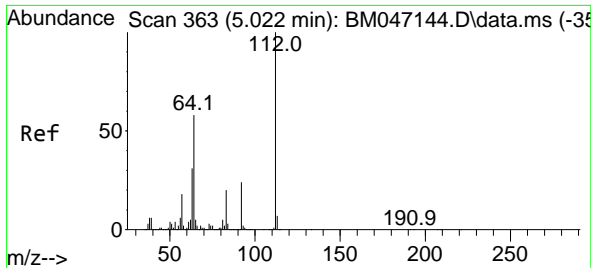


#4
 n-Nitrosodimethylamine
 Concen: 21.188 ng
 RT: 3.328 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion: 42 Resp: 166470

Ion	Ratio	Lower	Upper
42	100		
74	134.1	112.9	169.3
44	8.5	5.3	7.9

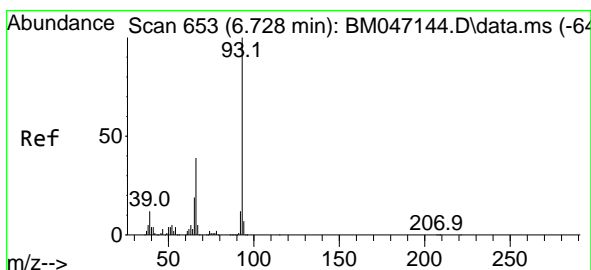
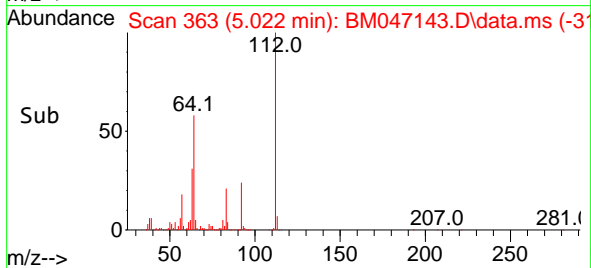
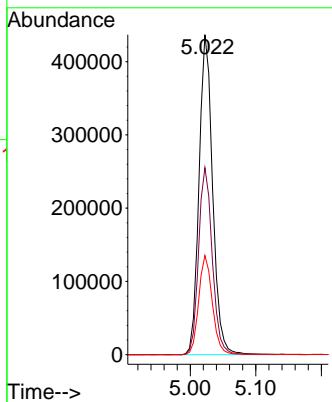
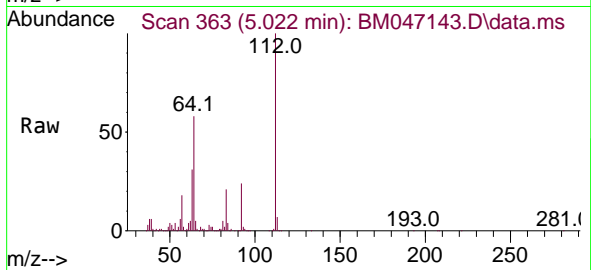




#5
 2-Fluorophenol
 Concen: 42.772 ng
 RT: 5.022 min Scan# 363
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

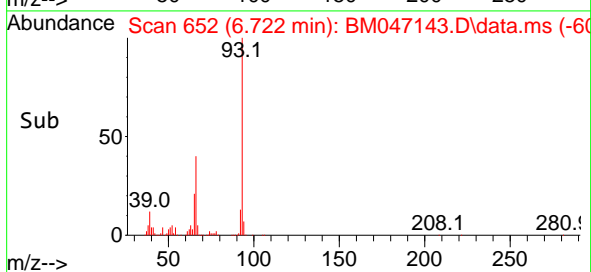
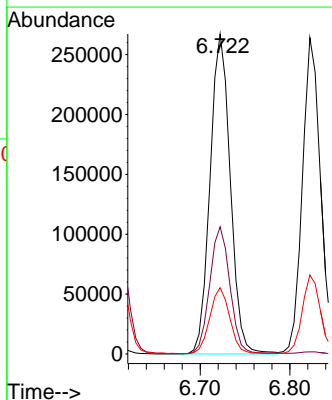
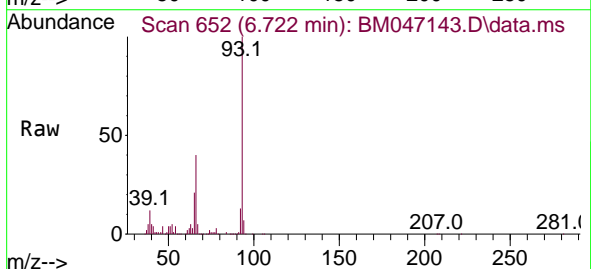
Instrument : BNA_M
 ClientSampleId : SSTDICC020

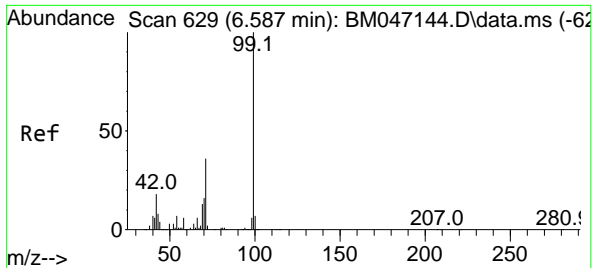
Tgt Ion	Resp	Ion Ratio	Lower	Upper
112	633062	100		
64	58.4	46.7	70.1	
63	31.0	24.8	37.2	



#6
 Aniline
 Concen: 21.723 ng
 RT: 6.722 min Scan# 652
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion	Resp	Ion Ratio	Lower	Upper
93	418736	100		
66	39.8	31.4	47.2	
65	20.7	15.6	23.4	



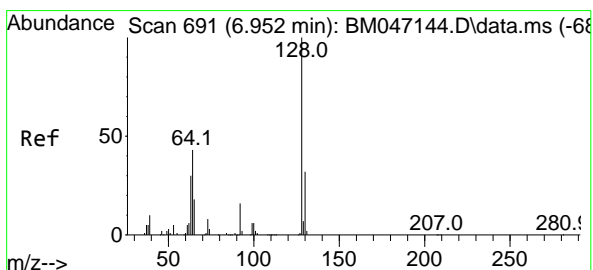
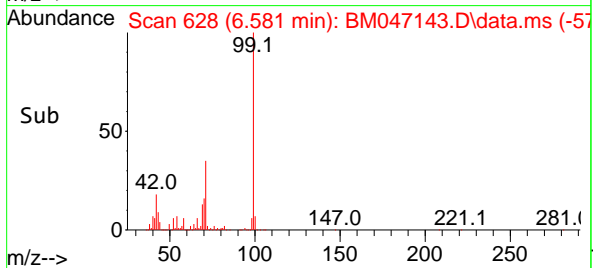
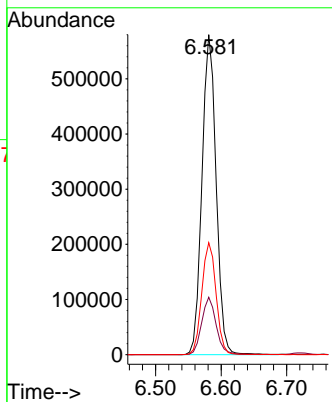
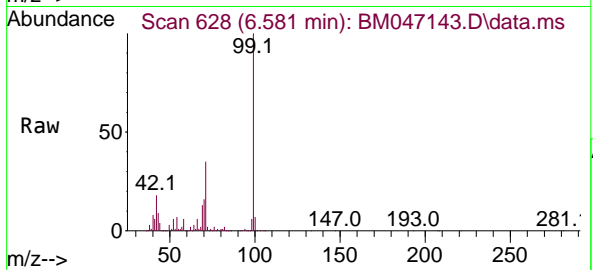


#7
 Phenol-d6
 Concen: 42.833 ng
 RT: 6.581 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument : BNA_M
 Client Sample Id : SSTDICC020

Tgt Ion: 99 Resp: 873552

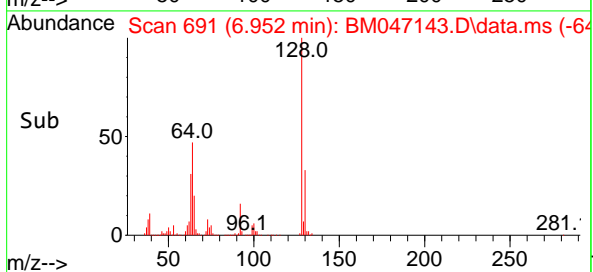
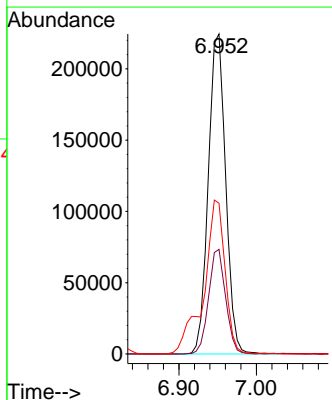
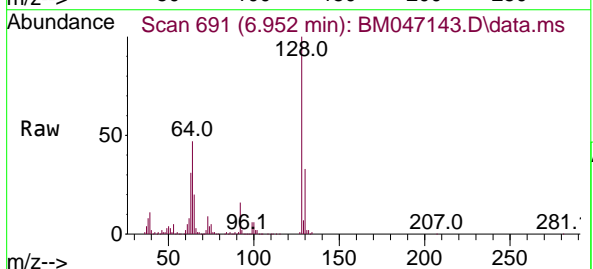
Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.1	21.1
71	35.0	28.5	42.7

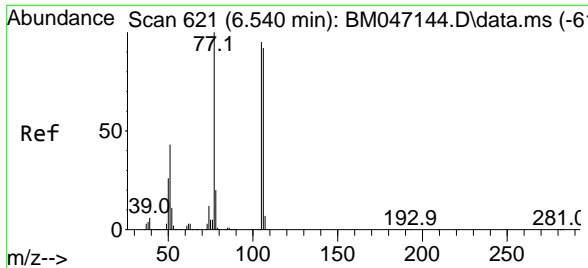


#8
 2-Chlorophenol
 Concen: 21.684 ng
 RT: 6.952 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion: 128 Resp: 350051

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.1	52.1
64	47.1	26.6	66.6



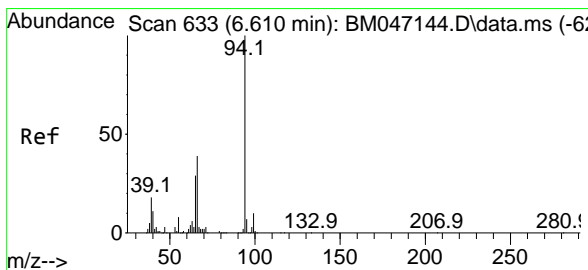
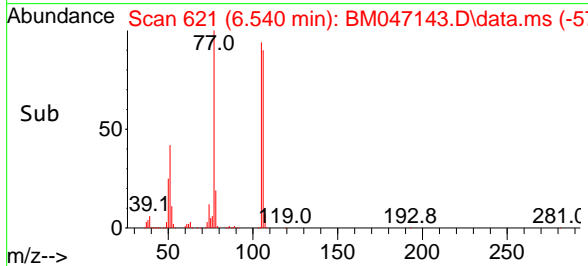
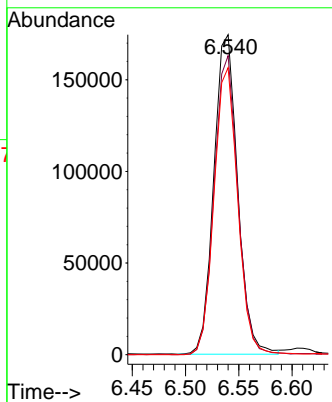
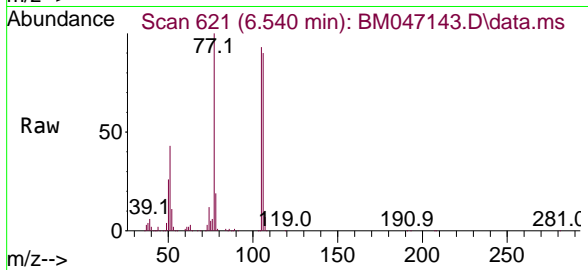


#9
 Benzaldehyde
 Concen: 21.095 ng
 RT: 6.540 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument : BNA_M
 ClientSampleId : SSTDICC020

Tgt Ion: 77 Resp: 270923

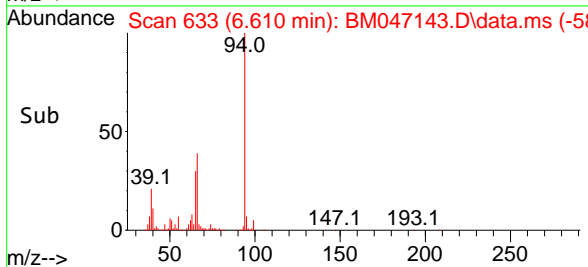
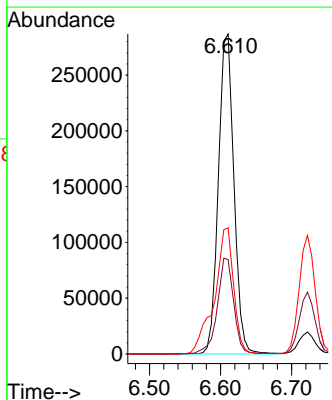
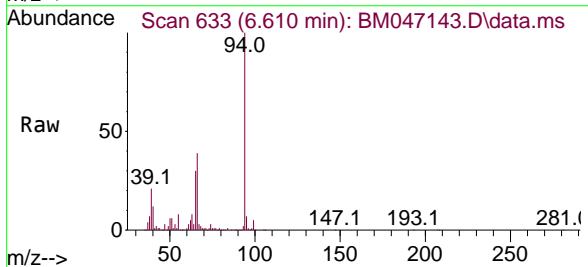
Ion	Ratio	Lower	Upper
77	100		
105	93.5	74.5	114.5
106	89.7	72.3	112.3

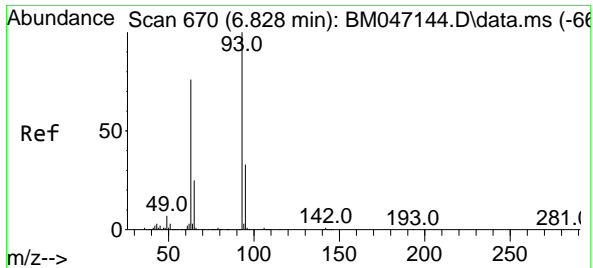


#10
 Phenol
 Concen: 21.375 ng
 RT: 6.610 min Scan# 633
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion: 94 Resp: 434987

Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.0	49.0
66	39.4	18.9	58.9





#11
 bis(2-Chloroethyl)ether
 Concen: 21.351 ng
 RT: 6.822 min Scan# 669
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :

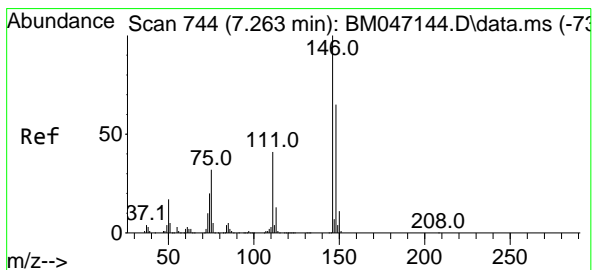
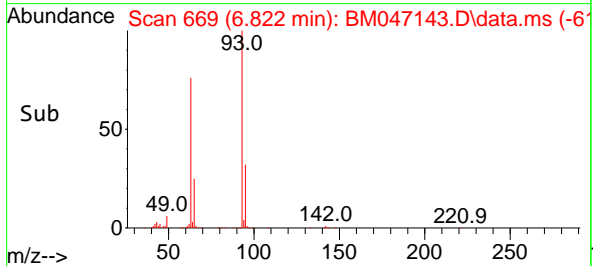
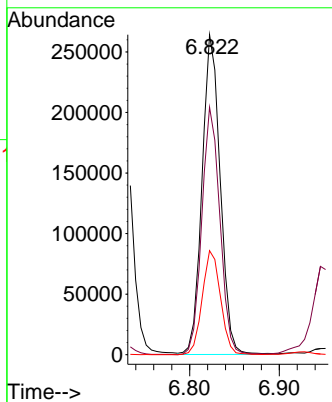
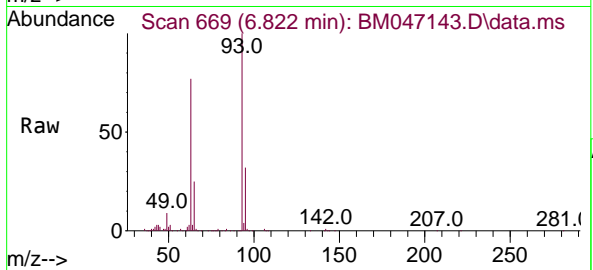
BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 372085

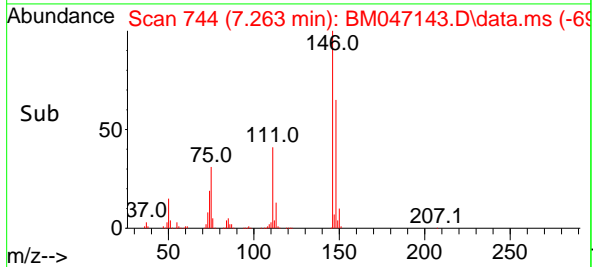
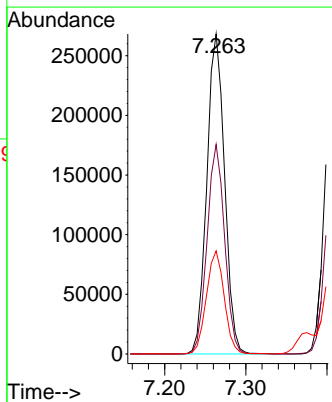
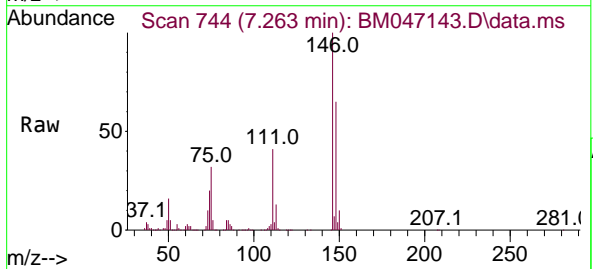
Ion	Ratio	Lower	Upper
93	100		
63	77.4	55.8	95.8
95	32.5	12.7	52.7

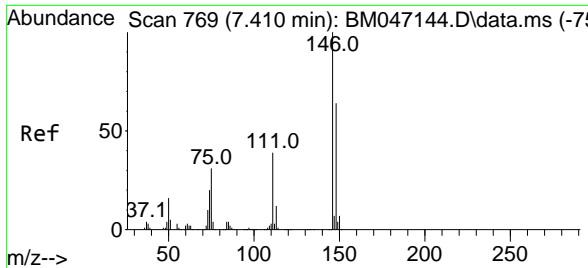


#12
 1,3-Dichlorobenzene
 Concen: 21.185 ng
 RT: 7.263 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion: 146 Resp: 406387

Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.3	78.5
75	32.2	25.8	38.6

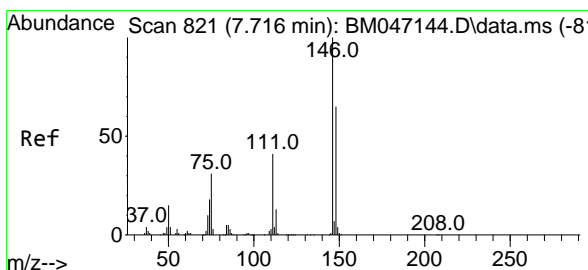
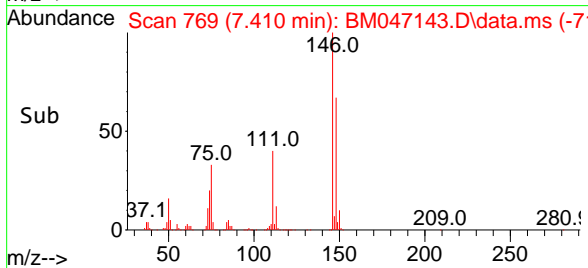
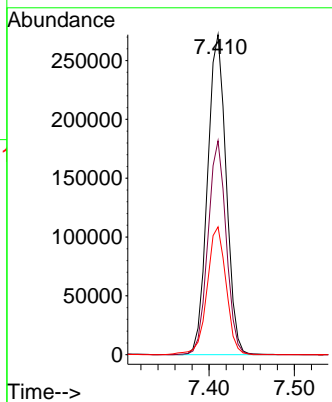
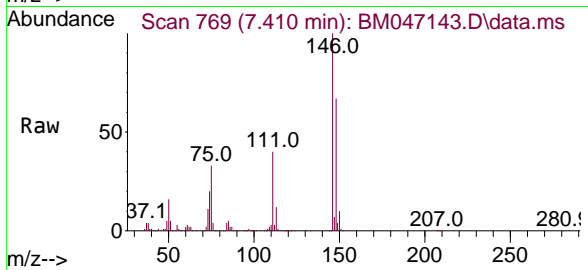




#13
 1,4-Dichlorobenzene
 Concen: 21.269 ng
 RT: 7.410 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

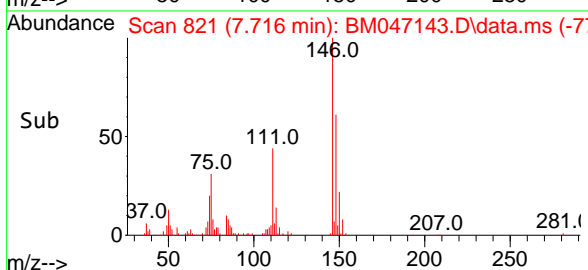
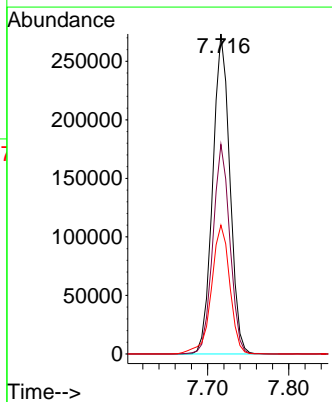
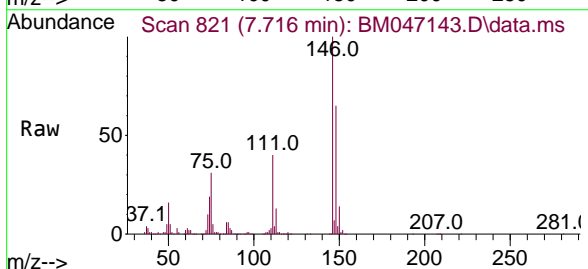
Instrument : BNA_M
 Client Sample Id : SSTDIC020

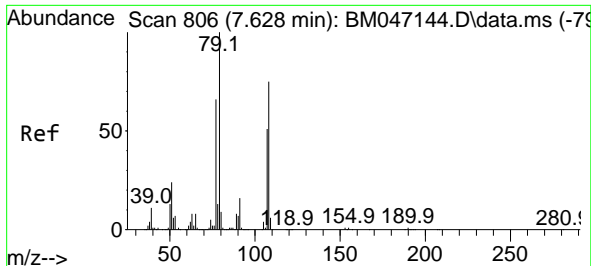
Tgt Ion	Resp	Lower	Upper
146	413095		
148	66.8	51.4	77.2
111	40.0	31.5	47.3



#14
 1,2-Dichlorobenzene
 Concen: 21.850 ng
 RT: 7.716 min Scan# 821
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion	Resp	Lower	Upper
146	400406		
148	65.5	51.8	77.8
111	40.3	33.3	49.9



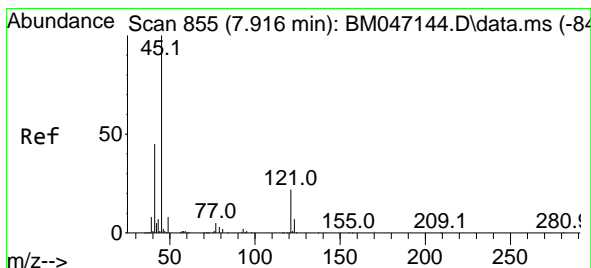
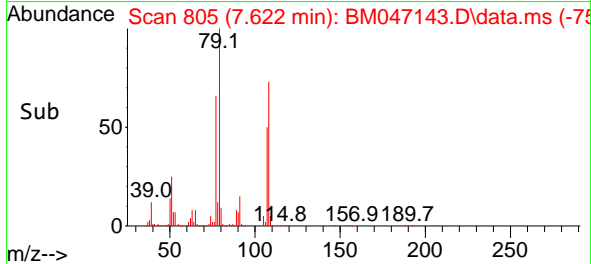
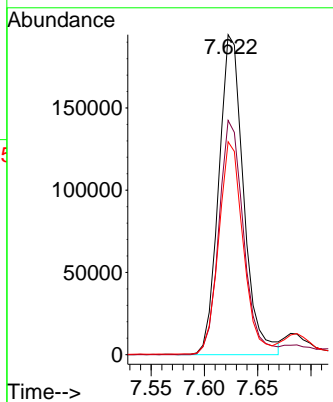
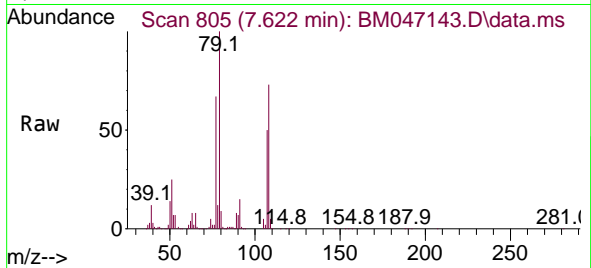


#15
 Benzyl Alcohol
 Concen: 21.667 ng
 RT: 7.622 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument : BNA_M
 Client Sample Id : SSTDICC020

Tgt Ion: 79 Resp: 314490

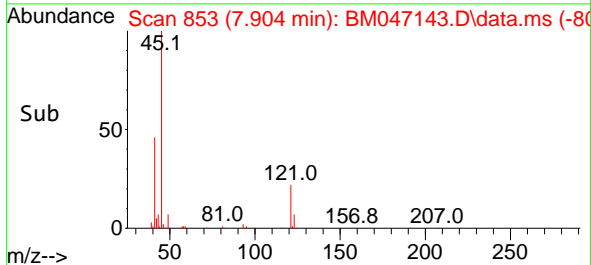
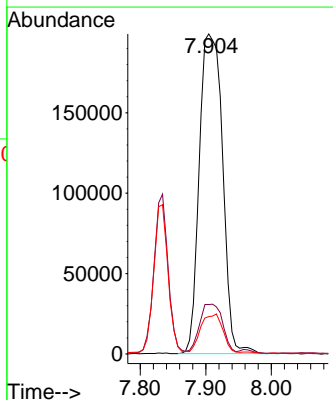
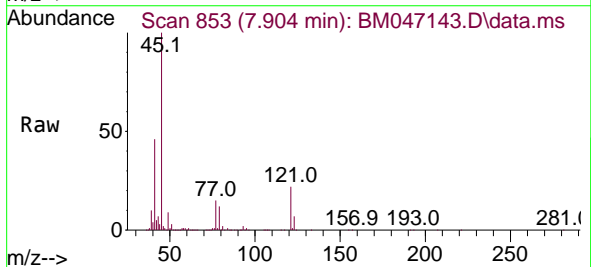
Ion	Ratio	Lower	Upper
79	100		
108	73.2	59.7	89.5
77	66.6	52.9	79.3

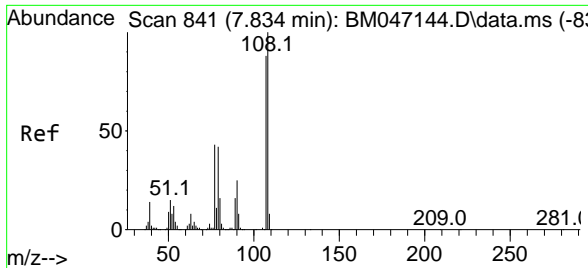


#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 21.956 ng
 RT: 7.904 min Scan# 853
 Delta R.T. -0.012 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion: 45 Resp: 491561

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	35.6
79	11.6	0.0	32.4

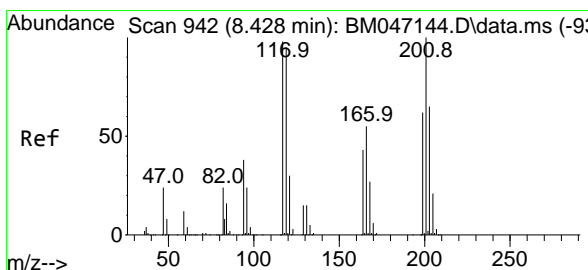
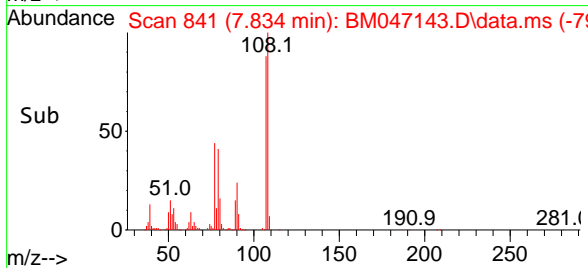
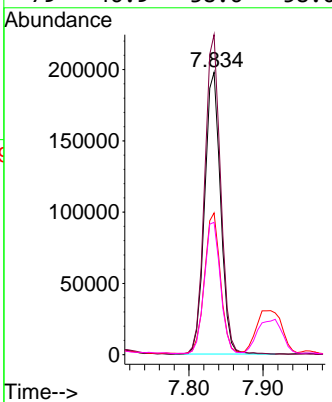
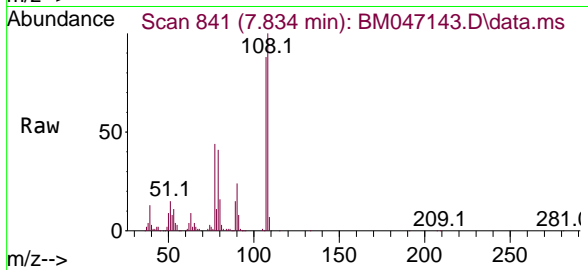




#17
2-Methylphenol
Concen: 21.718 ng
RT: 7.834 min Scan# 841
Delta R.T. 0.000 min
Lab File: BM047143.D
Acq: 10 Aug 2024 15:11

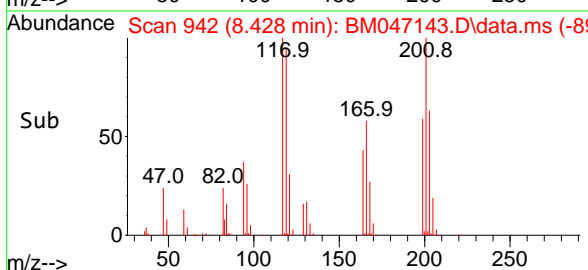
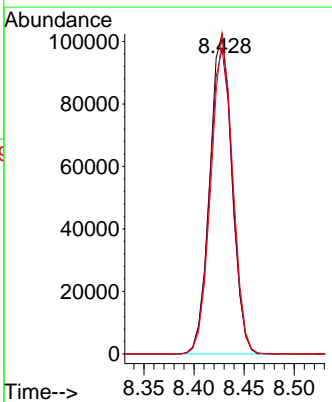
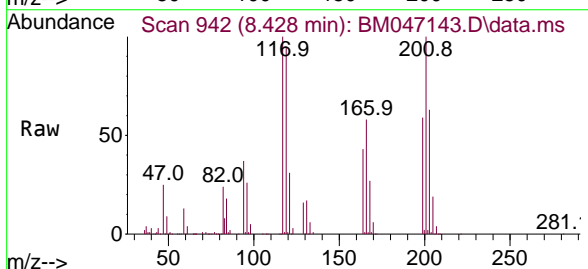
Instrument : BNA_M
ClientSampleId : SSTDICC020

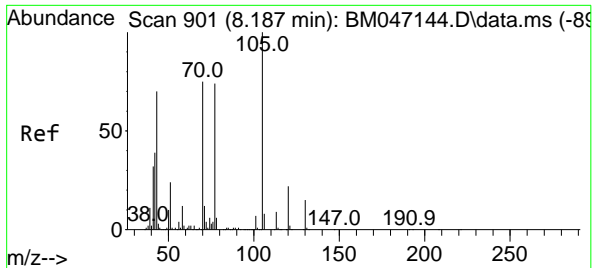
Tgt Ion	Resp	Lower	Upper
107	294855		
108	113.3	90.6	135.8
77	50.2	39.3	58.9
79	46.9	38.6	58.0



#18
Hexachloroethane
Concen: 21.091 ng
RT: 8.428 min Scan# 942
Delta R.T. 0.000 min
Lab File: BM047143.D
Acq: 10 Aug 2024 15:11

Tgt Ion	Resp	Lower	Upper
117	158678		
119	95.2	77.0	115.4
201	99.9	81.3	121.9



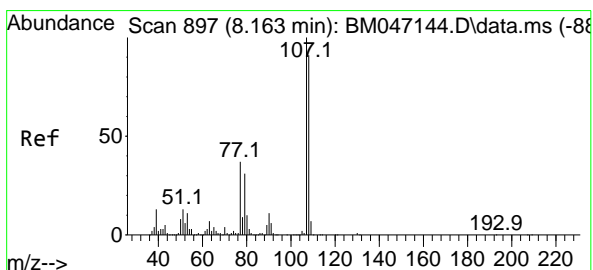
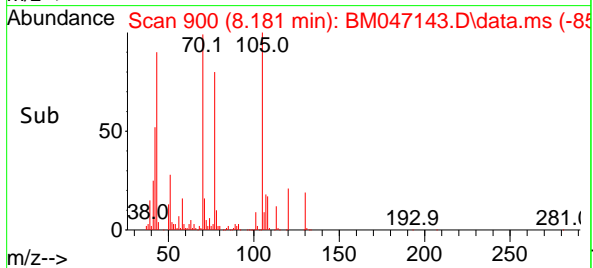
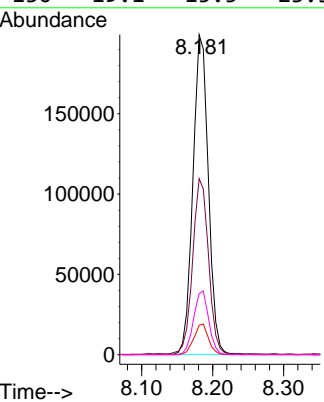
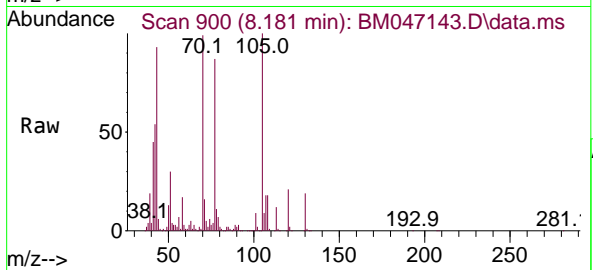


#19
 n-Nitroso-di-n-propylamine
 Concen: 21.907 ng
 RT: 8.181 min Scan# 900
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument : BNA_M
 ClientSampleId : SSTDICC020

Tgt Ion: 70 Resp: 300944

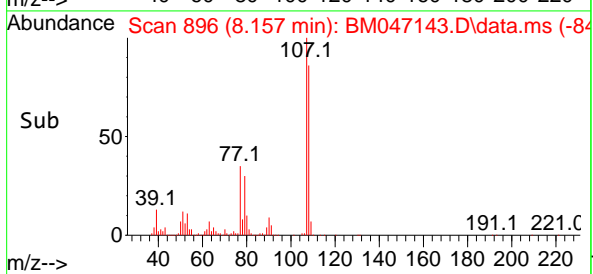
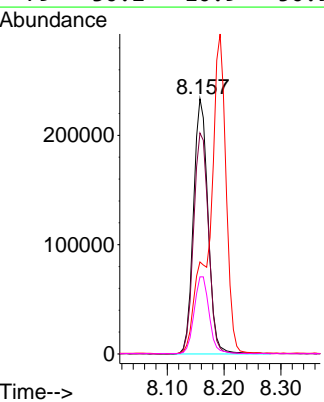
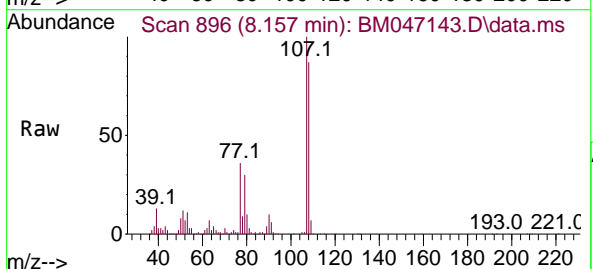
Ion	Ratio	Lower	Upper
70	100		
42	55.0	42.0	63.0
101	9.2	7.2	10.8
130	19.1	15.5	23.3

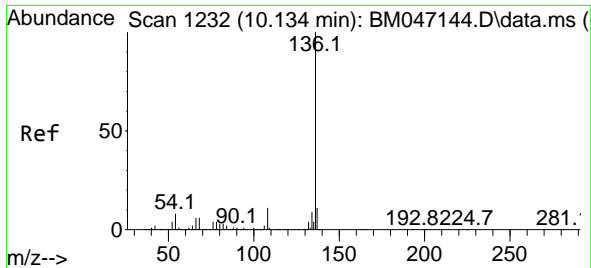


#20
 3+4-Methylphenols
 Concen: 21.871 ng
 RT: 8.157 min Scan# 896
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion: 107 Resp: 415106

Ion	Ratio	Lower	Upper
107	100		
108	86.6	70.7	110.7
77	36.1	17.4	57.4
79	30.2	10.9	50.9





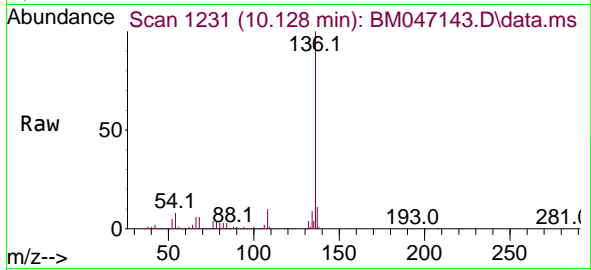
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.128 min Scan# 1115
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :

BNA_M

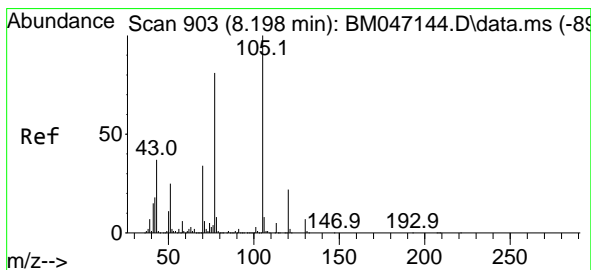
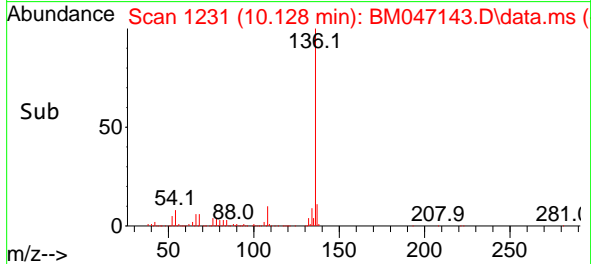
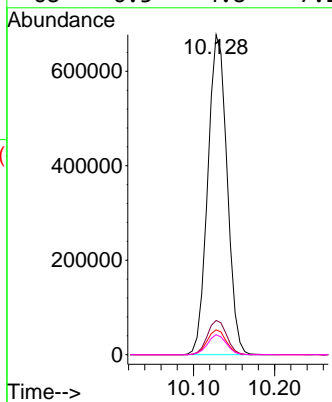
ClientSampleId :

SSTDICC020



Tgt Ion:136 Resp: 1115607

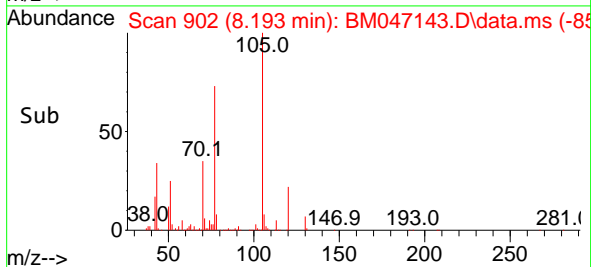
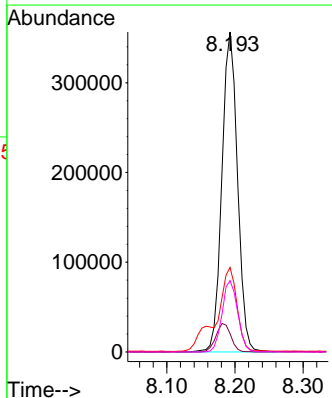
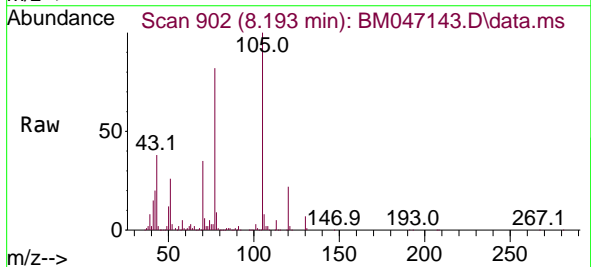
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.8	6.0	9.0
68	6.3	4.8	7.2

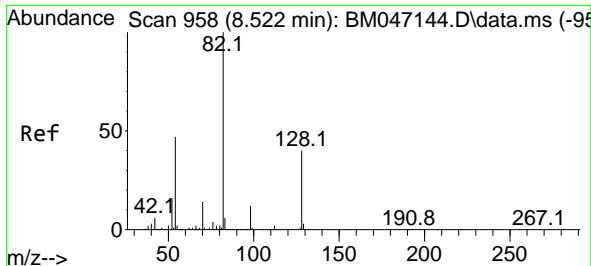


#22
 Acetophenone
 Concen: 21.130 ng
 RT: 8.193 min Scan# 902
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:105 Resp: 569010

Ion	Ratio	Lower	Upper
105	100		
71	5.8	4.5	6.7
51	26.4	20.1	30.1
120	22.3	17.8	26.6

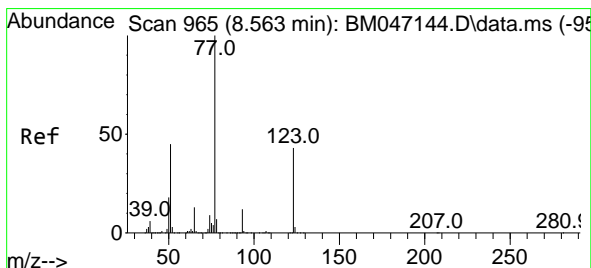
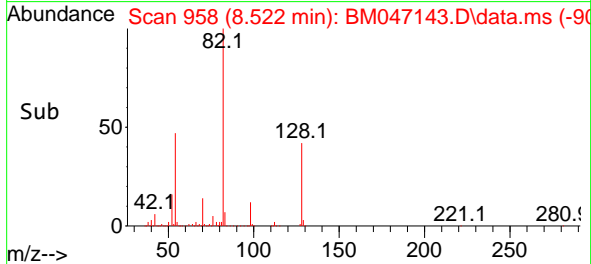
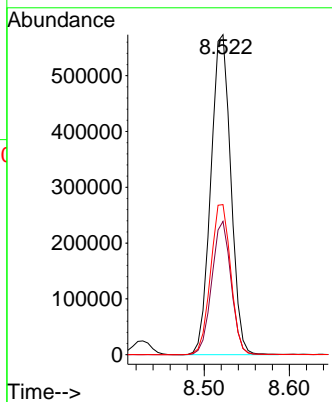
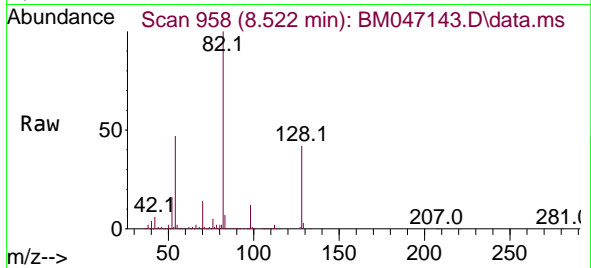




#23
 Nitrobenzene-d5
 Concen: 42.259 ng
 RT: 8.522 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

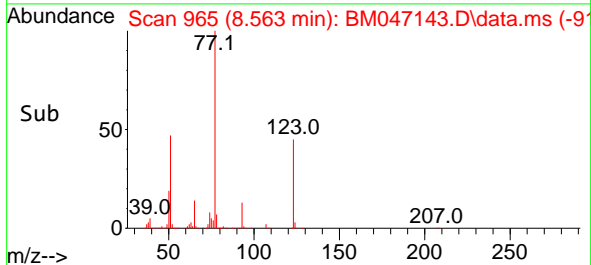
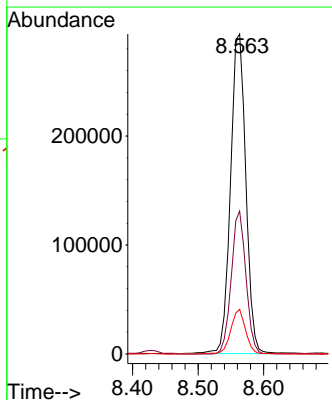
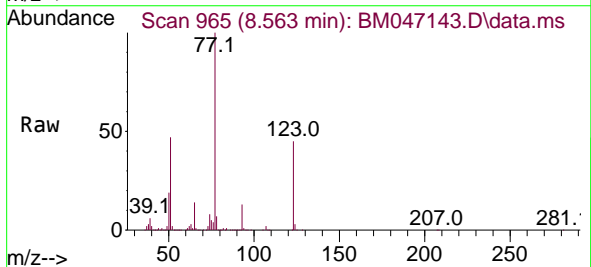
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

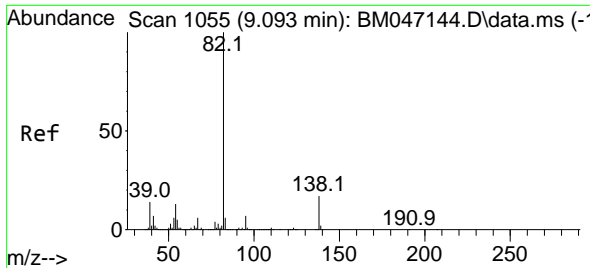
Tgt Ion	Resp	Lower	Upper
82	936280		
128	41.7	32.3	48.5
54	46.9	37.4	56.2



#24
 Nitrobenzene
 Concen: 21.382 ng
 RT: 8.563 min Scan# 965
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion	Resp	Lower	Upper
77	477014		
123	44.7	34.0	51.0
65	13.9	10.5	15.7



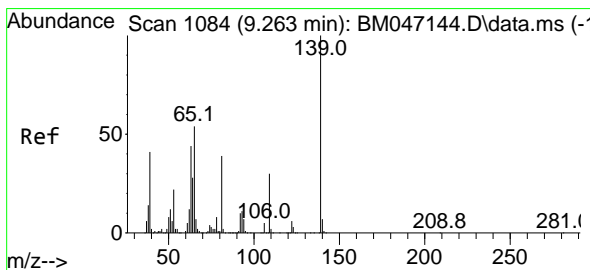
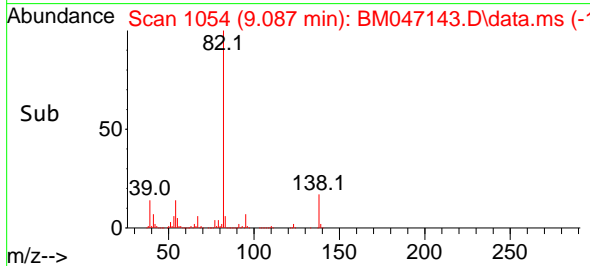
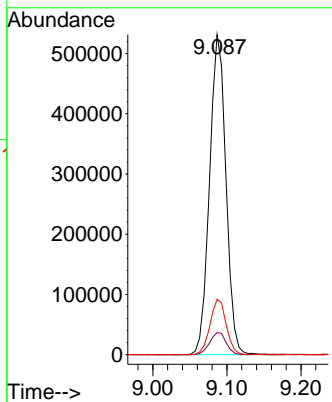
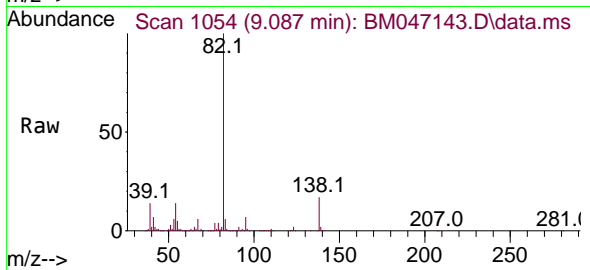


#25
 Isophorone
 Concen: 21.163 ng
 RT: 9.087 min Scan# 1054
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument : BNA_M
 ClientSampleId : SSTDICC020

Tgt Ion: 82 Resp: 816407

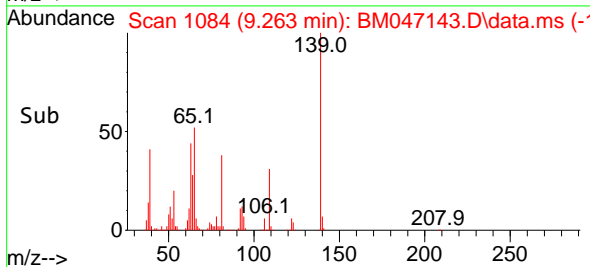
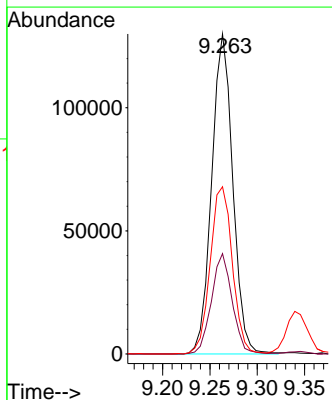
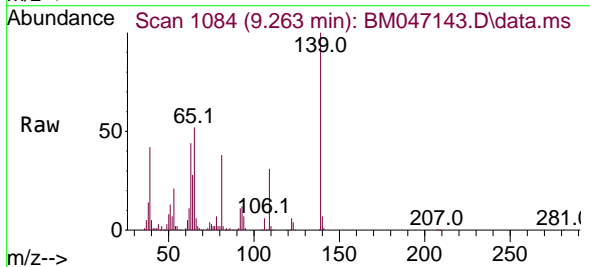
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	17.3	13.5	20.3

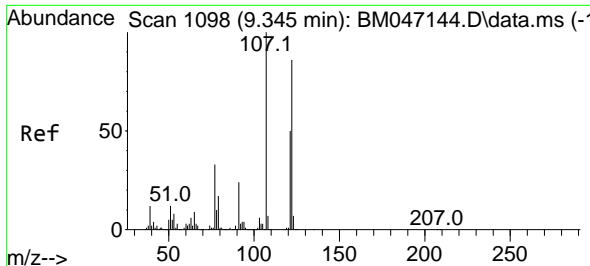


#26
 2-Nitrophenol
 Concen: 20.351 ng
 RT: 9.263 min Scan# 1084
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion: 139 Resp: 201069

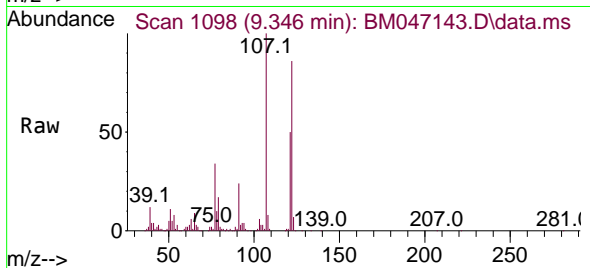
Ion	Ratio	Lower	Upper
139	100		
109	31.3	24.4	36.6
65	52.2	43.0	64.6





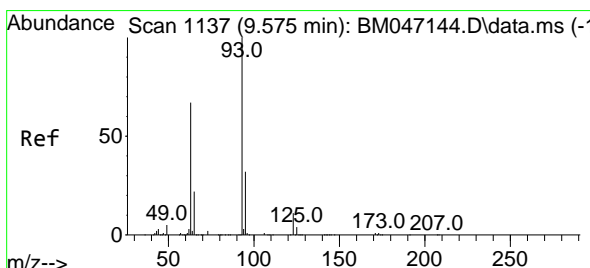
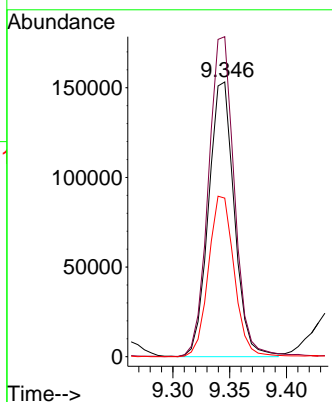
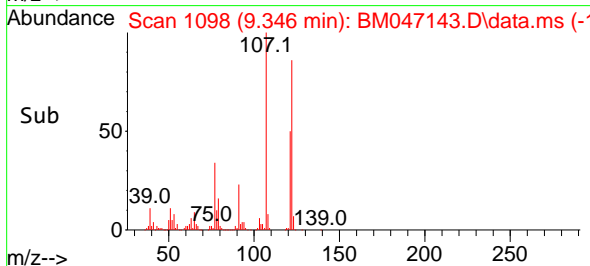
#27
 2,4-Dimethylphenol
 Concen: 20.924 ng
 RT: 9.346 min Scan# 1098
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument : BNA_M
 ClientSampleId : SSTDICC020

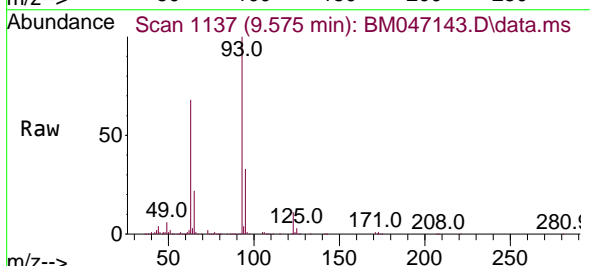


Tgt Ion:122 Resp: 242158

Ion	Ratio	Lower	Upper
122	100		
107	116.5	92.8	139.2
121	57.7	46.1	69.1

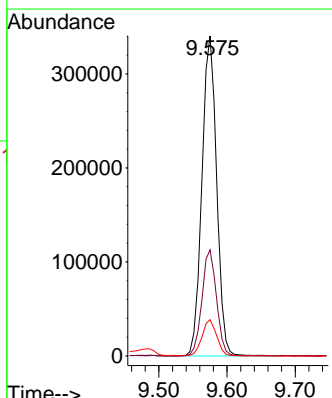
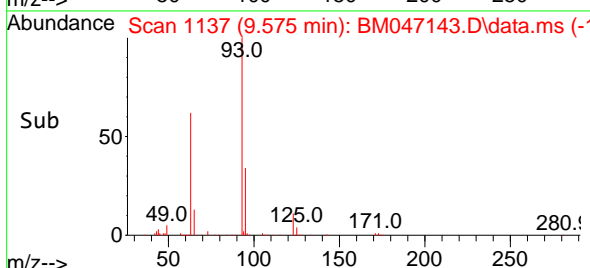


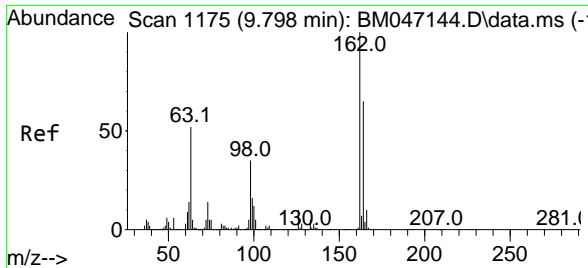
#28
 bis(2-Chloroethoxy)methane
 Concen: 21.069 ng
 RT: 9.575 min Scan# 1137
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11



Tgt Ion: 93 Resp: 511416

Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.8	38.8
123	11.3	9.0	13.4





#29
 2,4-Dichlorophenol
 Concen: 20.667 ng
 RT: 9.793 min Scan# 1174
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

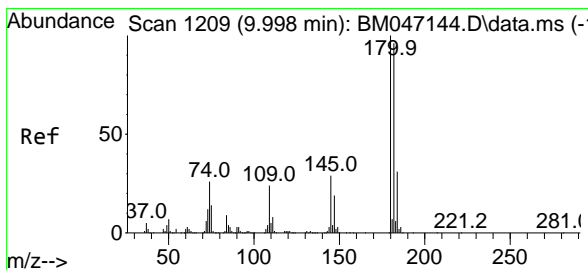
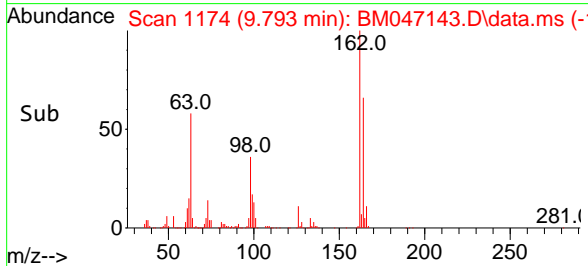
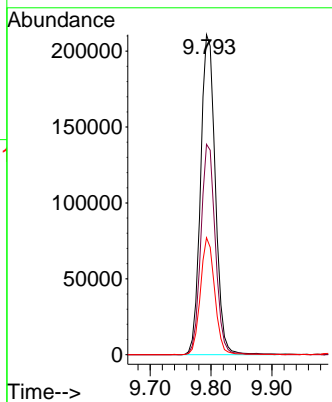
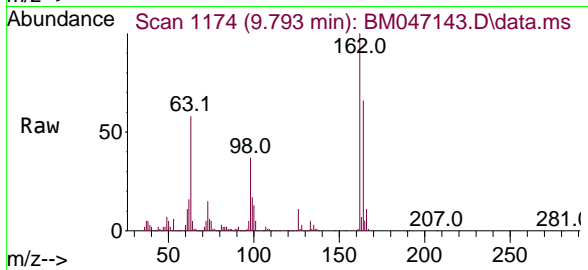
Instrument :

BNA_M

ClientSampleId :

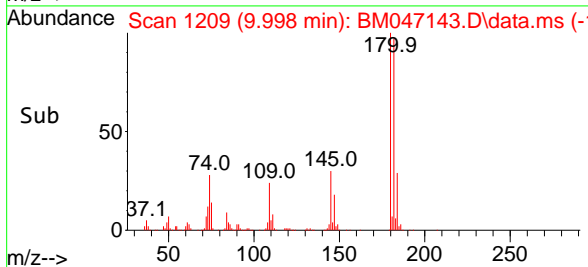
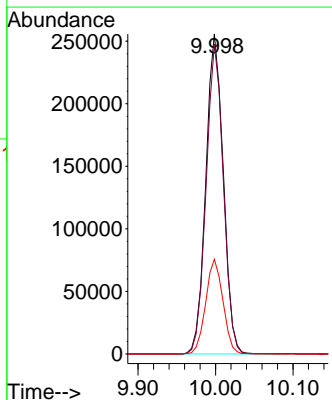
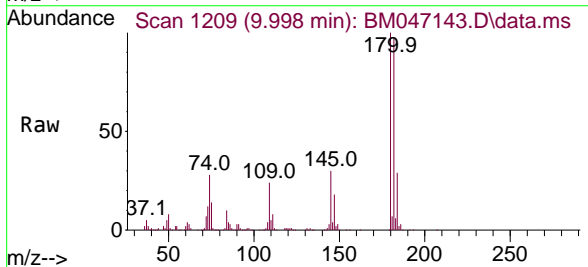
SSTDICC020

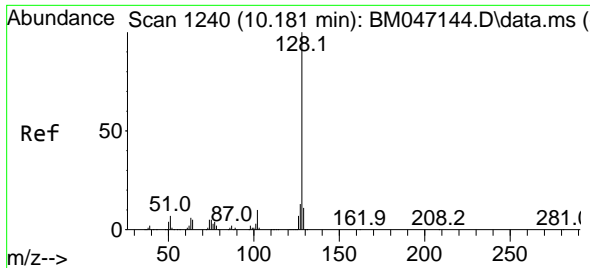
Tgt Ion:162 Resp: 354907
 Ion Ratio Lower Upper
 162 100
 164 65.7 44.7 84.7
 98 36.5 14.9 54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 20.598 ng
 RT: 9.998 min Scan# 1209
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:180 Resp: 400292
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.6 115.0
 145 29.6 23.4 35.2





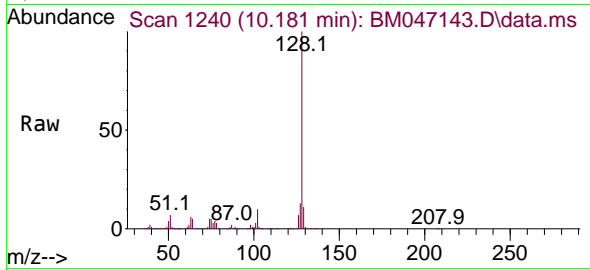
#31
 Naphthalene
 Concen: 20.911 ng
 RT: 10.181 min Scan# 1122
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :

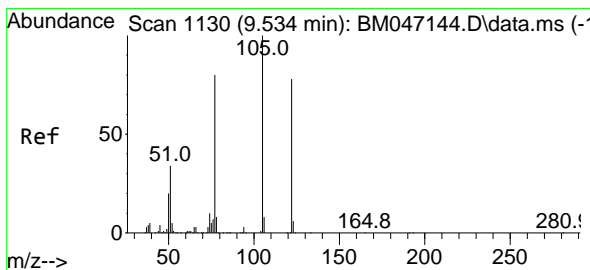
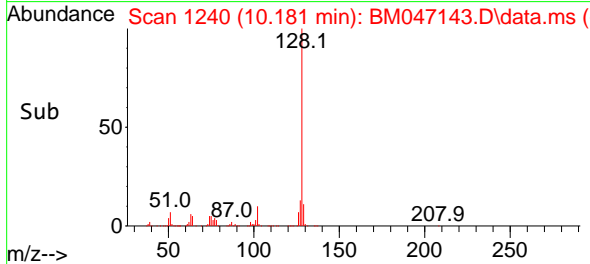
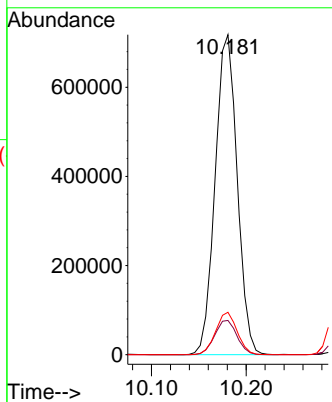
BNA_M

ClientSampleId :

SSTDICC020

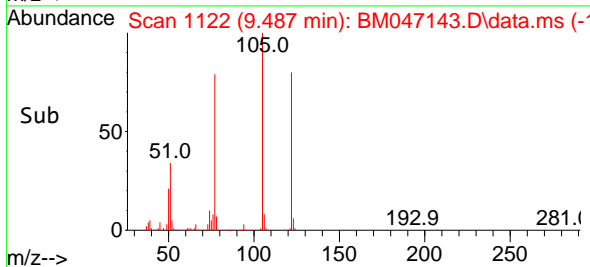
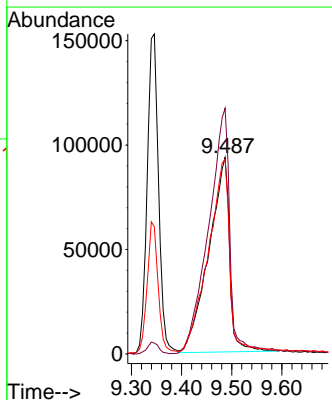
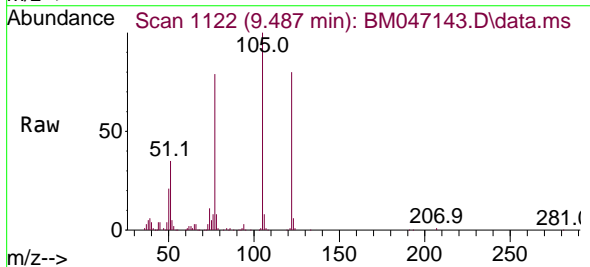


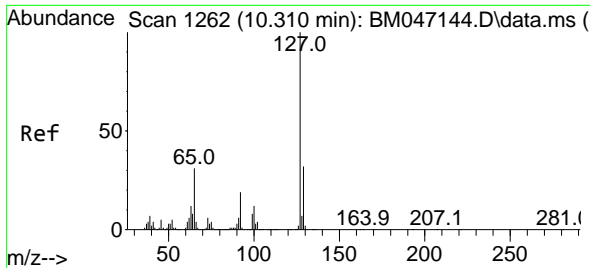
Tgt Ion:128 Resp: 1162115
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.6 13.0
 127 13.3 10.2 15.4



#32
 Benzoic acid
 Concen: 19.806 ng
 RT: 9.487 min Scan# 1122
 Delta R.T. -0.047 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:122 Resp: 267804
 Ion Ratio Lower Upper
 122 100
 105 125.1 107.1 147.1
 77 99.1 82.1 122.1



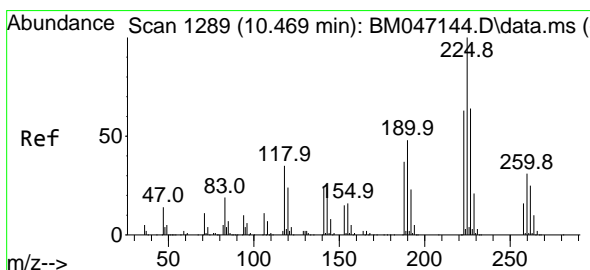
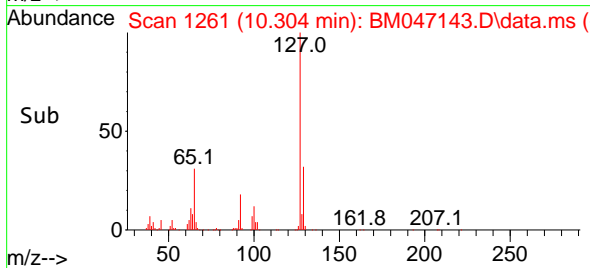
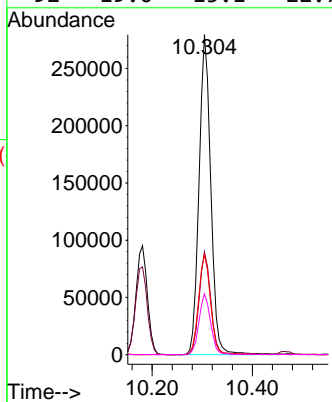
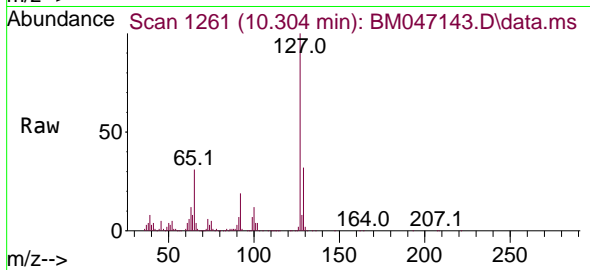


#33
 4-Chloroaniline
 Concen: 21.333 ng
 RT: 10.304 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tgt Ion:127 Resp: 455929

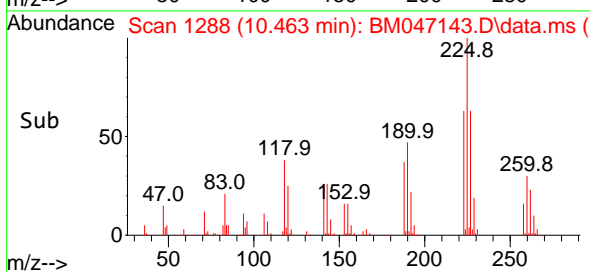
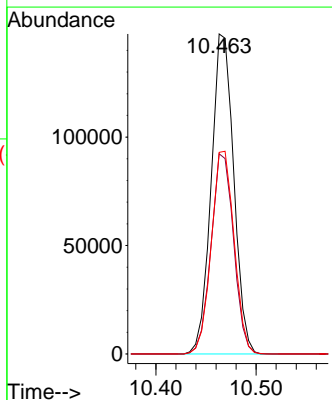
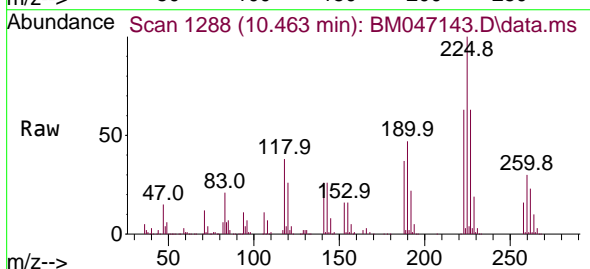
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.8
65	31.1	24.9	37.3
92	19.0	15.1	22.7

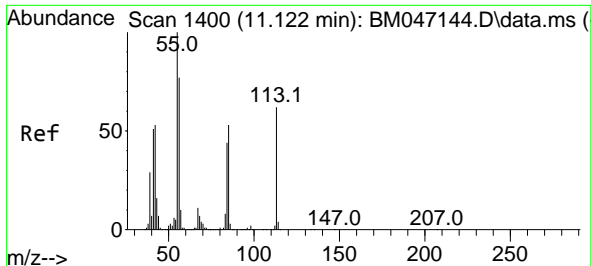


#34
 Hexachlorobutadiene
 Concen: 20.262 ng
 RT: 10.463 min Scan# 1288
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:225 Resp: 230475

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	63.0	51.4	77.0



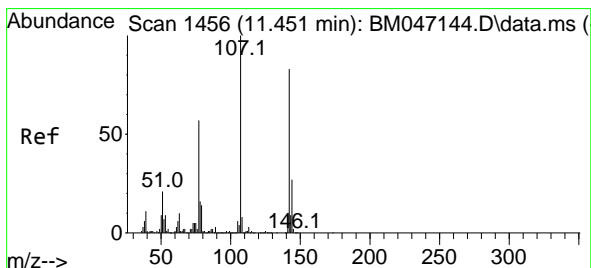
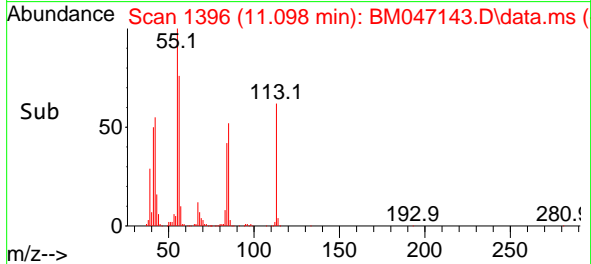
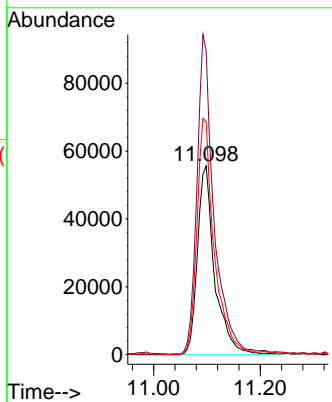
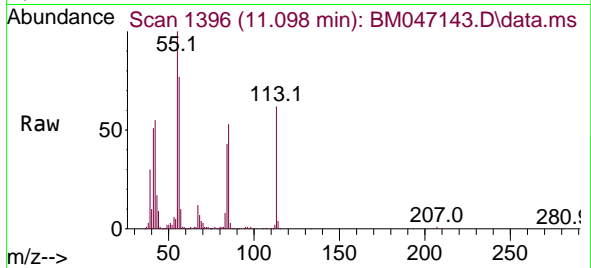


#35
 Caprolactam
 Concen: 20.923 ng
 RT: 11.098 min Scan# 111
 Delta R.T. -0.023 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tgt Ion:113 Resp: 124776

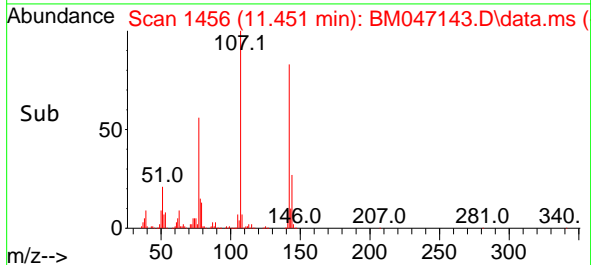
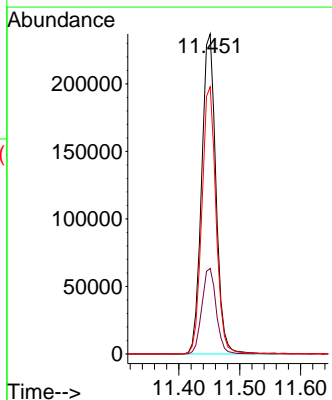
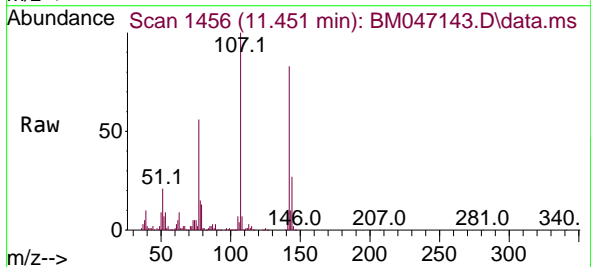
Ion	Ratio	Lower	Upper
113	100		
55	160.8	140.5	180.5
56	123.3	103.6	143.6

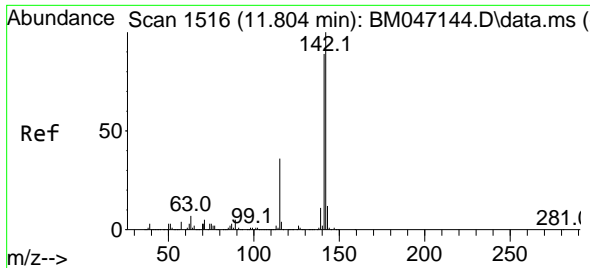


#36
 4-Chloro-3-methylphenol
 Concen: 21.148 ng
 RT: 11.451 min Scan# 1456
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:107 Resp: 386762

Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.8	32.6
142	83.5	66.8	100.2



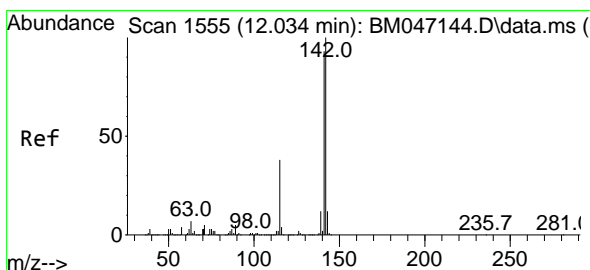
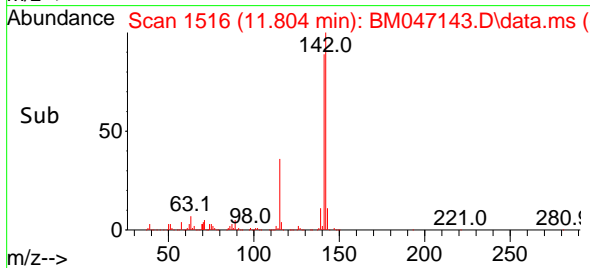
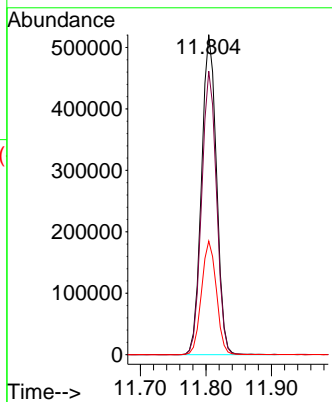
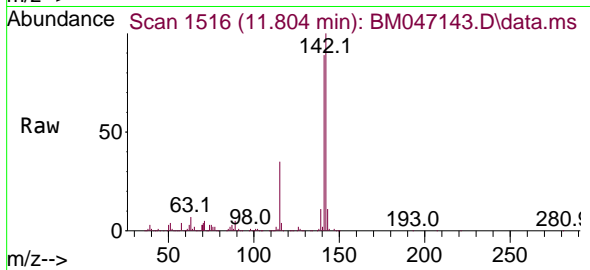


#37
 2-Methylnaphthalene
 Concen: 20.927 ng
 RT: 11.804 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument : BNA_M
 ClientSampleId : SSTDICC020

Tgt Ion:142 Resp: 828088

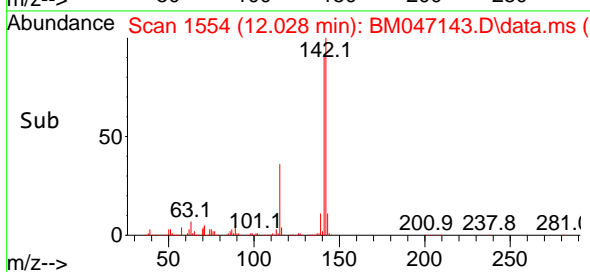
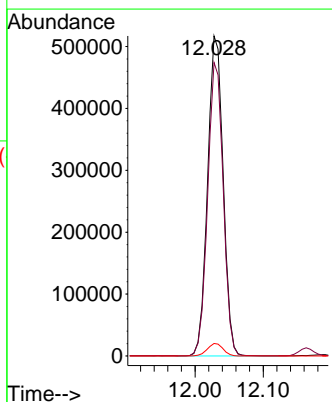
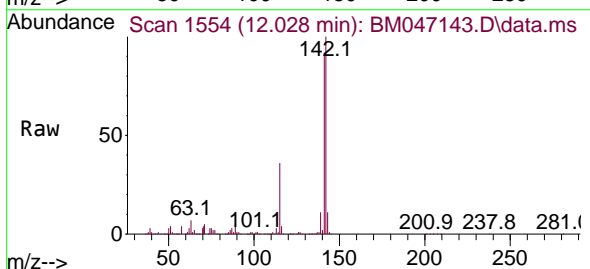
Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3
115	35.5	28.7	43.1

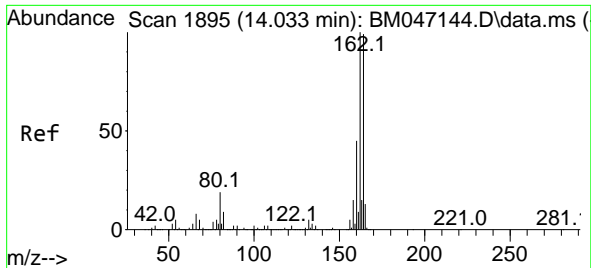


#38
 1-Methylnaphthalene
 Concen: 20.963 ng
 RT: 12.028 min Scan# 1554
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:142 Resp: 819798

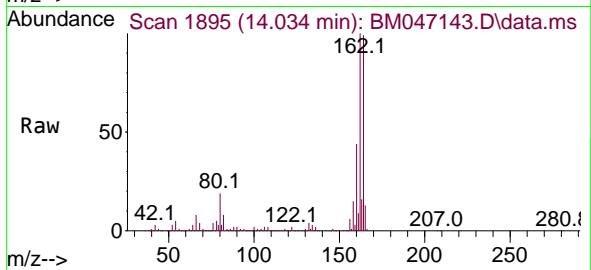
Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.6	111.8
116	3.9	3.1	4.7





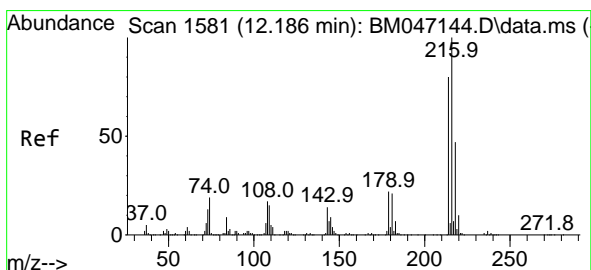
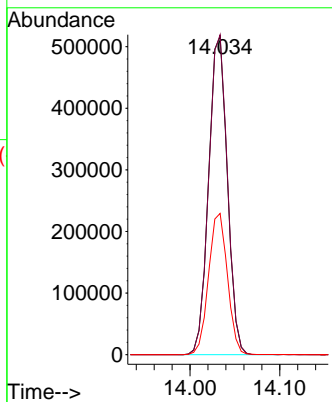
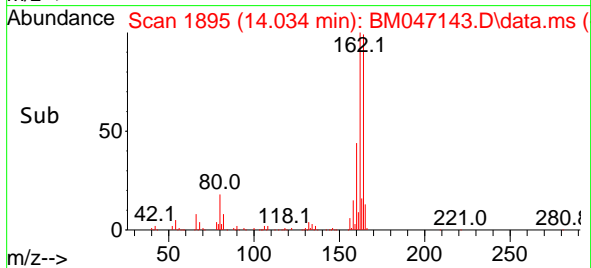
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.034 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

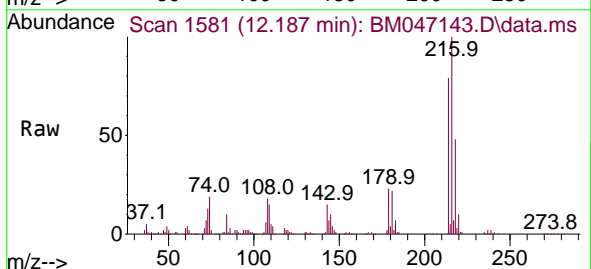


Tgt Ion:164 Resp: 747989

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.7	121.1
160	44.4	36.0	54.0

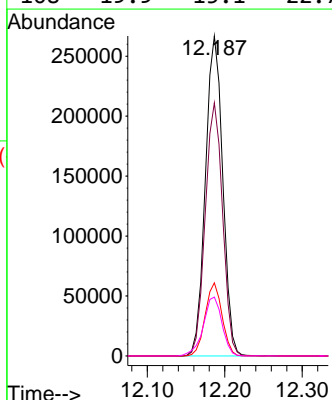
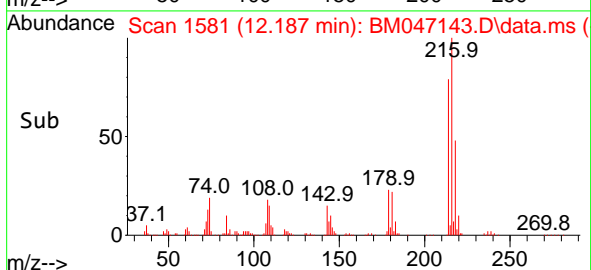


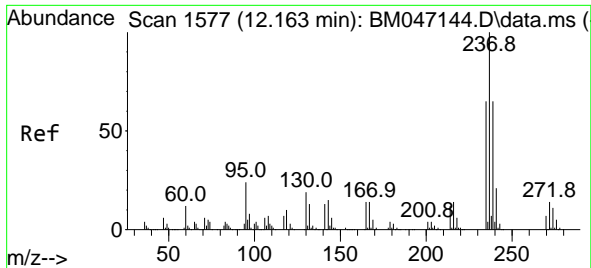
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.313 ng
 RT: 12.187 min Scan# 1581
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11



Tgt Ion:216 Resp: 414428

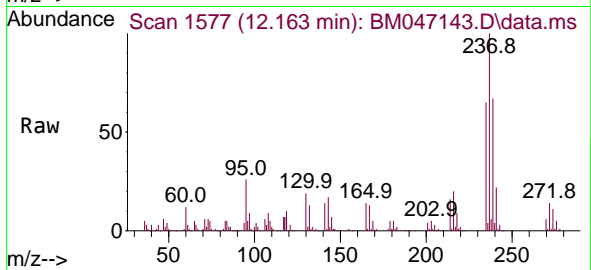
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	22.2	17.6	26.4
108	19.9	15.1	22.7





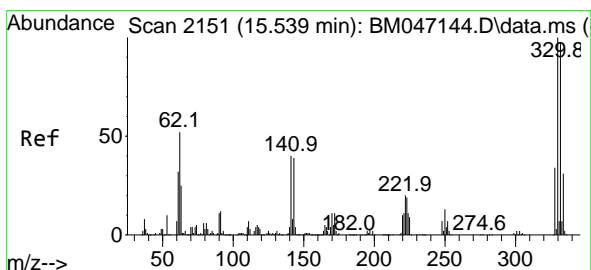
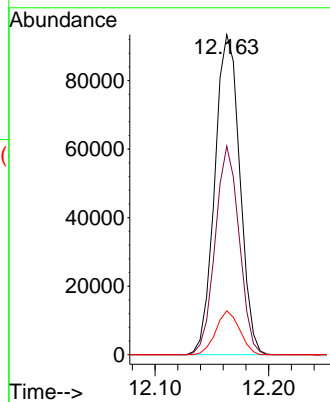
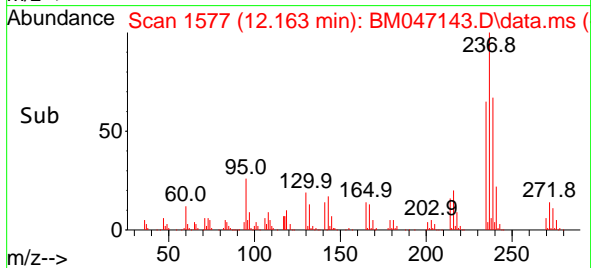
#41
 Hexachlorocyclopentadiene
 Concen: 20.066 ng
 RT: 12.163 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

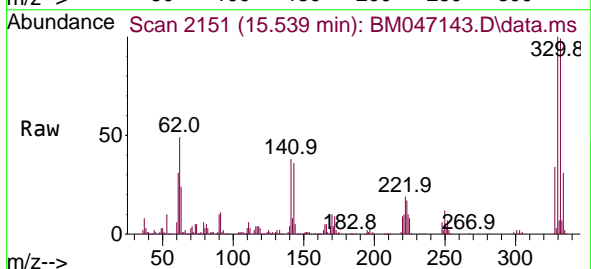


Tgt Ion:237 Resp: 142951

Ion	Ratio	Lower	Upper
237	100		
235	65.1	44.8	84.8
272	13.7	0.0	33.5

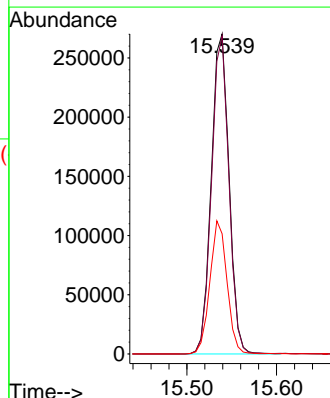
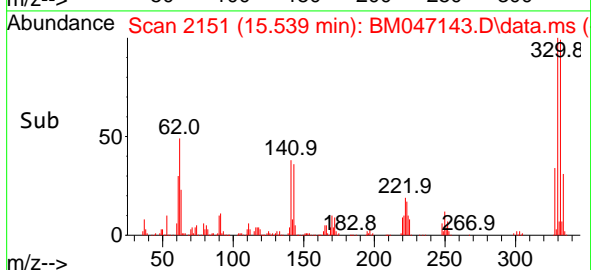


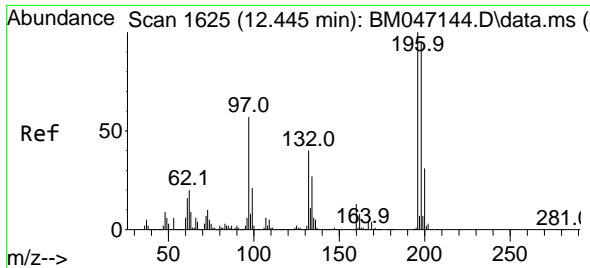
#42
 2,4,6-Tribromophenol
 Concen: 42.851 ng
 RT: 15.539 min Scan# 2151
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11



Tgt Ion:330 Resp: 371649

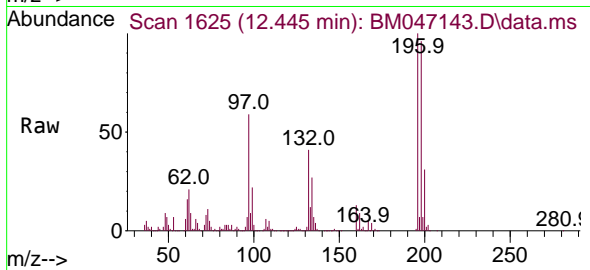
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	40.3	31.6	47.4



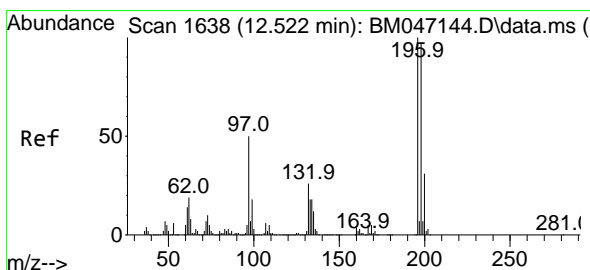
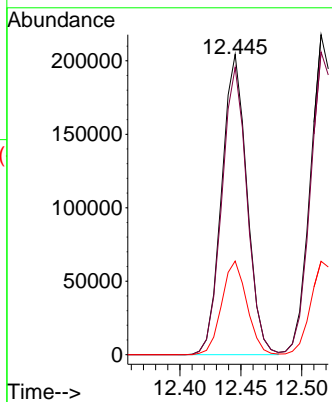
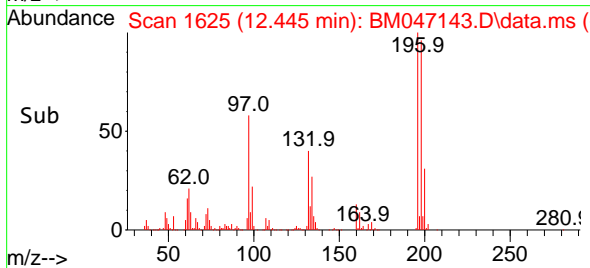


#43
 2,4,6-Trichlorophenol
 Concen: 20.309 ng
 RT: 12.445 min Scan# 1625
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

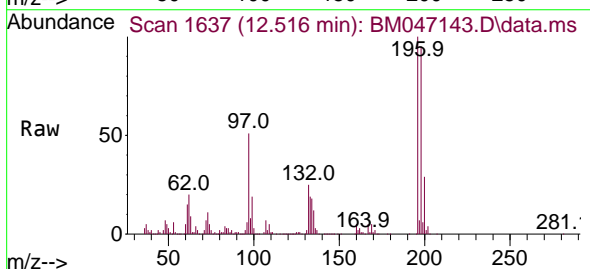
Instrument : BNA_M
 ClientSampleId : SSTDICC020



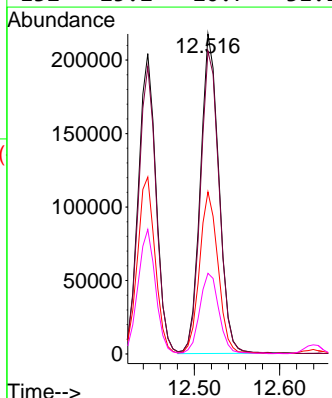
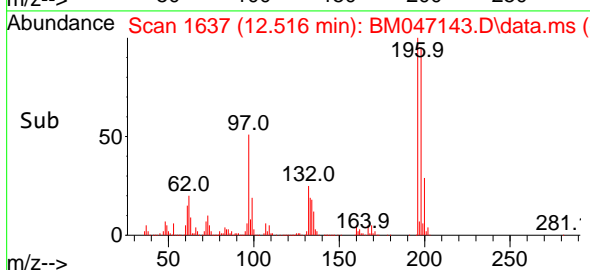
Tgt Ion:196 Resp: 294494
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.6 113.4
 200 31.2 24.6 37.0

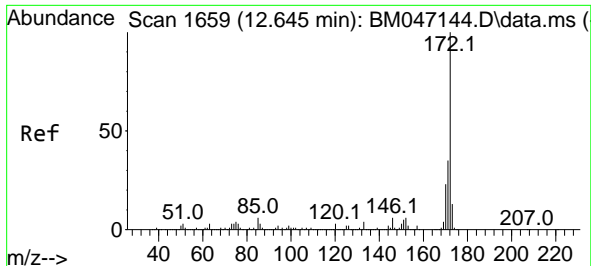


#44
 2,4,5-Trichlorophenol
 Concen: 20.371 ng
 RT: 12.516 min Scan# 1637
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11



Tgt Ion:196 Resp: 327981
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.7 116.5
 97 50.6 39.8 59.8
 132 25.2 20.7 31.1



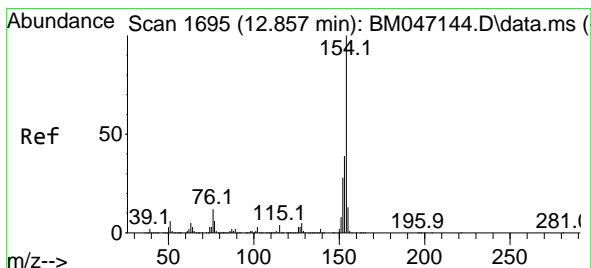
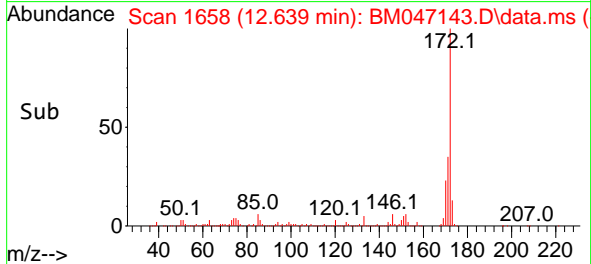
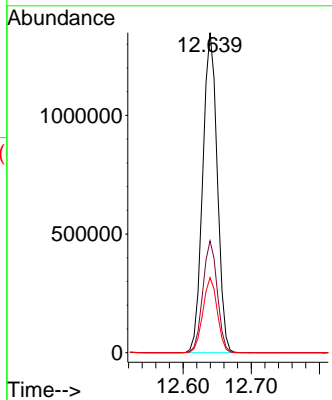
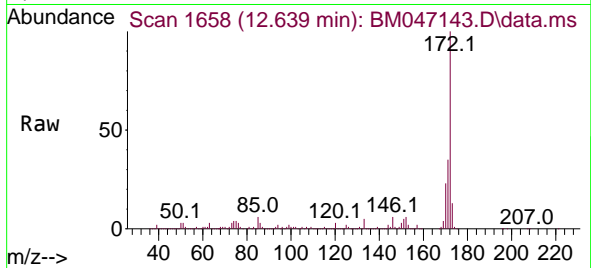


#45
 2-Fluorobiphenyl
 Concen: 41.204 ng
 RT: 12.639 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tgt Ion:172 Resp: 1998004

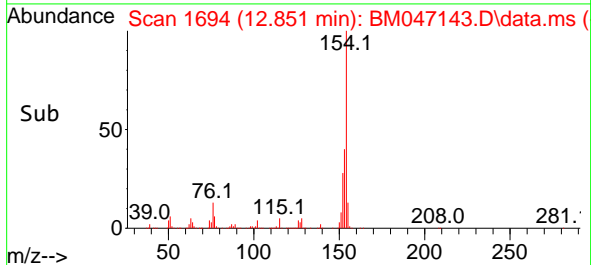
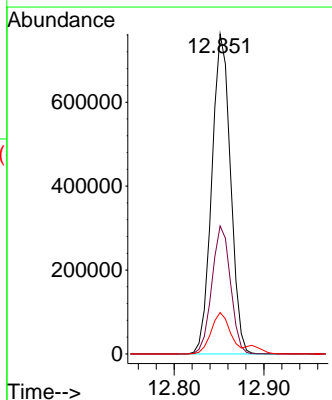
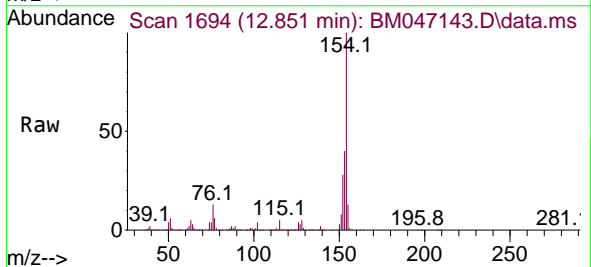
Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.4	18.7	28.1

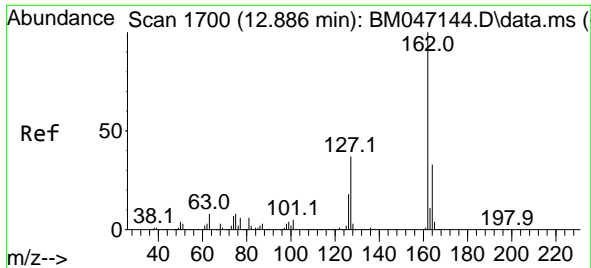


#46
 1,1'-Biphenyl
 Concen: 20.776 ng
 RT: 12.851 min Scan# 1694
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:154 Resp: 1106359

Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.0	59.0
76	13.0	0.0	31.9



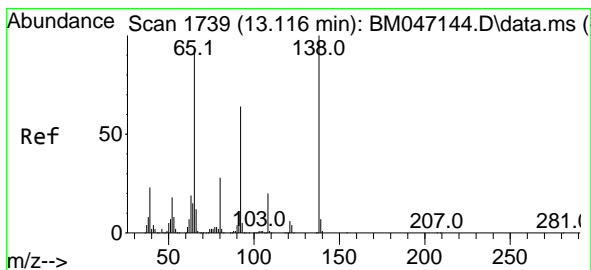
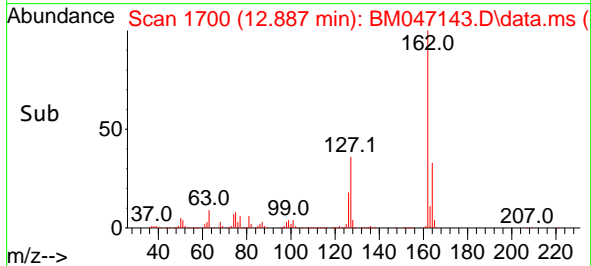
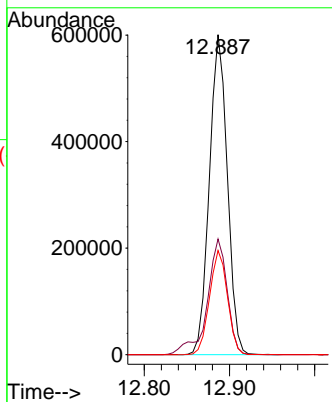
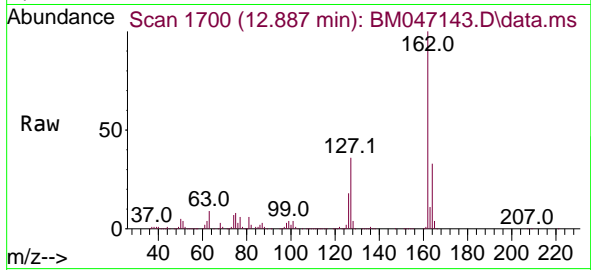


#47
 2-Chloronaphthalene
 Concen: 21.142 ng
 RT: 12.887 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tgt Ion:162 Resp: 879955

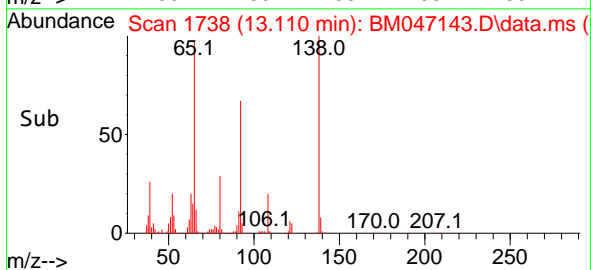
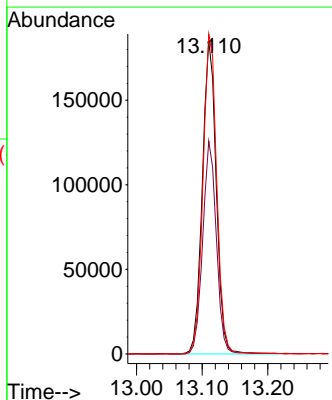
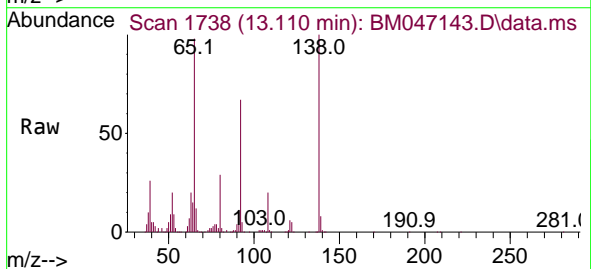
Ion	Ratio	Lower	Upper
162	100		
127	36.1	30.0	45.0
164	32.6	26.3	39.5

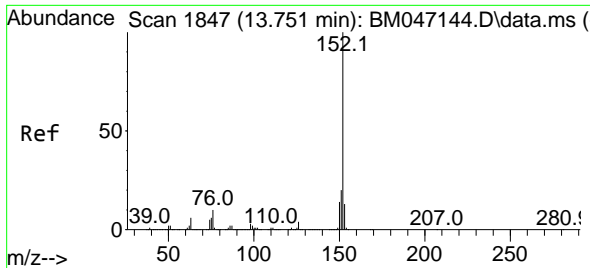


#48
 2-Nitroaniline
 Concen: 21.044 ng
 RT: 13.110 min Scan# 1738
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion: 65 Resp: 274398

Ion	Ratio	Lower	Upper
65	100		
92	68.0	55.1	82.7
138	102.1	85.9	128.9





#49
 Acenaphthylene
 Concen: 21.117 ng
 RT: 13.745 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :

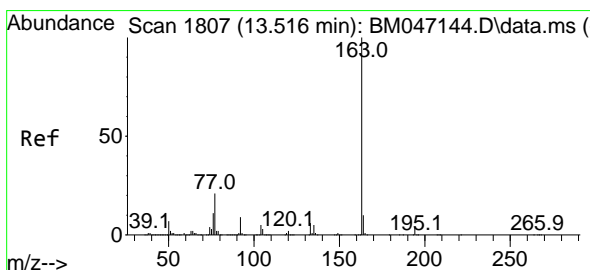
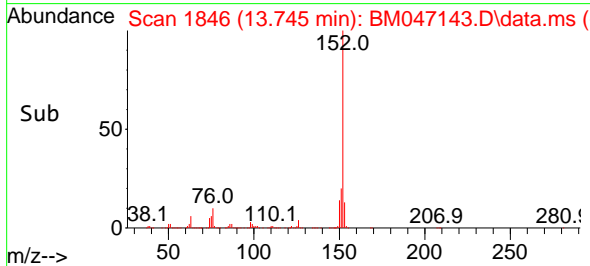
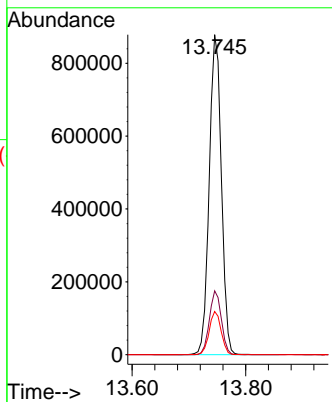
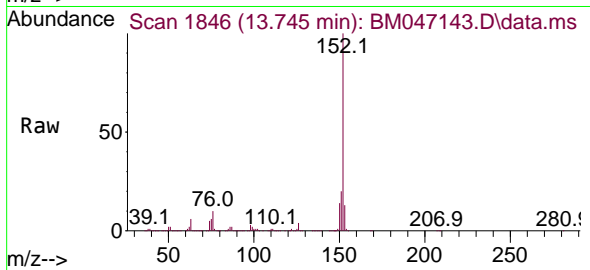
BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 1295508

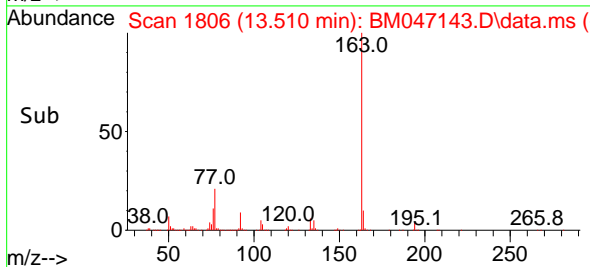
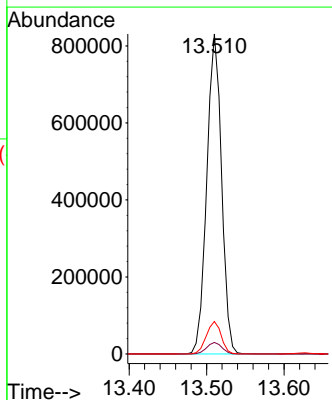
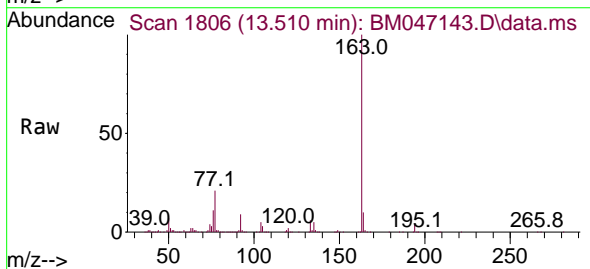
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.5	10.4	15.6

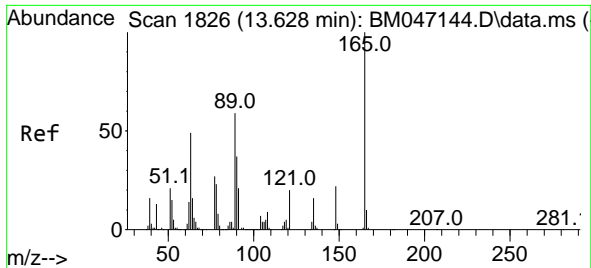


#50
 Dimethylphthalate
 Concen: 21.023 ng
 RT: 13.510 min Scan# 1806
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:163 Resp: 1098249

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.2	8.0	12.0



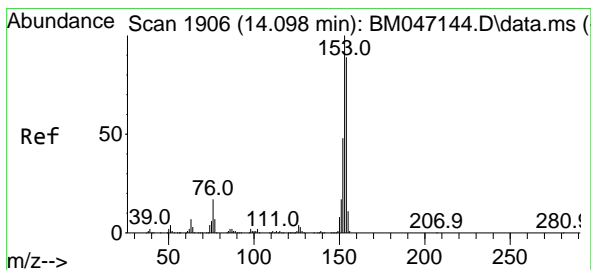
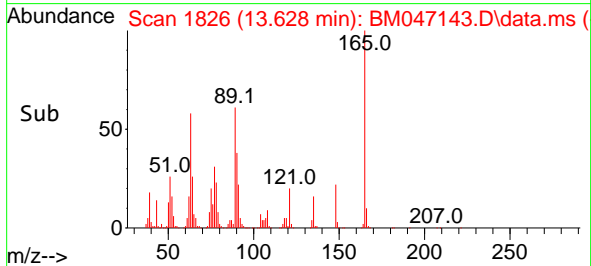
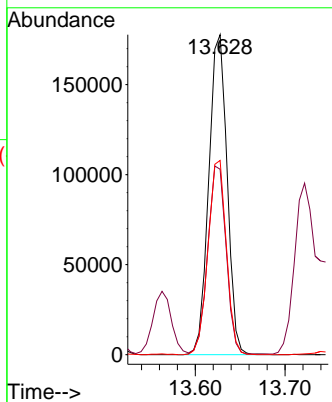
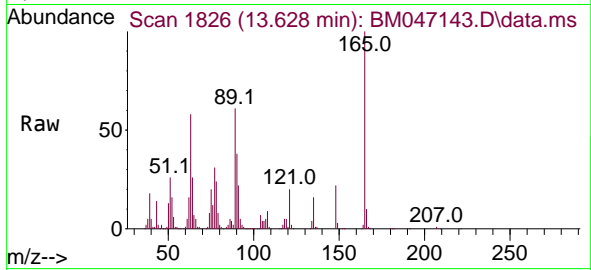


#51
 2,6-Dinitrotoluene
 Concen: 20.662 ng
 RT: 13.628 min Scan# 1826
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument : BNA_M
 ClientSampleId : SSTDICC020

Tgt Ion:165 Resp: 252319

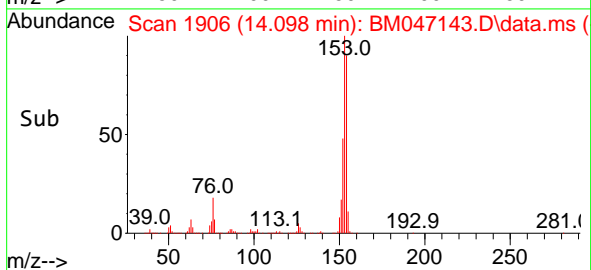
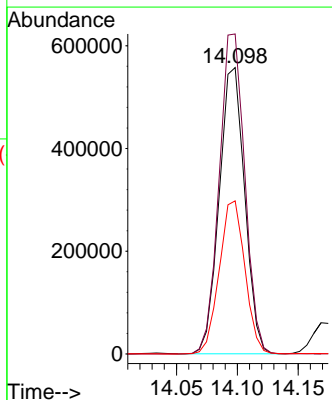
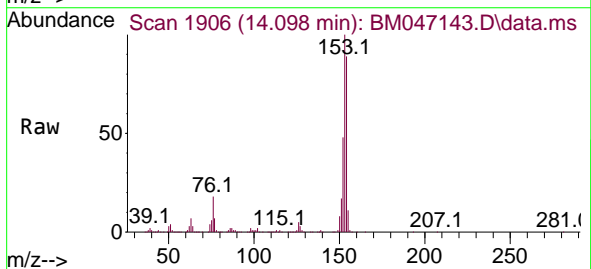
Ion	Ratio	Lower	Upper
165	100		
63	57.9	46.5	69.7
89	60.7	47.3	70.9

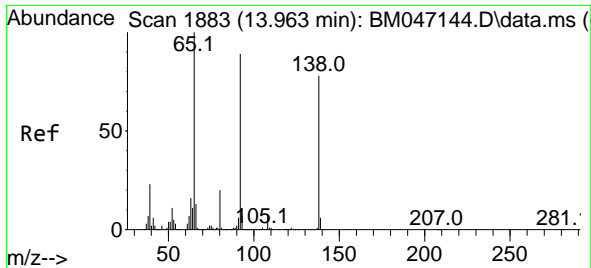


#52
 Acenaphthene
 Concen: 20.882 ng
 RT: 14.098 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:154 Resp: 812631

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.3	135.5
152	53.5	42.9	64.3



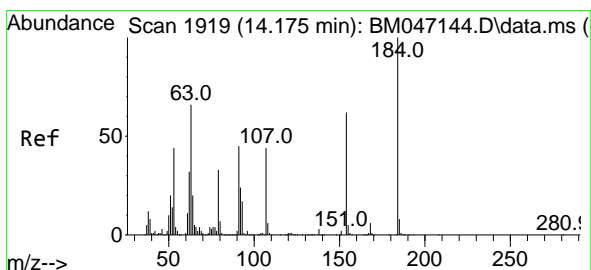
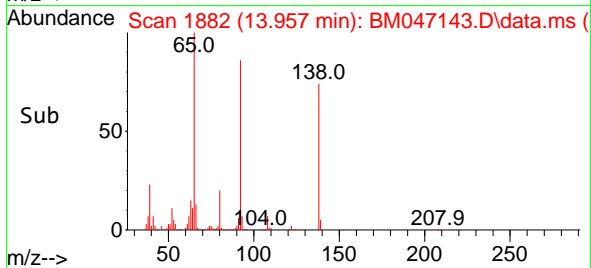
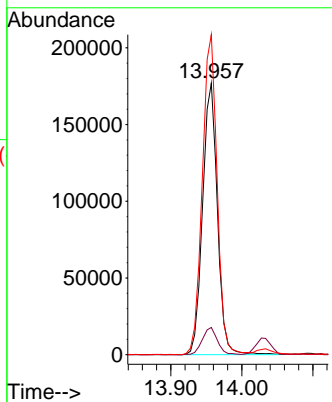
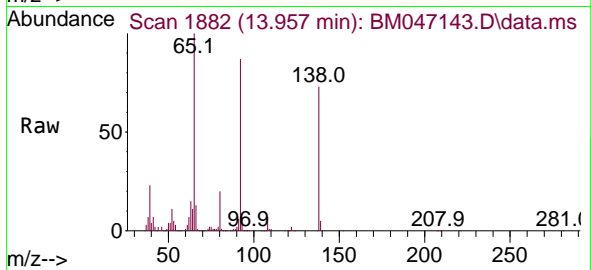


#53
 3-Nitroaniline
 Concen: 21.012 ng
 RT: 13.957 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument : BNA_M
 ClientSampleId : SSTDICC020

Tgt Ion:138 Resp: 257120

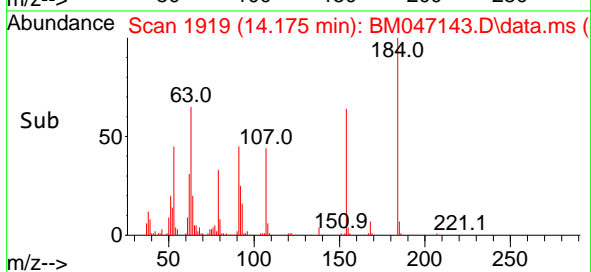
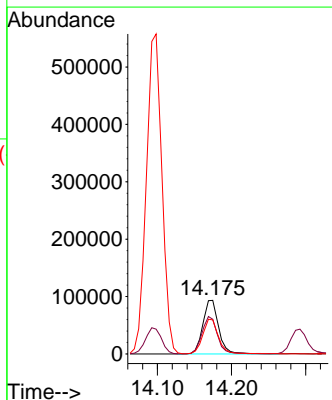
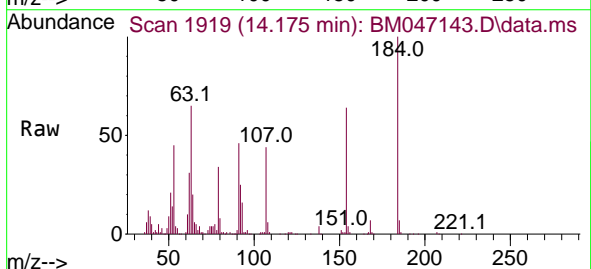
Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.9	11.9
92	117.8	92.0	138.0

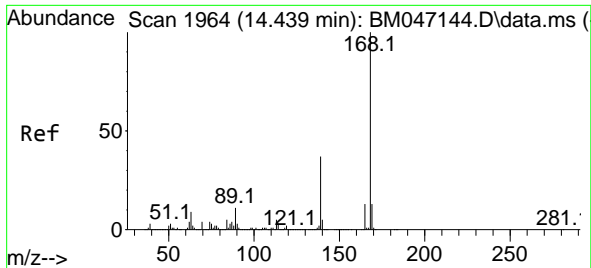


#54
 2,4-Dinitrophenol
 Concen: 18.886 ng
 RT: 14.175 min Scan# 1919
 Delta R.T. -0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:184 Resp: 138230

Ion	Ratio	Lower	Upper
184	100		
63	64.9	52.7	79.1
154	63.5	50.4	75.6



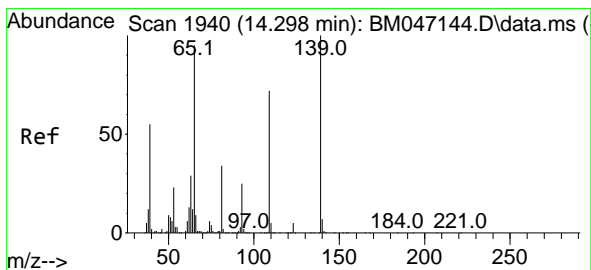
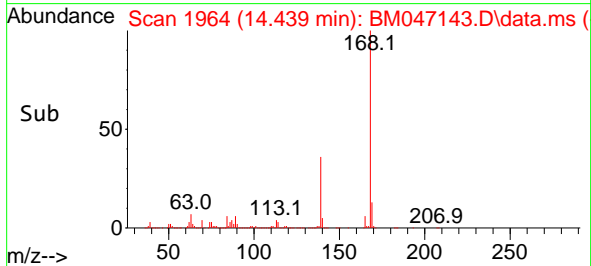
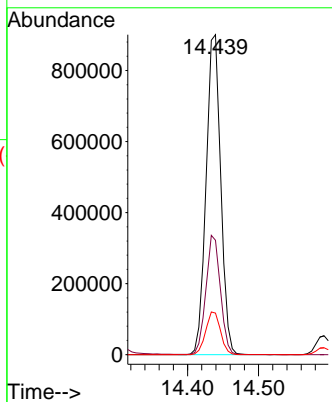
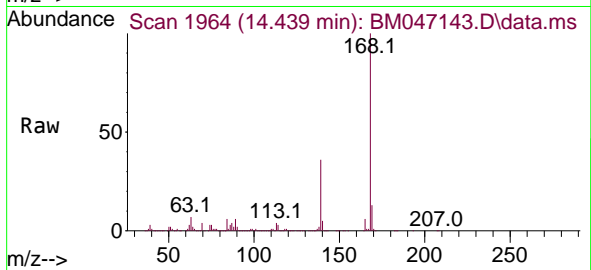


#55
 Dibenzofuran
 Concen: 21.028 ng
 RT: 14.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument : BNA_M
 ClientSampleId : BM047143.D
 SSTDICC020

Tgt Ion:168 Resp: 1292618

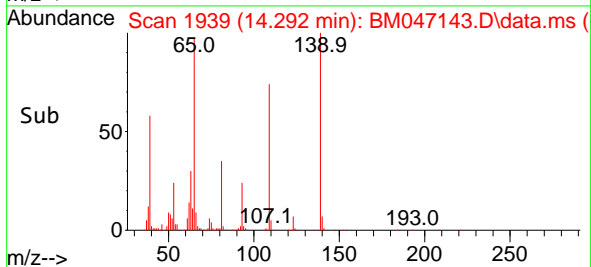
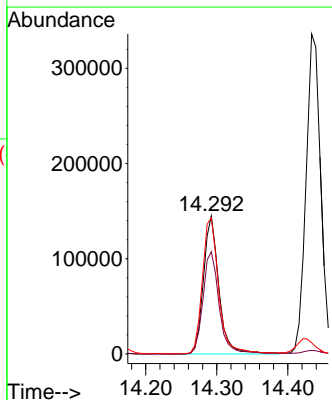
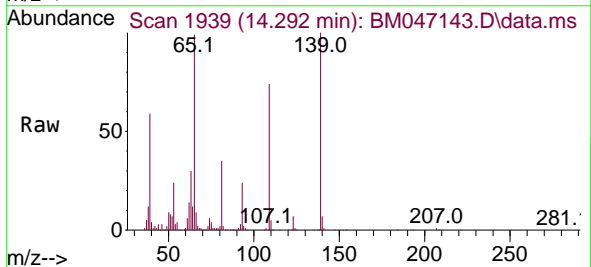
Ion	Ratio	Lower	Upper
168	100		
139	35.8	29.6	44.4
169	13.0	10.7	16.1

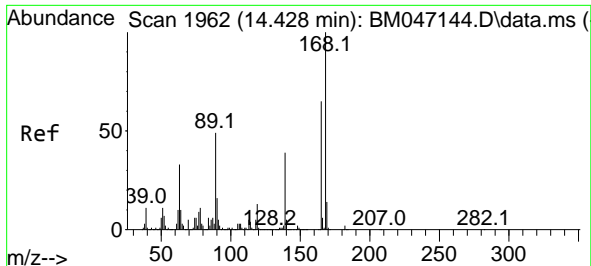


#56
 4-Nitrophenol
 Concen: 20.755 ng
 RT: 14.292 min Scan# 1939
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:139 Resp: 219007

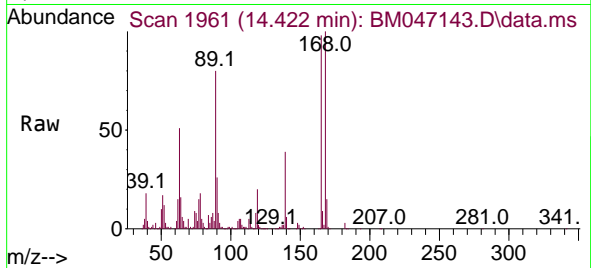
Ion	Ratio	Lower	Upper
139	100		
109	74.0	52.5	92.5
65	98.5	75.4	115.4





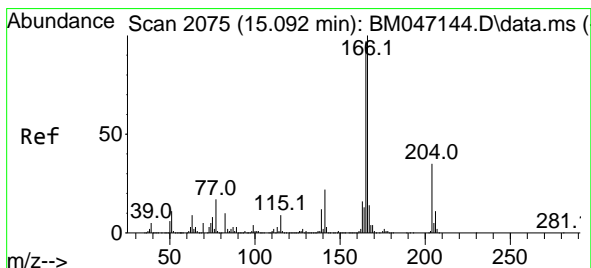
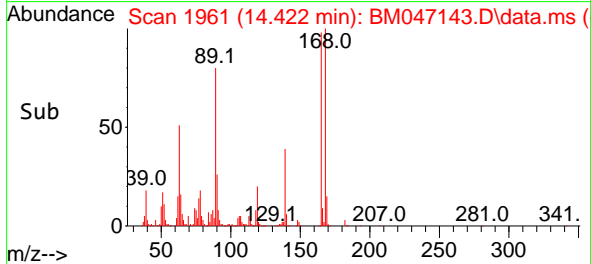
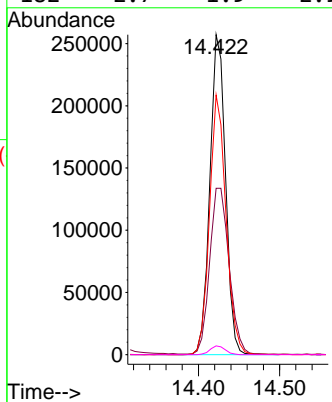
#57
 2,4-Dinitrotoluene
 Concen: 21.094 ng
 RT: 14.422 min Scan# 1961
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument : BNA_M
 ClientSampleId : SSTDICC020



Tgt Ion:165 Resp: 343833

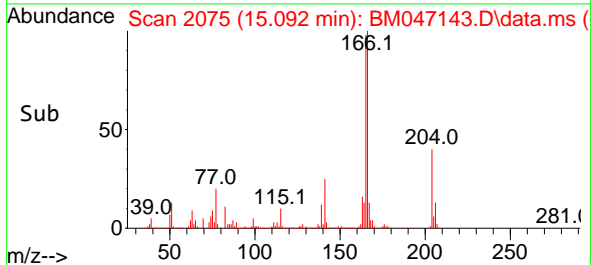
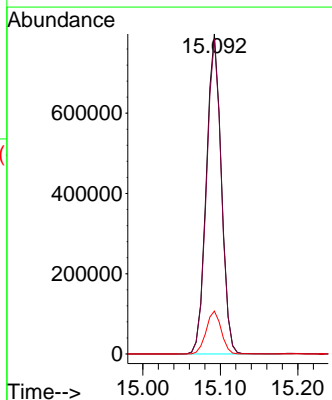
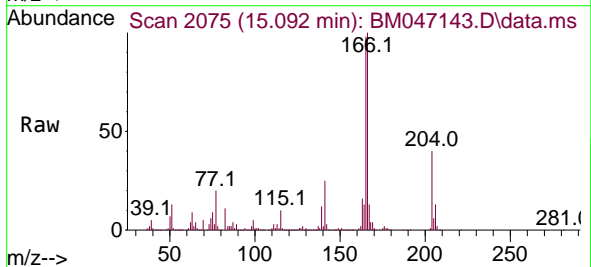
Ion	Ratio	Lower	Upper
165	100		
63	52.0	40.3	60.5
89	81.1	61.0	91.6
182	2.7	1.9	2.9

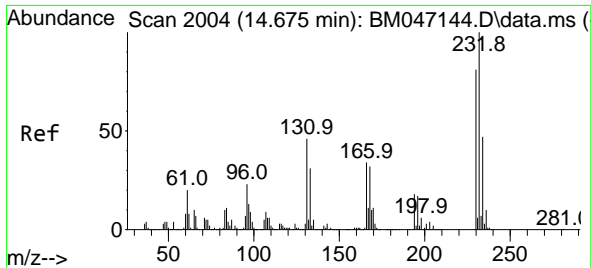


#58
 Fluorene
 Concen: 21.024 ng
 RT: 15.092 min Scan# 2075
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:166 Resp: 1066342

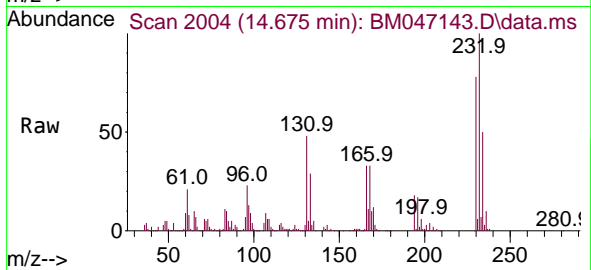
Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.4	116.0
167	13.4	11.0	16.6



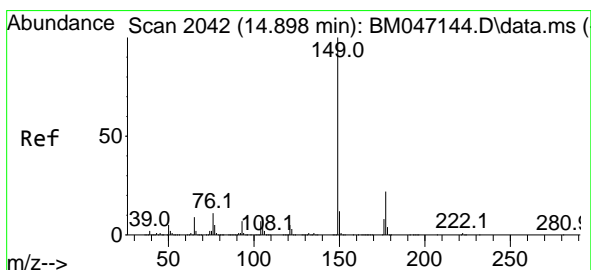
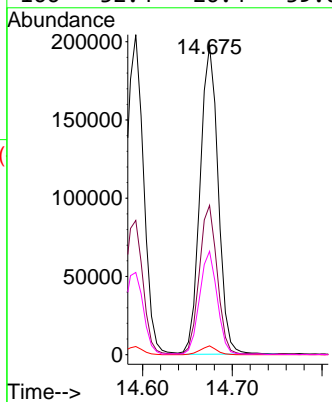
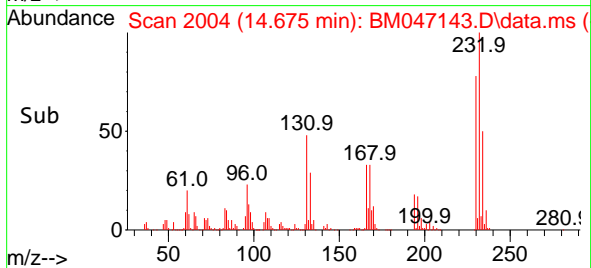


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 20.846 ng
 RT: 14.675 min Scan# 2004
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

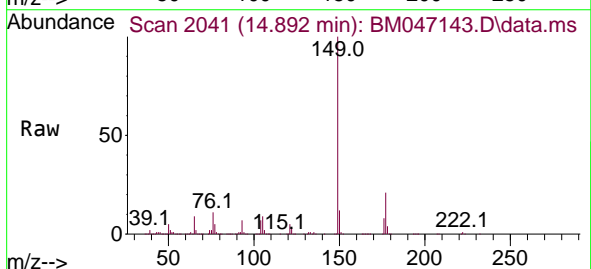
Instrument : BNA_M
 ClientSampleId : SSTDICC020



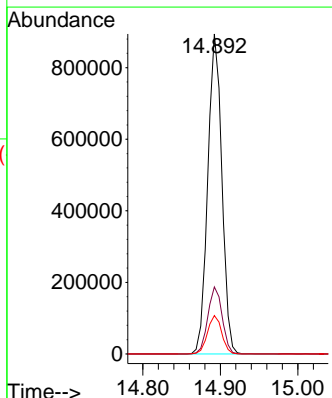
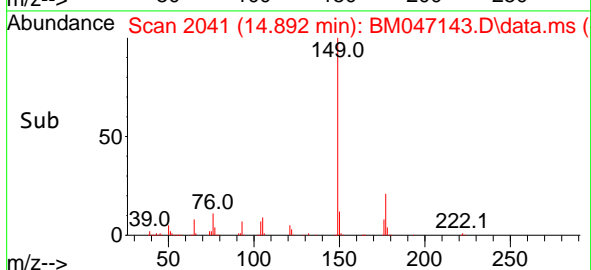
Tgt Ion:232 Resp: 275845
 Ion Ratio Lower Upper
 232 100
 131 47.9 36.9 55.3
 130 2.5 2.0 3.0
 166 32.4 26.4 39.6

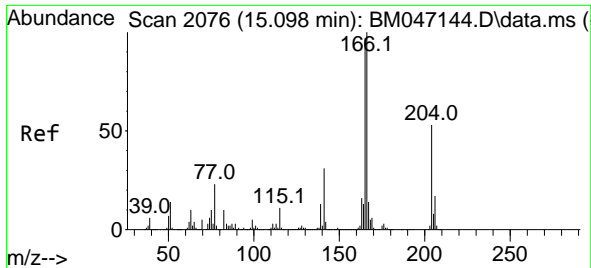


#60
 Diethylphthalate
 Concen: 21.113 ng
 RT: 14.892 min Scan# 2041
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11



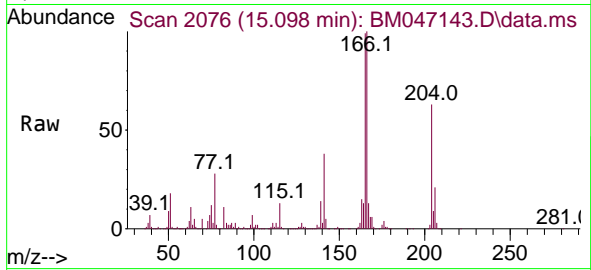
Tgt Ion:149 Resp: 1126281
 Ion Ratio Lower Upper
 149 100
 177 21.0 17.6 26.4
 150 12.0 9.8 14.6





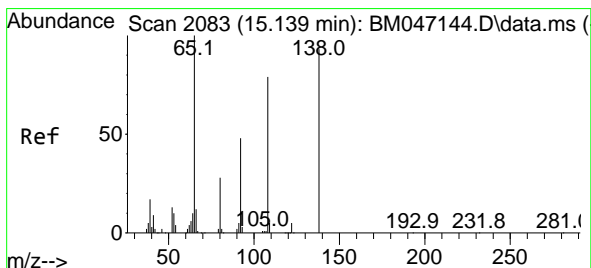
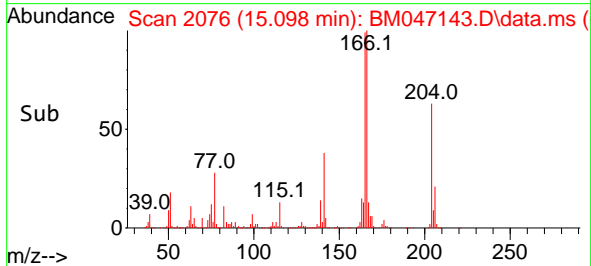
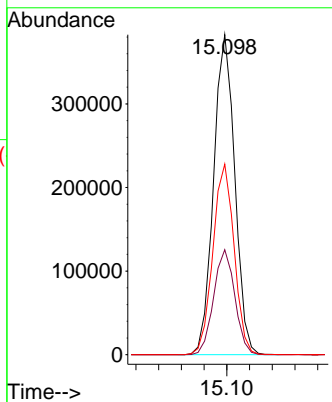
#61
 4-Chlorophenyl-phenylether
 Concen: 20.551 ng
 RT: 15.098 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020



Tgt Ion: 204 Resp: 496242

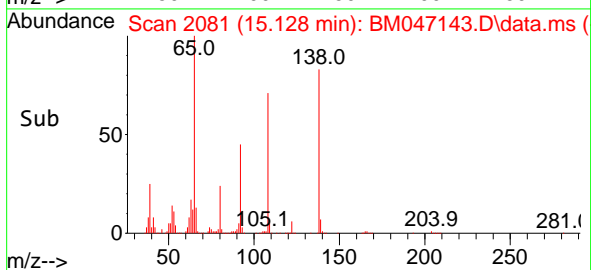
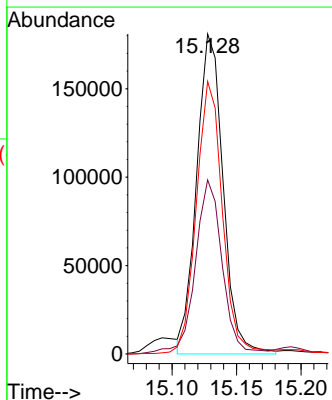
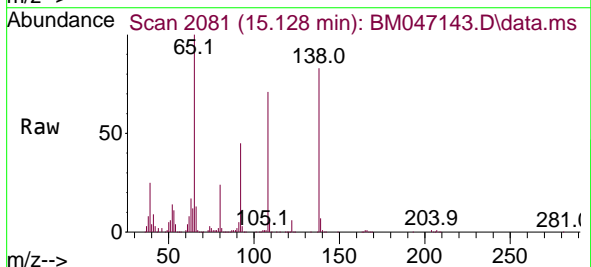
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.4
141	59.5	47.2	70.8

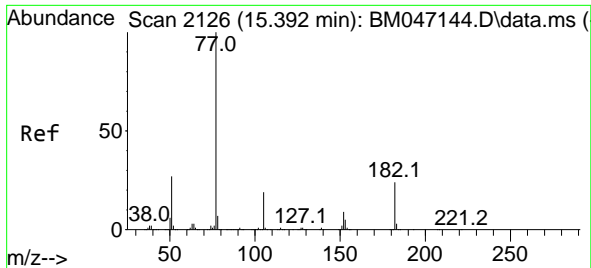


#62
 4-Nitroaniline
 Concen: 21.445 ng m
 RT: 15.128 min Scan# 2081
 Delta R.T. -0.012 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion: 138 Resp: 258531

Ion	Ratio	Lower	Upper
138	100		
92	54.4	31.9	71.9
108	85.1	63.8	103.8



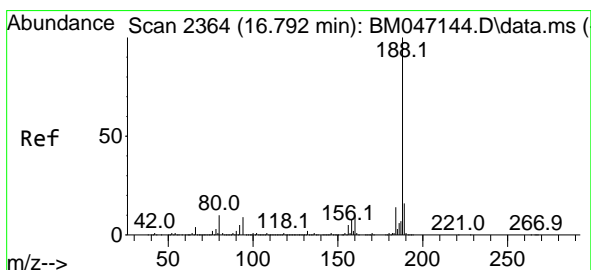
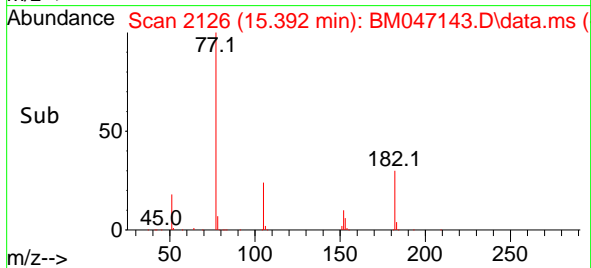
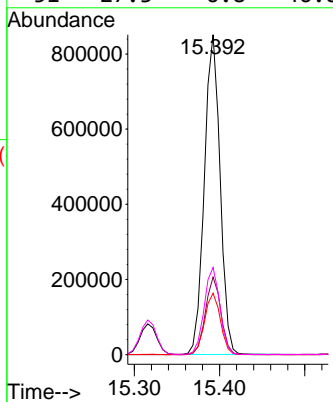
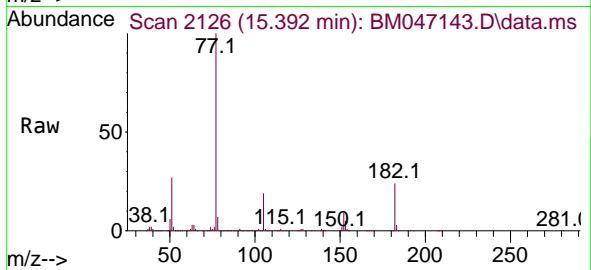


#63
 Azobenzene
 Concen: 21.550 ng
 RT: 15.392 min Scan# 2126
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tgt Ion: 77 Resp: 1090035

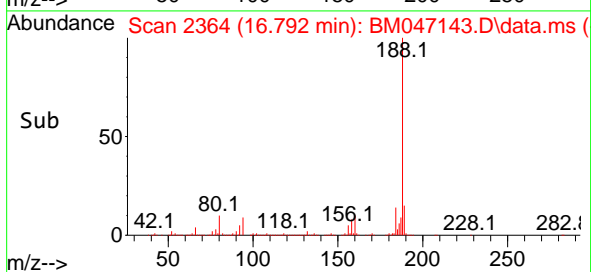
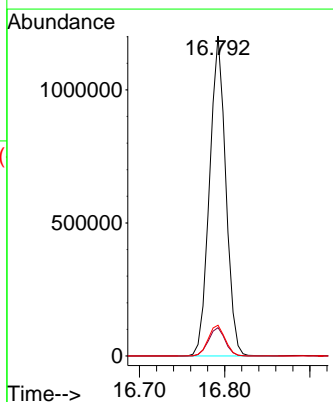
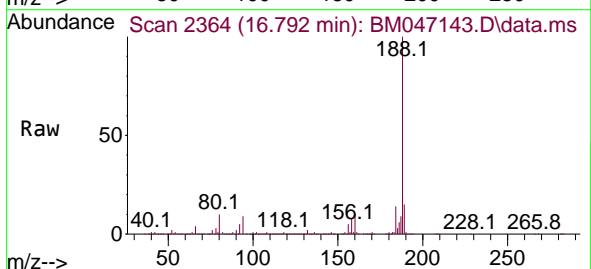
Ion	Ratio	Lower	Upper
77	100		
182	24.2	3.8	43.8
105	19.2	0.0	39.5
51	27.3	6.8	46.8

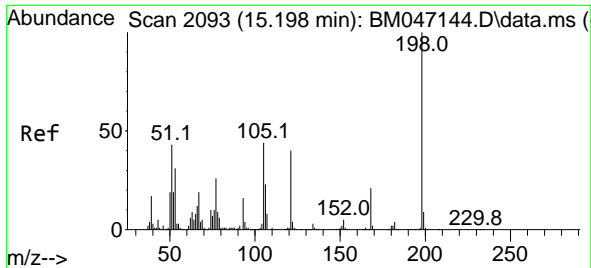


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.792 min Scan# 2364
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion: 188 Resp: 1595663

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.6
80	9.6	8.0	12.0





#65
 4,6-Dinitro-2-methylphenol
 Concen: 20.511 ng
 RT: 15.192 min Scan# 2092
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :

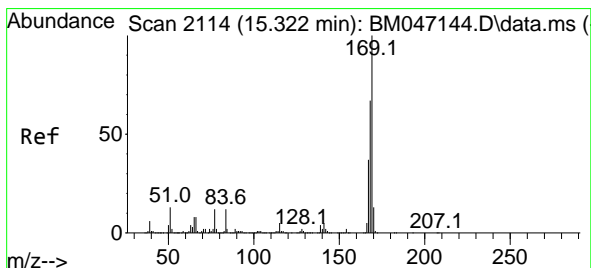
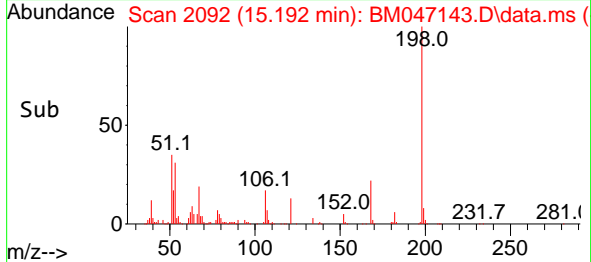
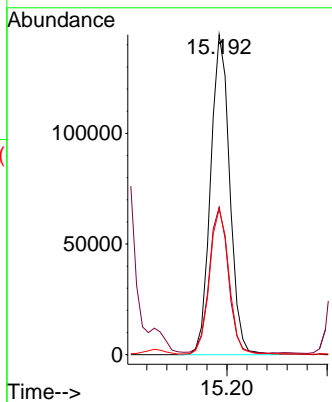
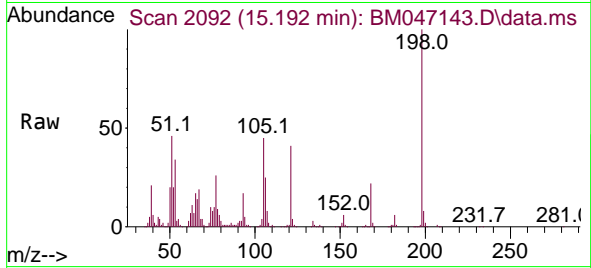
BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:198 Resp: 191622

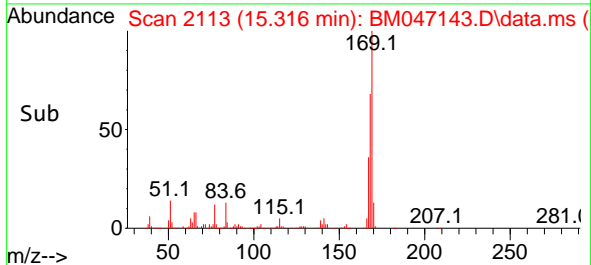
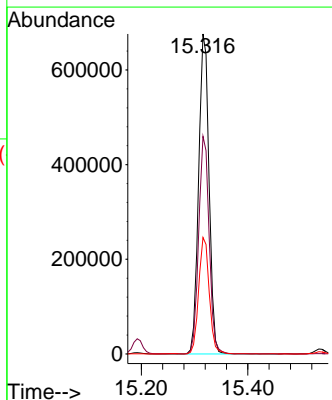
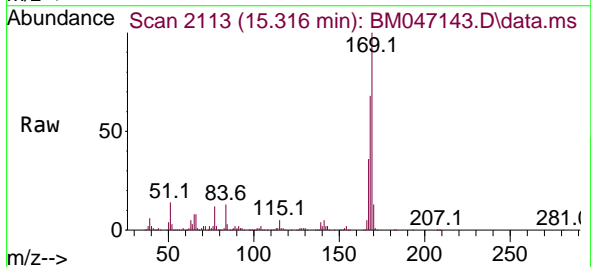
Ion	Ratio	Lower	Upper
198	100		
51	46.1	23.9	63.9
105	45.5	24.3	64.3

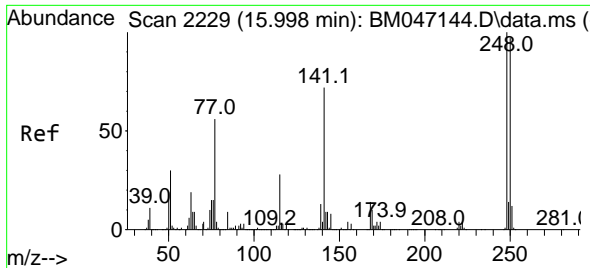


#66
 n-Nitrosodiphenylamine
 Concen: 21.049 ng
 RT: 15.316 min Scan# 2113
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:169 Resp: 914838

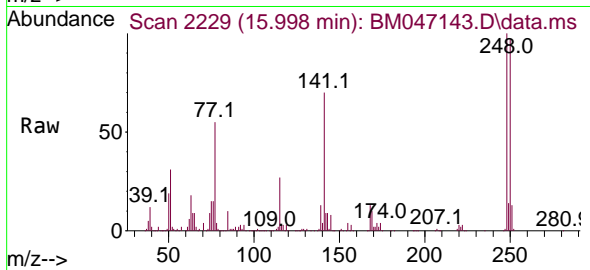
Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.8	80.8
167	36.4	29.3	43.9





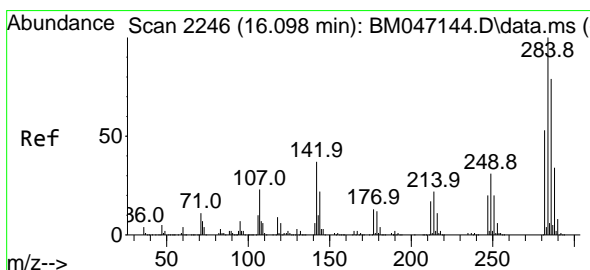
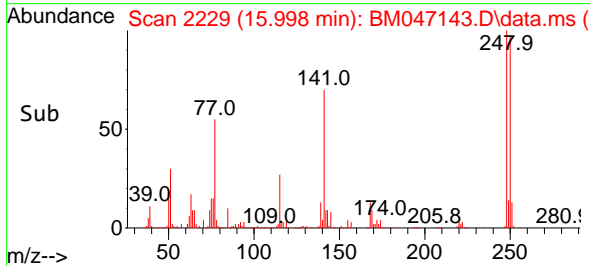
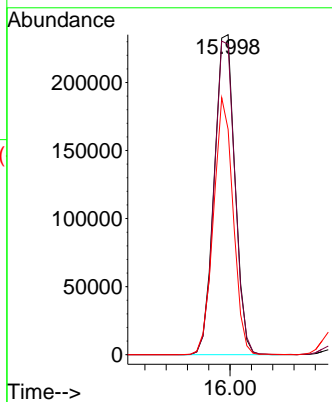
#67
 4-Bromophenyl-phenylether
 Concen: 20.583 ng
 RT: 15.998 min Scan# 2229
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument : BNA_M
 ClientSampleId : SSTDICC020



Tgt Ion:248 Resp: 316488

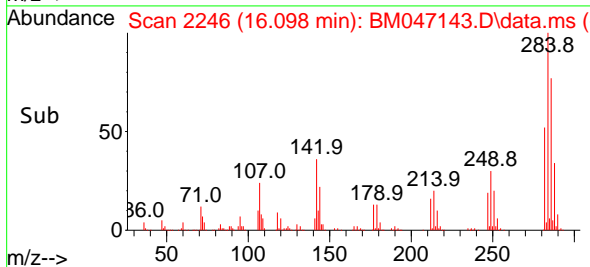
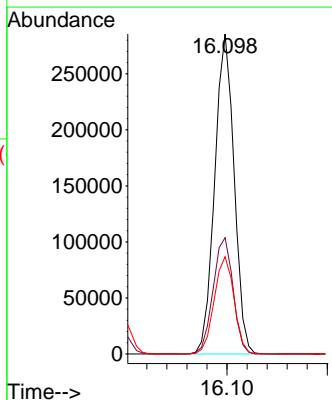
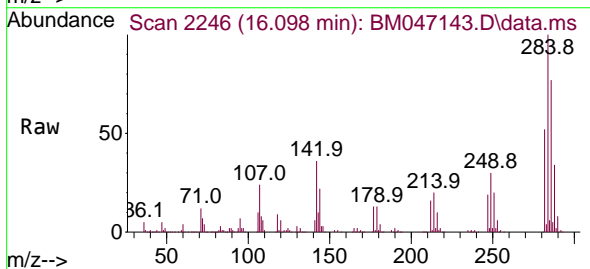
Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.8	116.8
141	70.4	57.7	86.5

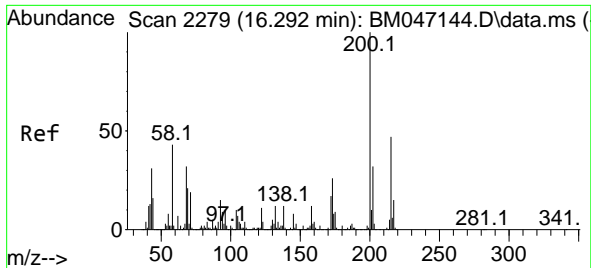


#68
 Hexachlorobenzene
 Concen: 20.765 ng
 RT: 16.098 min Scan# 2246
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:284 Resp: 382395

Ion	Ratio	Lower	Upper
284	100		
142	36.3	29.4	44.0
249	30.4	25.1	37.7

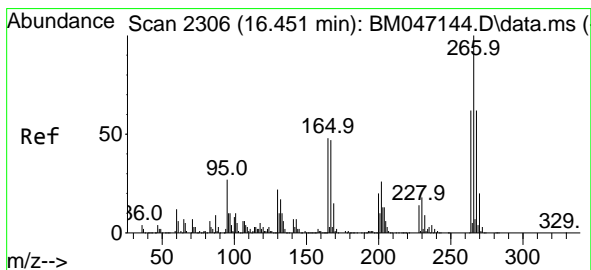
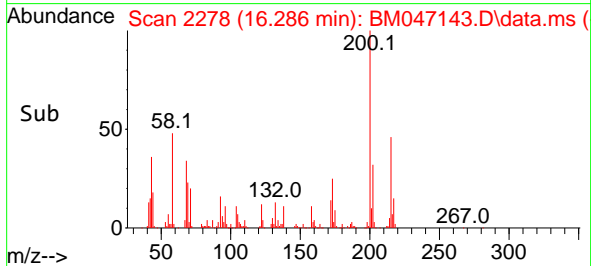
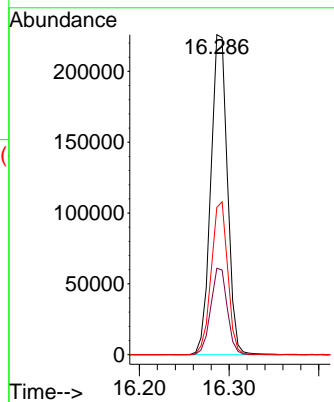
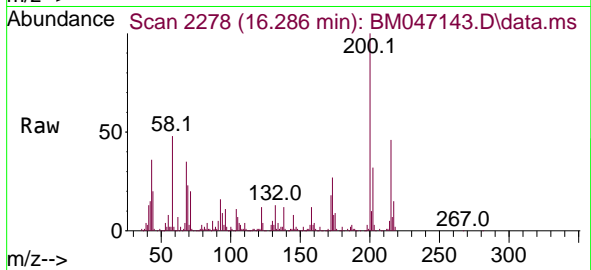




#69
 Atrazine
 Concen: 22.231 ng
 RT: 16.286 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

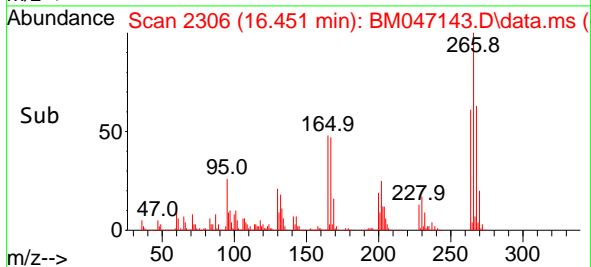
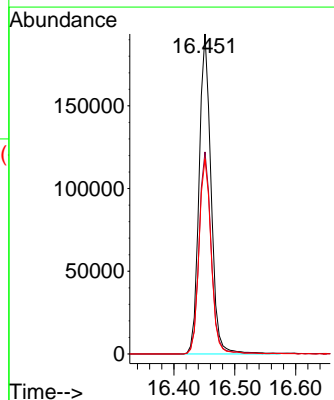
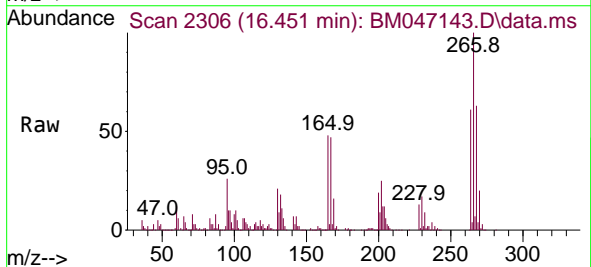
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

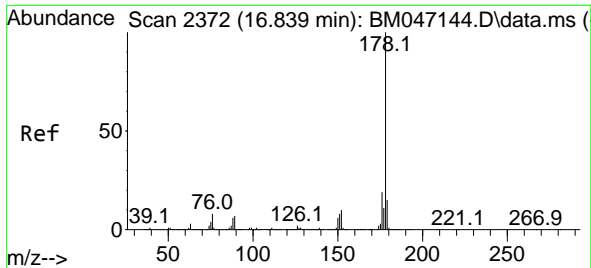
Tgt Ion:200 Resp: 290743
 Ion Ratio Lower Upper
 200 100
 173 27.0 6.1 46.1
 215 46.1 26.8 66.8



#70
 Pentachlorophenol
 Concen: 20.430 ng
 RT: 16.451 min Scan# 2306
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:266 Resp: 263728
 Ion Ratio Lower Upper
 266 100
 268 63.1 49.8 74.6
 264 60.8 49.6 74.4



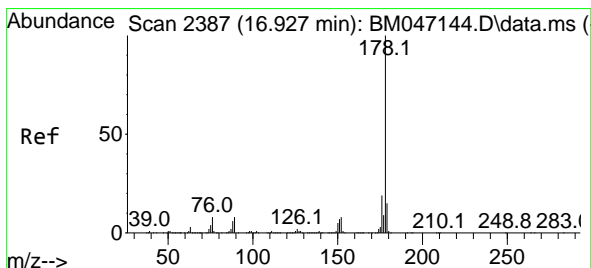
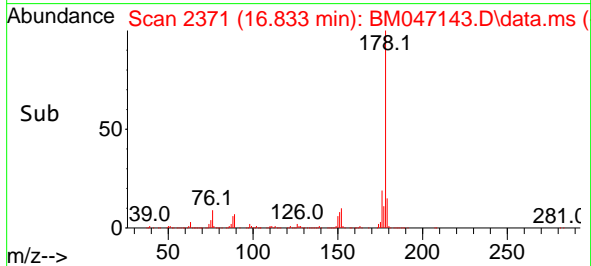
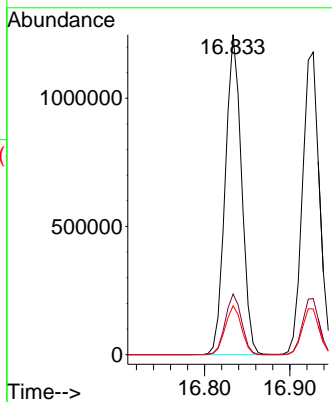
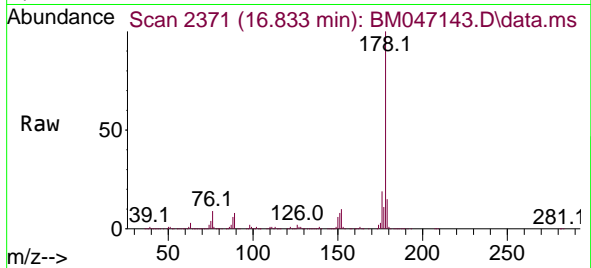


#71
 Phenanthrene
 Concen: 20.634 ng
 RT: 16.833 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tgt Ion:178 Resp: 1652375

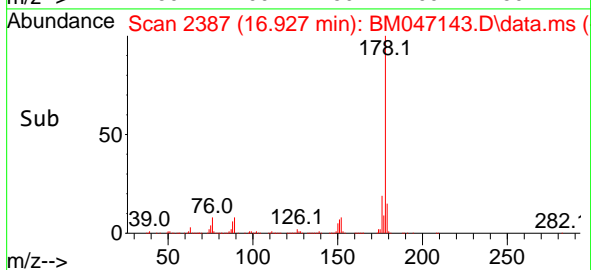
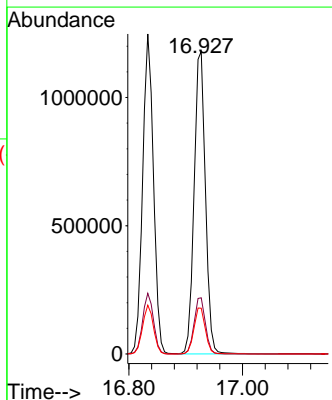
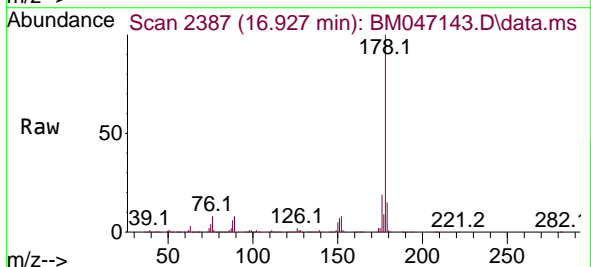
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.2	12.4	18.6

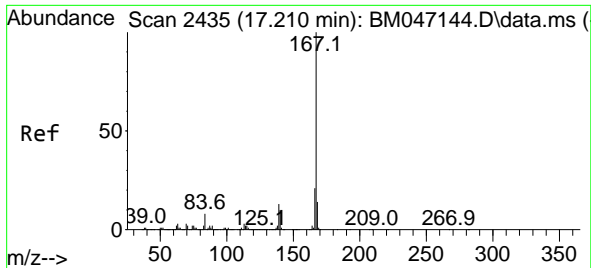


#72
 Anthracene
 Concen: 21.021 ng
 RT: 16.927 min Scan# 2387
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:178 Resp: 1637902

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.1	12.4	18.6



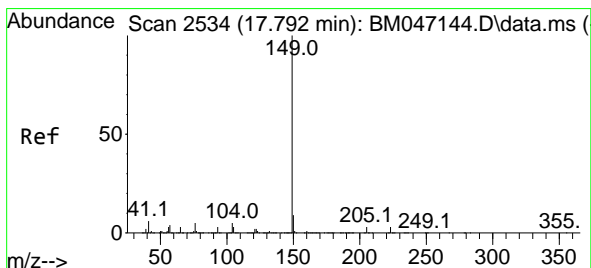
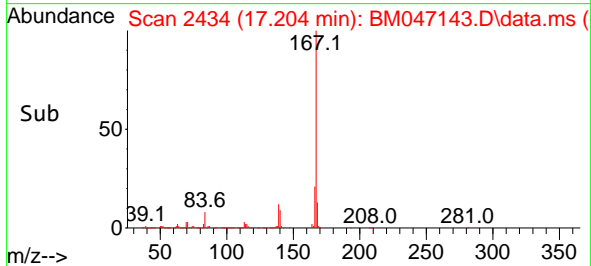
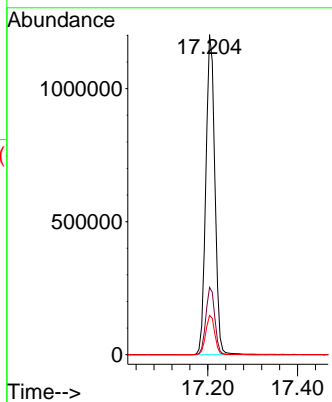
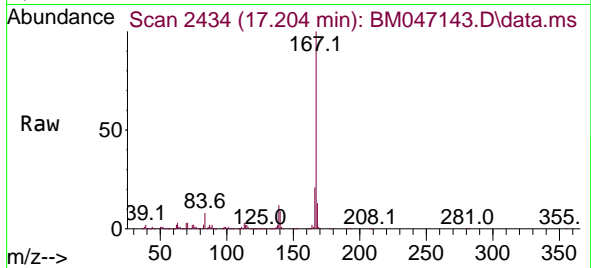


#73
 Carbazole
 Concen: 21.094 ng
 RT: 17.204 min Scan# 2435
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument : BNA_M
 Client Sample Id : SSTDICC020

Tgt Ion:167 Resp: 1678200

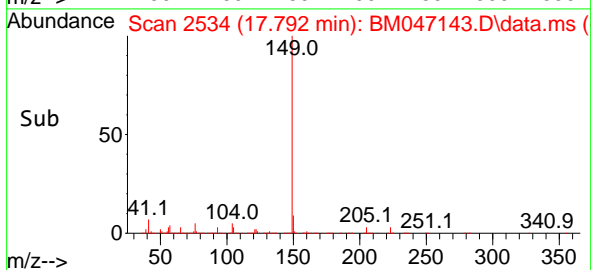
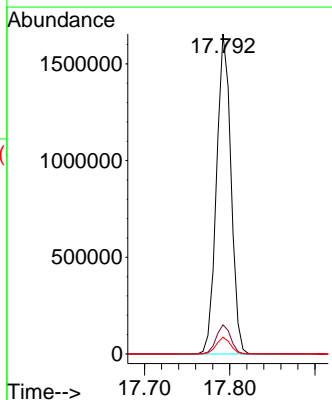
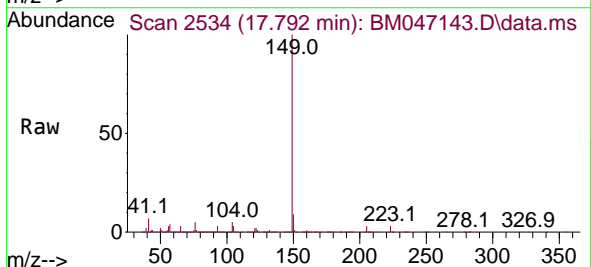
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.1	25.7
139	12.2	10.0	15.0

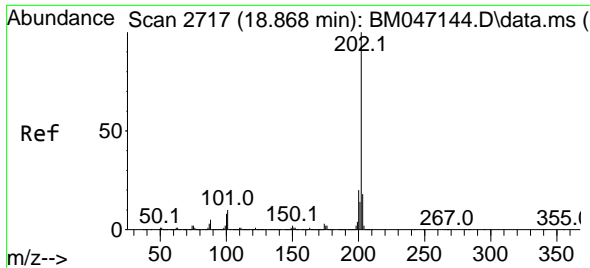


#74
 Di-n-butylphthalate
 Concen: 21.077 ng
 RT: 17.792 min Scan# 2534
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:149 Resp: 1951166

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.3	4.1	6.1





#75
Fluoranthene
Concen: 20.558 ng
RT: 18.868 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047143.D
Acq: 10 Aug 2024 15:11

Instrument :

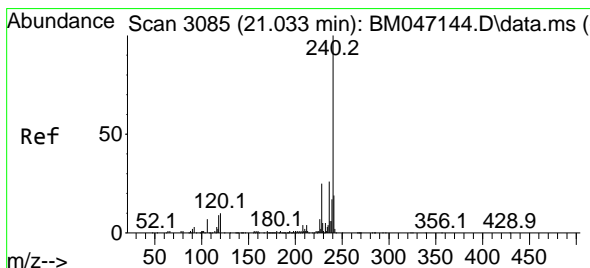
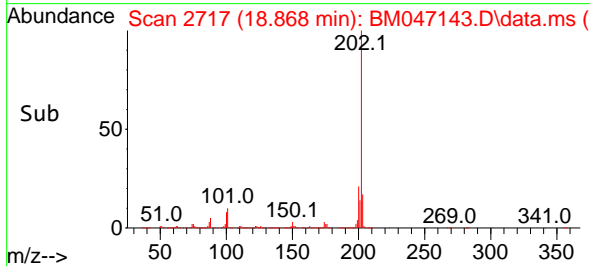
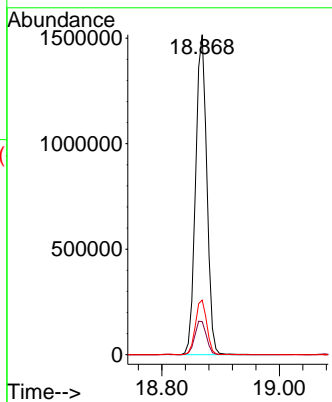
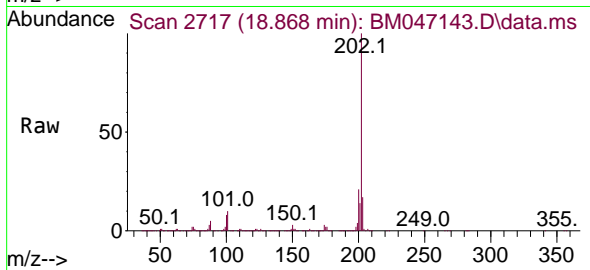
BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:202 Resp: 2002438

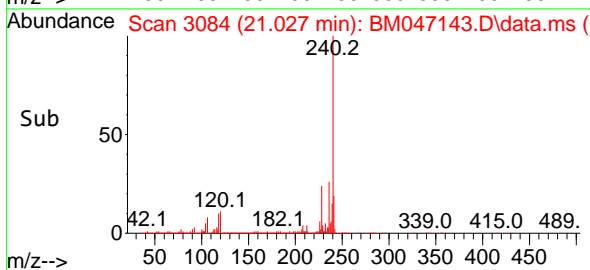
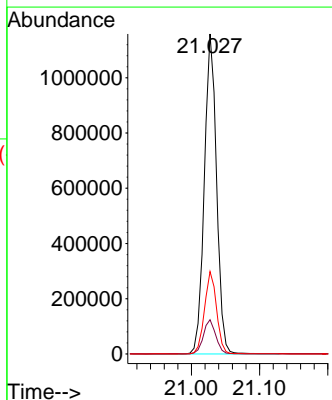
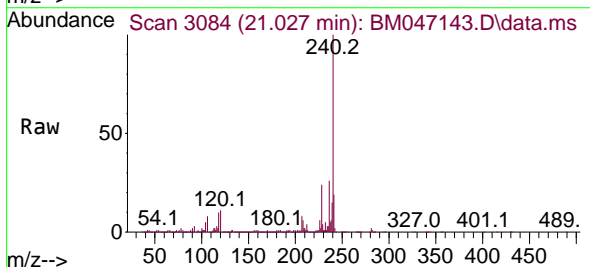
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.2
203	17.1	0.0	37.6

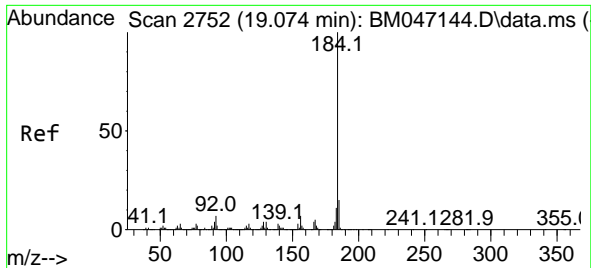


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047143.D
Acq: 10 Aug 2024 15:11

Tgt Ion:240 Resp: 1449202

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.2	12.2
236	25.8	20.6	30.8



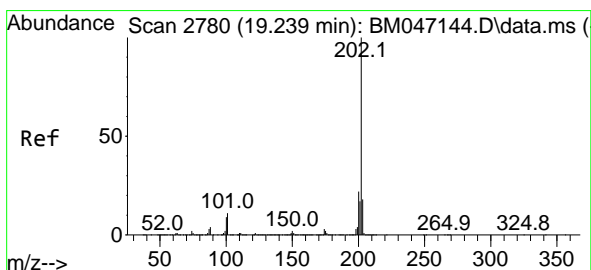
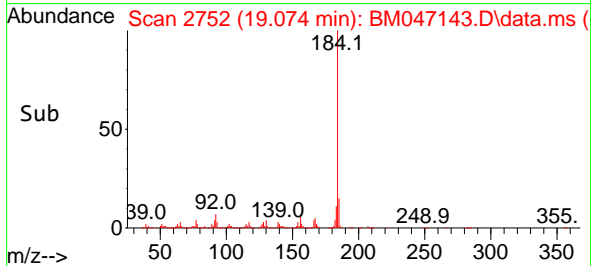
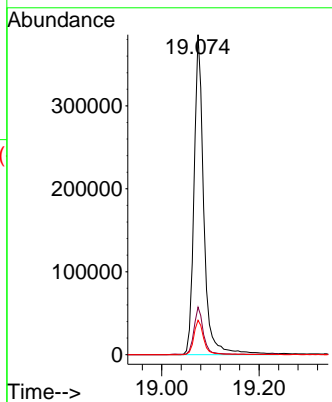
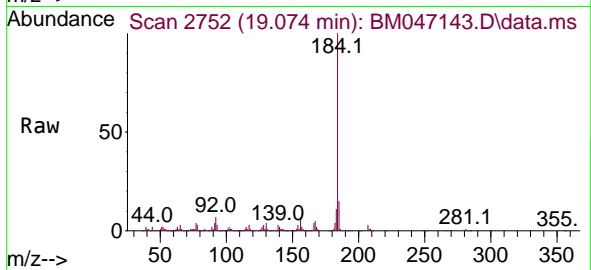


#77
 Benzidine
 Concen: 22.019 ng
 RT: 19.074 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tgt Ion:184 Resp: 541138

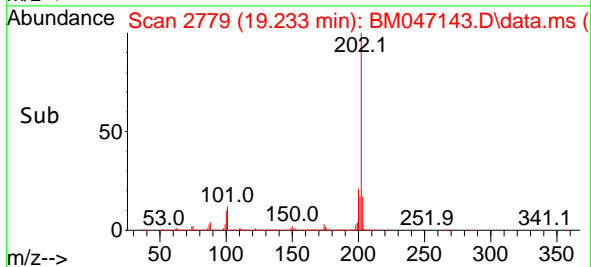
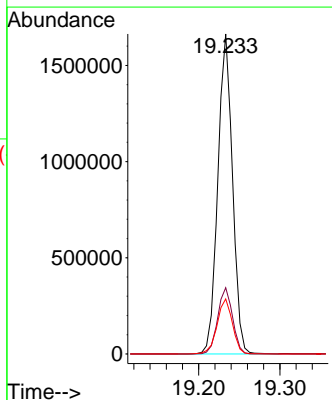
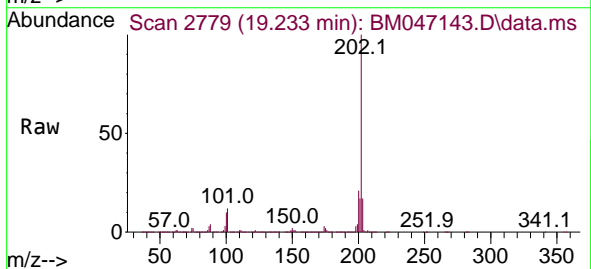
Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.8	17.6
183	10.8	9.0	13.6

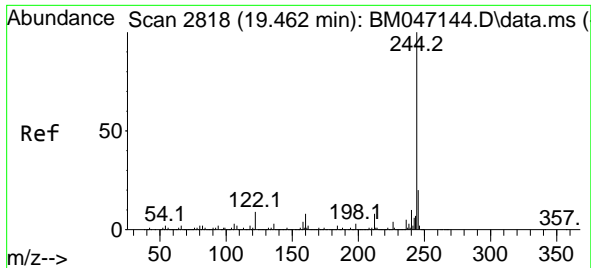


#78
 Pyrene
 Concen: 20.215 ng
 RT: 19.233 min Scan# 2779
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:202 Resp: 2091746

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.2	25.8
203	17.2	14.2	21.2



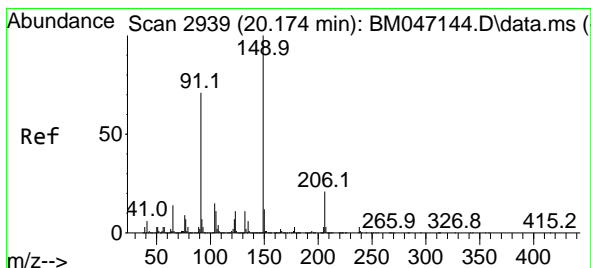
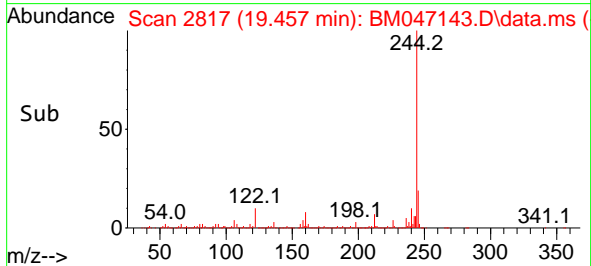
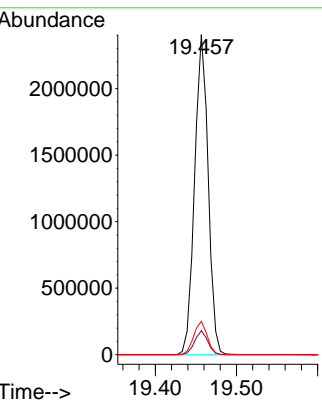
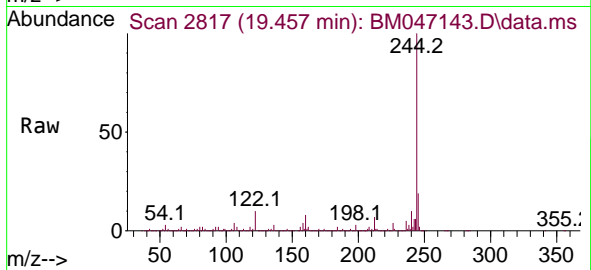


#79
 Terphenyl-d14
 Concen: 41.052 ng
 RT: 19.457 min Scan# 2818
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tgt Ion:244 Resp: 2776457

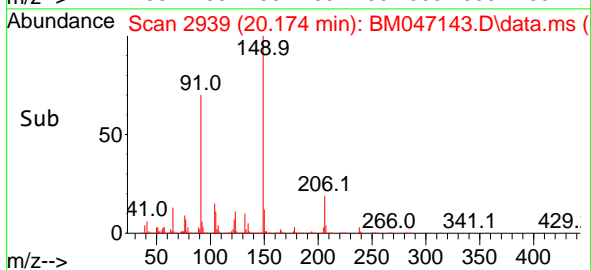
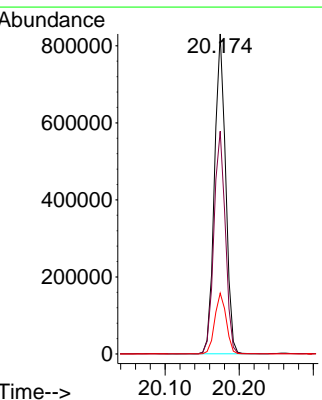
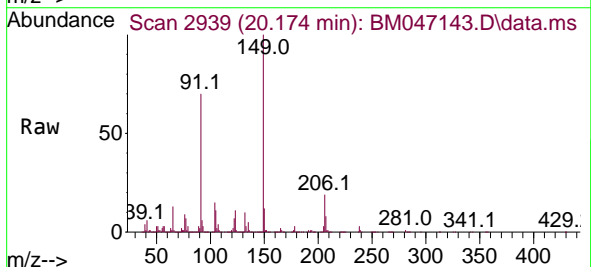
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.4
122	10.5	7.1	10.7

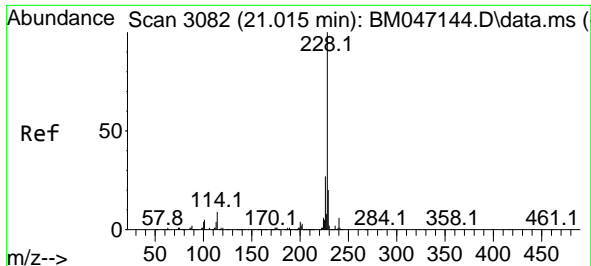


#80
 Butylbenzylphthalate
 Concen: 20.580 ng
 RT: 20.174 min Scan# 2939
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:149 Resp: 869066

Ion	Ratio	Lower	Upper
149	100		
91	69.6	57.0	85.4
206	19.0	16.4	24.6



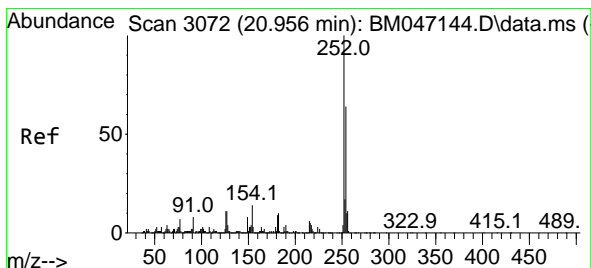
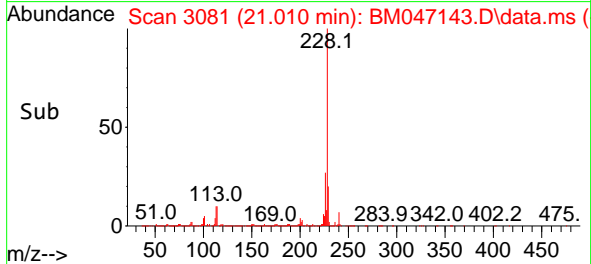
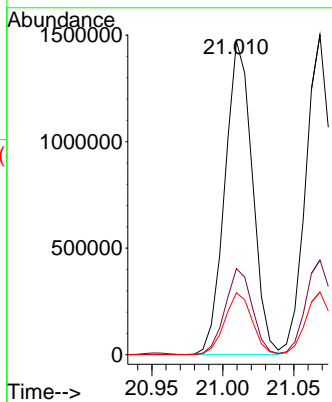
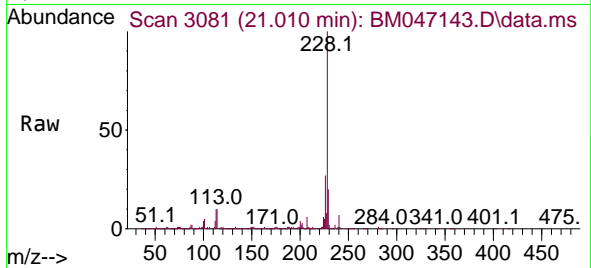


#81
 Benzo(a)anthracene
 Concen: 20.554 ng
 RT: 21.010 min Scan# 3082
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument : BNA_M
 ClientSampleId : SSTDICC020

Tgt Ion:228 Resp: 1977415

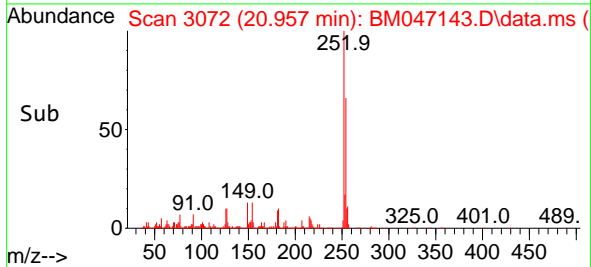
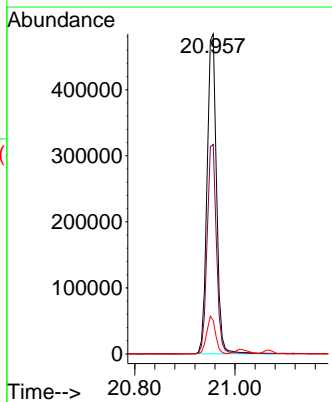
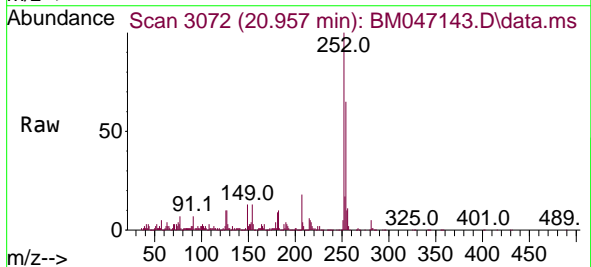
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.6
229	19.8	15.8	23.8

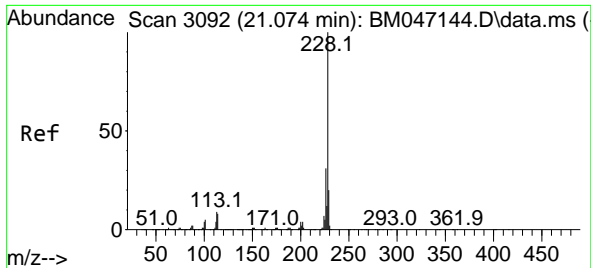


#82
 3,3'-Dichlorobenzidine
 Concen: 21.130 ng
 RT: 20.957 min Scan# 3072
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:252 Resp: 636034

Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.0	76.6
126	10.4	8.5	12.7



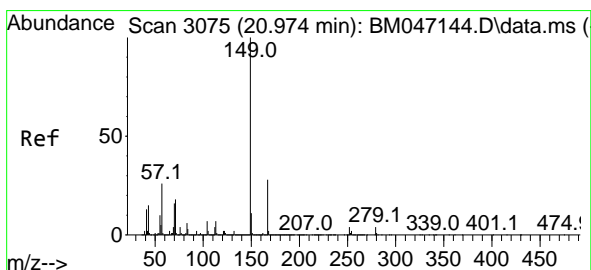
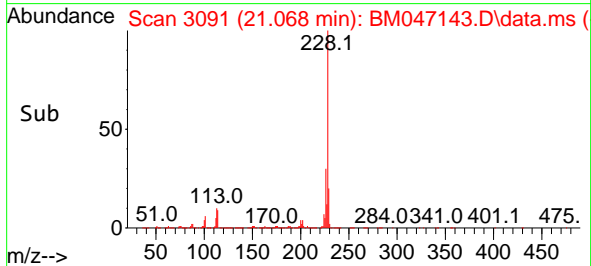
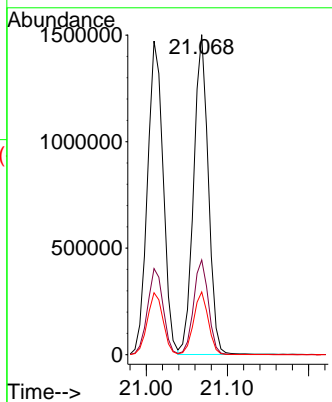
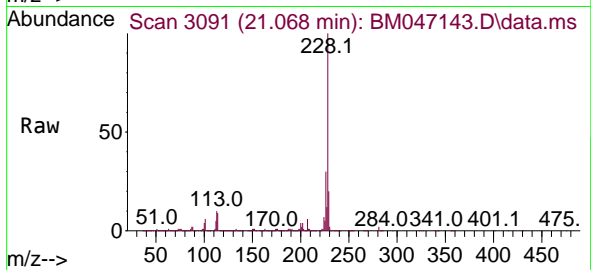


#83
 Chrysene
 Concen: 20.657 ng
 RT: 21.068 min Scan# 3091
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument : BNA_M
 Client Sample Id : SSTDICC020

Tgt Ion: 228 Resp: 1885561

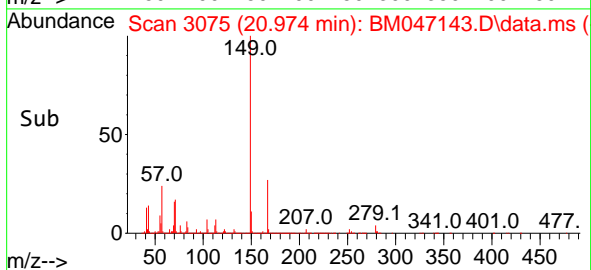
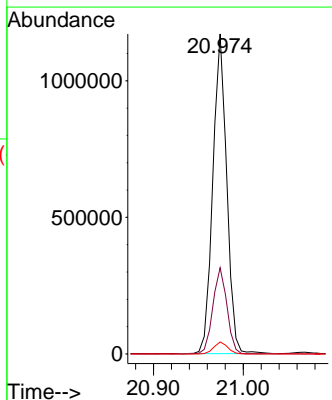
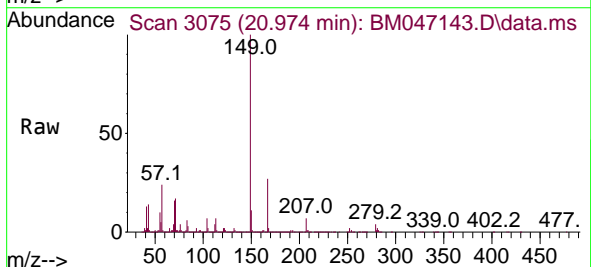
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.4	36.6
229	19.6	15.7	23.5

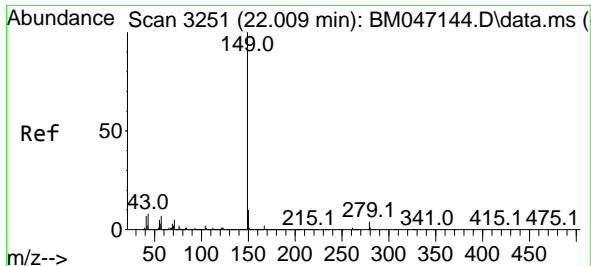


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 20.992 ng
 RT: 20.974 min Scan# 3075
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion: 149 Resp: 1257178

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	3.8	3.0	4.4



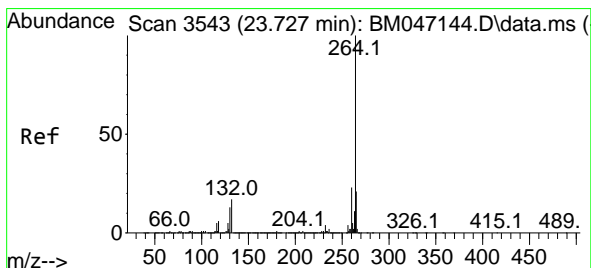
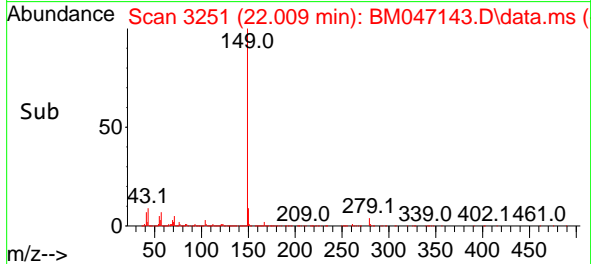
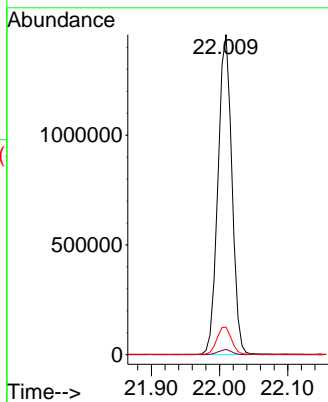
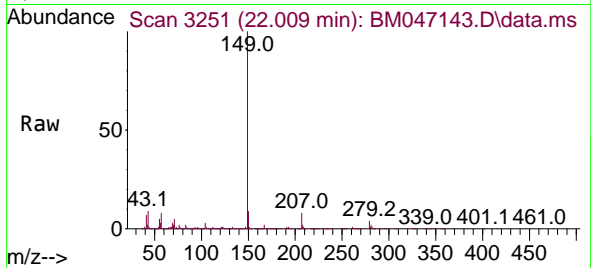


#85
 Di-n-octyl phthalate
 Concen: 20.358 ng
 RT: 22.009 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tgt Ion:149 Resp: 2072238

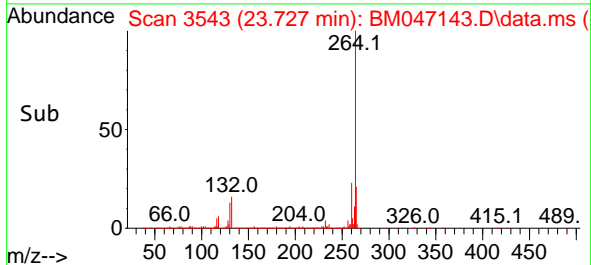
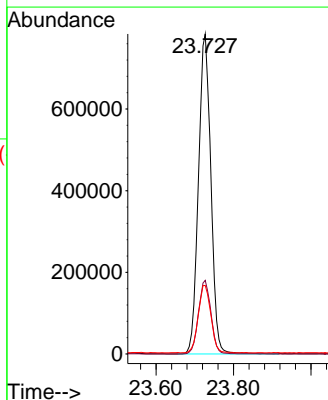
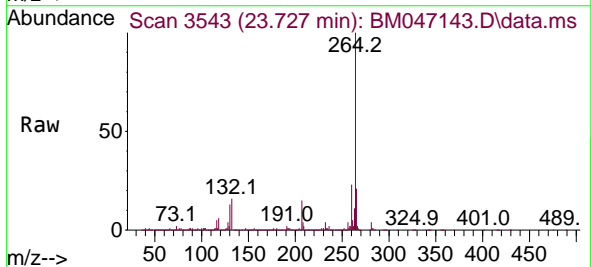
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	6.9	10.3

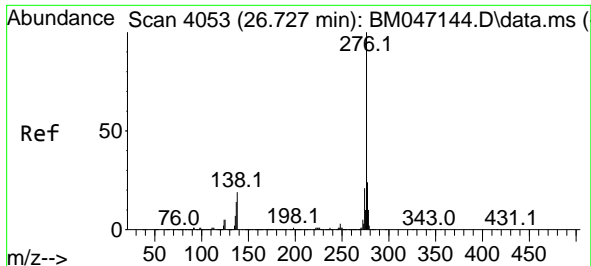


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3543
 Delta R.T. 0.000 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:264 Resp: 1737656

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	21.4	17.3	25.9



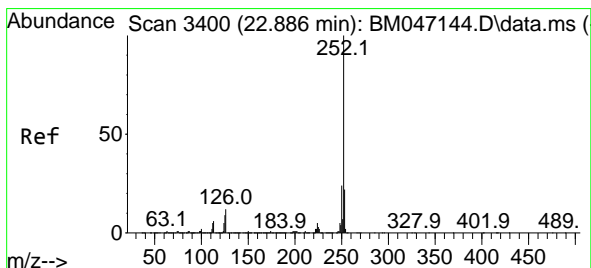
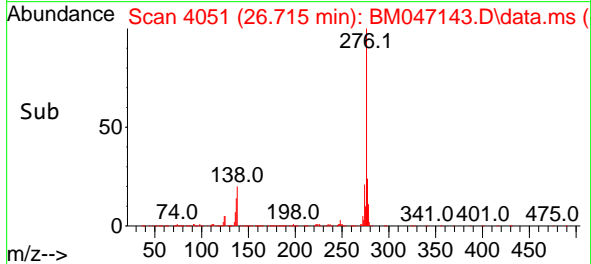
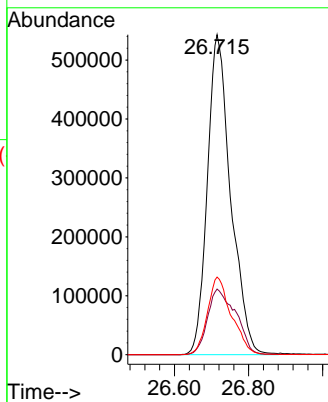
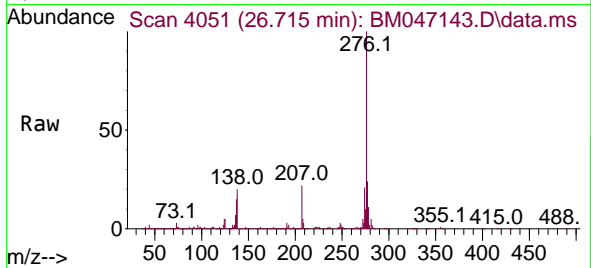


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 21.135 ng
 RT: 26.715 min Scan# 4051
 Delta R.T. -0.012 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tgt Ion: 276 Resp: 2373808

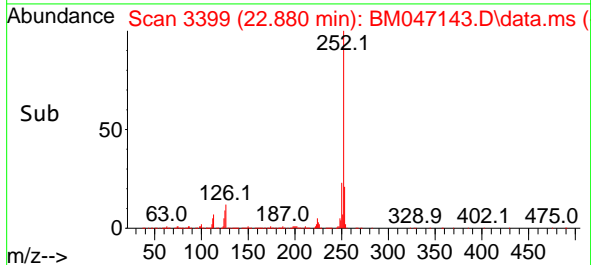
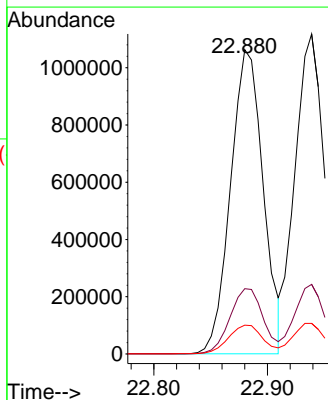
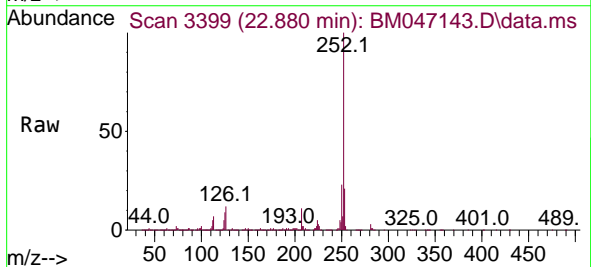
Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.4	29.0
277	25.0	20.1	30.1

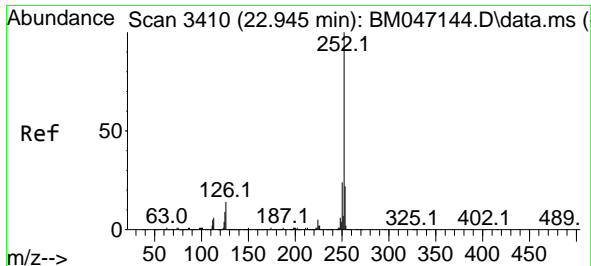


#88
 Benzo(b)fluoranthene
 Concen: 20.581 ng
 RT: 22.880 min Scan# 3399
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion: 252 Resp: 2123837

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	9.5	7.4	11.0



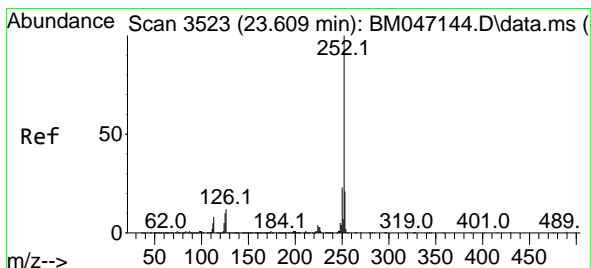
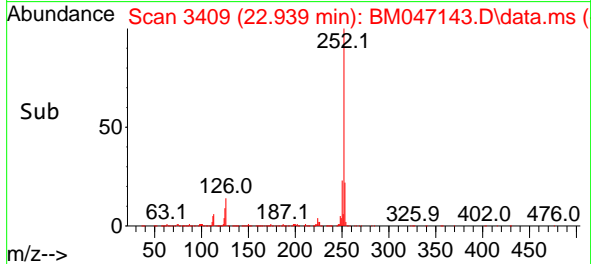
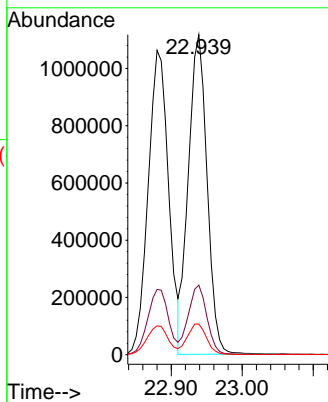
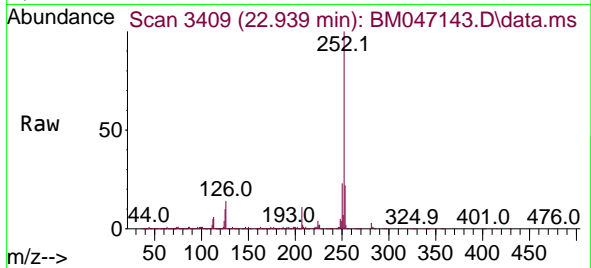


#89
 Benzo(k)fluoranthene
 Concen: 20.948 ng
 RT: 22.939 min Scan# 3410
 Delta R.T. -0.006 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument : BNA_M
 Client Sample Id : BM047143.D
 SSTDICC020

Tgt Ion:252 Resp: 2041826

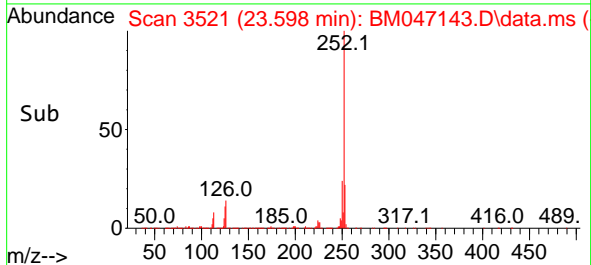
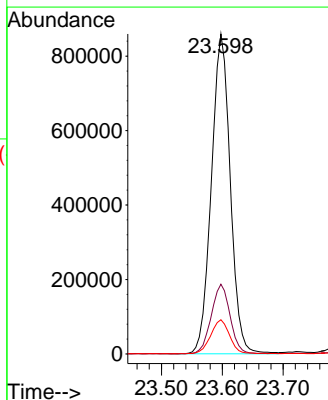
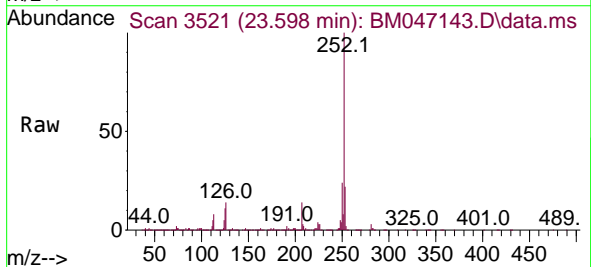
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	9.6	7.4	11.2

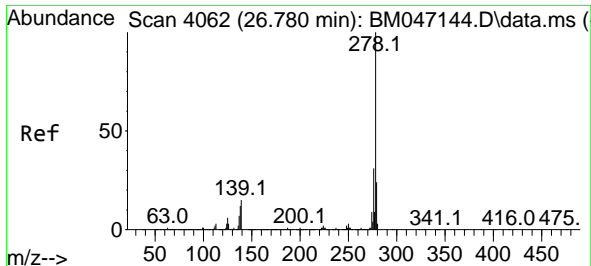


#90
 Benzo(a)pyrene
 Concen: 20.712 ng
 RT: 23.598 min Scan# 3521
 Delta R.T. -0.012 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:252 Resp: 1851508

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.7	8.2	12.2



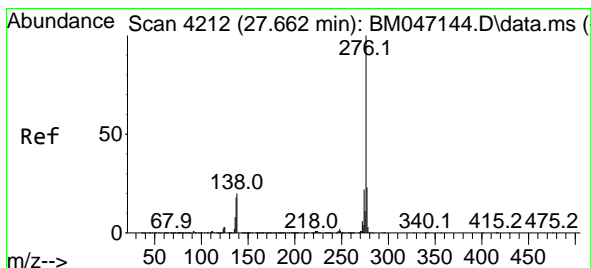
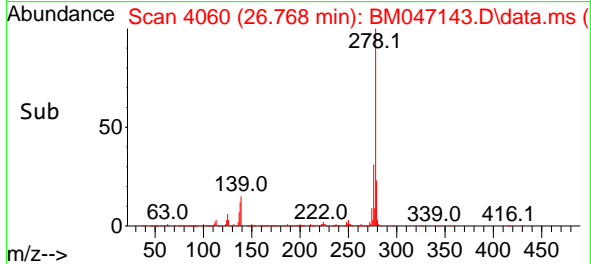
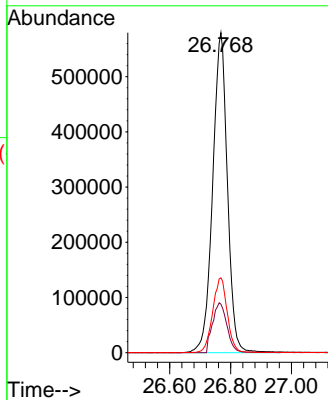
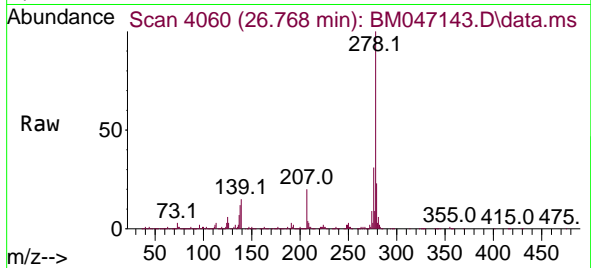


#91
 Dibenzo(a,h)anthracene
 Concen: 21.393 ng
 RT: 26.768 min Scan# 4060
 Delta R.T. -0.012 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tgt Ion:278 Resp: 1944551

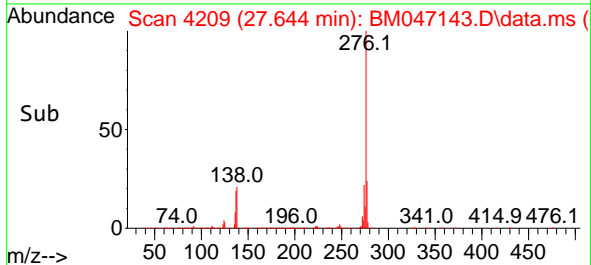
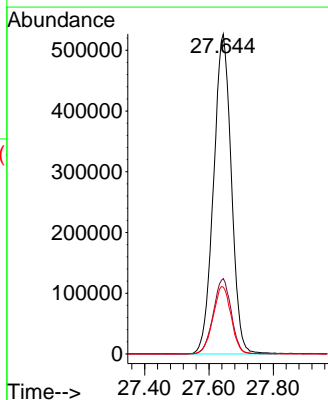
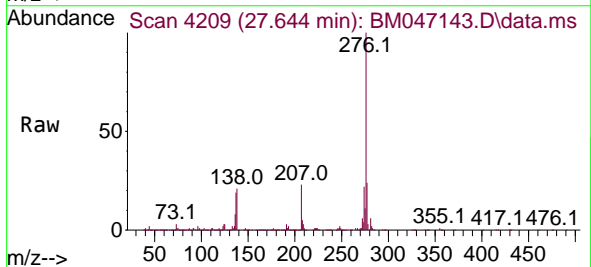
Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.0	18.0
279	23.4	19.2	28.8



#92
 Benzo(g,h,i)perylene
 Concen: 21.405 ng
 RT: 27.644 min Scan# 4209
 Delta R.T. -0.018 min
 Lab File: BM047143.D
 Acq: 10 Aug 2024 15:11

Tgt Ion:276 Resp: 2020018

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	20.9	16.2	24.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047144.D
 Acq On : 10 Aug 2024 15:51
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: Aug 11 23:33:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:24:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.375	152	343346	20.000	ng	0.00	
21) Naphthalene-d8	10.134	136	1387685	20.000	ng	0.00	
39) Acenaphthene-d10	14.033	164	915049	20.000	ng	0.00	
64) Phenanthrene-d10	16.792	188	1901562	20.000	ng	0.00	
76) Chrysene-d12	21.033	240	1674112	20.000	ng	0.00	
86) Perylene-d12	23.727	264	2019244	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.022	112	1471191	76.564	ng	0.00	
7) Phenol-d6	6.587	99	2029645	76.657	ng	0.00	
23) Nitrobenzene-d5	8.522	82	2162113	78.454	ng	0.00	
42) 2,4,6-Tribromophenol	15.539	330	847891	79.913	ng	0.00	
45) 2-Fluorobiphenyl	12.645	172	4628326	78.021	ng	0.00	
79) Terphenyl-d14	19.462	244	6271744	80.275	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.034	88	301045	37.812	ng		100
3) Pyridine	3.411	79	894414m	38.338	ng		
4) n-Nitrosodimethylamine	3.328	42	391342	38.367	ng		100
6) Aniline	6.728	93	980743	39.189	ng		100
8) 2-Chlorophenol	6.952	128	813486	38.816	ng		100
9) Benzaldehyde	6.540	77	532876	37.348	ng		100
10) Phenol	6.610	94	997737	37.765	ng		100
11) bis(2-Chloroethyl)ether	6.828	93	881082	38.943	ng		100
12) 1,3-Dichlorobenzene	7.263	146	966606	38.813	ng		100
13) 1,4-Dichlorobenzene	7.410	146	981161	38.912	ng		100
14) 1,2-Dichlorobenzene	7.716	146	902511	37.935	ng		100
15) Benzyl Alcohol	7.628	79	754177	40.023	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.916	45	1139263	39.195	ng		100
17) 2-Methylphenol	7.834	107	688729	39.076	ng		100
18) Hexachloroethane	8.428	117	378211	38.722	ng		100
19) n-Nitroso-di-n-propyla...	8.187	70	674051	37.795	ng		100
20) 3+4-Methylphenols	8.163	107	969100	39.329	ng		100
22) Acetophenone	8.198	105	1283137	38.307	ng		100
24) Nitrobenzene	8.563	77	1091975	39.350	ng		100
25) Isophorone	9.093	82	1909053	39.785	ng		100
26) 2-Nitrophenol	9.263	139	504016	41.011	ng		100
27) 2,4-Dimethylphenol	9.345	122	579838	40.278	ng		100
28) bis(2-Chloroethoxy)met...	9.575	93	1208106	40.013	ng		100
29) 2,4-Dichlorophenol	9.798	162	865465	40.518	ng		100
30) 1,2,4-Trichlorobenzene	9.998	180	960853	39.749	ng		100
31) Naphthalene	10.181	128	2680978	38.782	ng		100
32) Benzoic acid	9.534	122	695240	41.337	ng		100
33) 4-Chloroaniline	10.310	127	1069700	40.238	ng		100
34) Hexachlorobutadiene	10.469	225	562225	39.737	ng		100
35) Caprolactam	11.122	113	303209	40.875	ng		100
36) 4-Chloro-3-methylphenol	11.451	107	909901	39.998	ng		100
37) 2-Methylnaphthalene	11.804	142	1912342	38.853	ng		100
38) 1-Methylnaphthalene	12.034	142	1890364	38.861	ng		100
40) 1,2,4,5-Tetrachloroben...	12.186	216	994174	39.833	ng		100
41) Hexachlorocyclopentadiene	12.163	237	366656	42.071	ng		100
43) 2,4,6-Trichlorophenol	12.445	196	730450	41.176	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047144.D
 Acq On : 10 Aug 2024 15:51
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: Aug 11 23:33:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:24:37 2024
 Response via : Initial Calibration

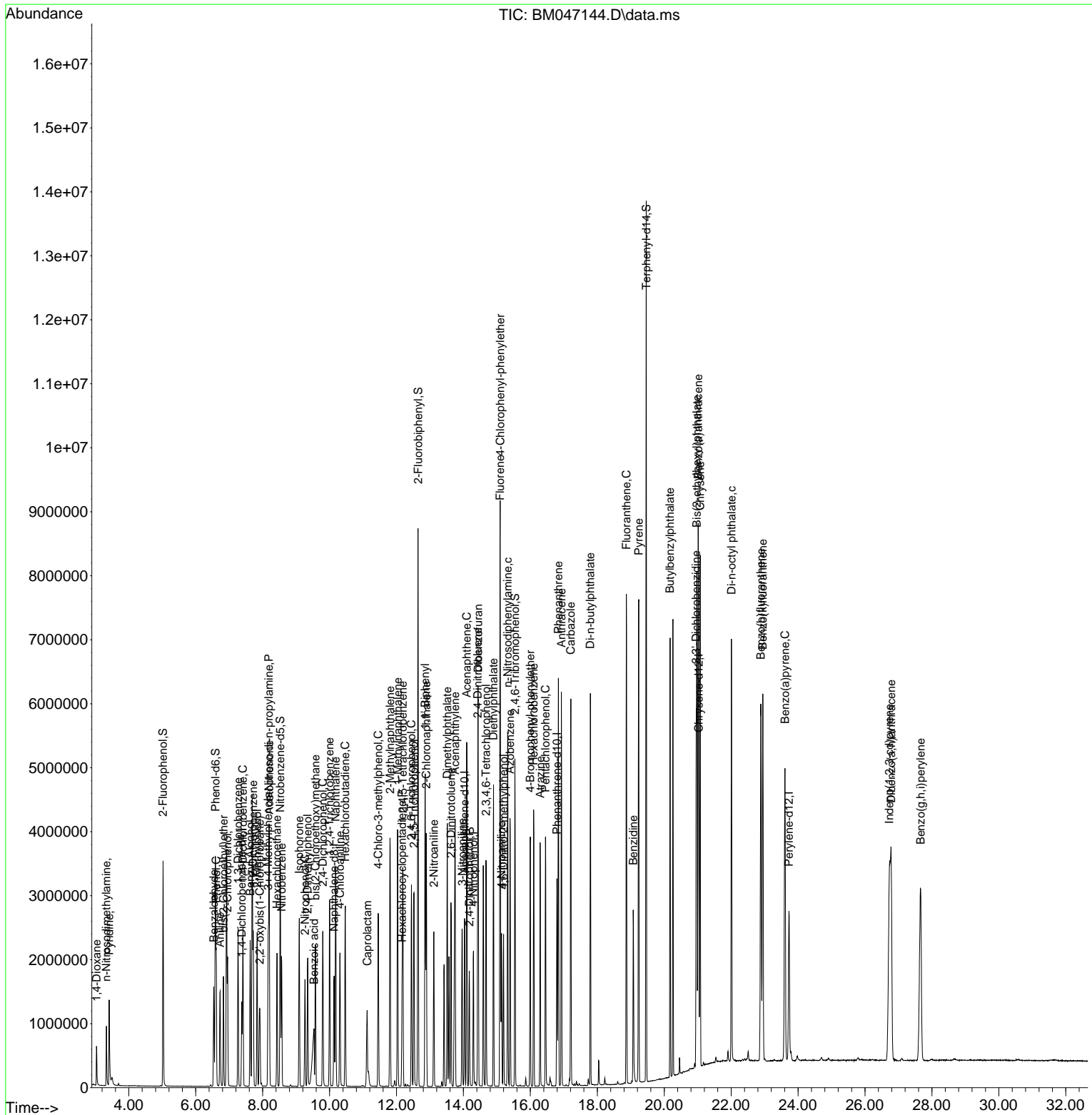
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.522	196	800233	40.628	ng	100
46) 1,1'-Biphenyl	12.857	154	2539356	38.981	ng	100
47) 2-Chloronaphthalene	12.886	162	1959972	38.494	ng	100
48) 2-Nitroaniline	13.116	65	652655	40.916	ng	100
49) Acenaphthylene	13.751	152	2931534	39.060	ng	100
50) Dimethylphthalate	13.516	163	2522996	39.479	ng	100
51) 2,6-Dinitrotoluene	13.628	165	601084	40.235	ng	100
52) Acenaphthene	14.098	154	1844024	38.733	ng	100
53) 3-Nitroaniline	13.963	138	606076	40.486	ng	100
54) 2,4-Dinitrophenol	14.175	184	373189	41.679	ng	100
55) Dibenzofuran	14.439	168	2890230	38.434	ng	100
56) 4-Nitrophenol	14.298	139	537017	41.602	ng	100
57) 2,4-Dinitrotoluene	14.428	165	806412	40.441	ng	100
58) Fluorene	15.092	166	2395462	38.607	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.675	232	650207	40.167	ng	100
60) Diethylphthalate	14.898	149	2558000	39.196	ng	100
61) 4-Chlorophenyl-phenyle...	15.098	204	1137143	38.496	ng	100
62) 4-Nitroaniline	15.139	138	584150	39.609	ng	100
63) Azobenzene	15.392	77	2403859	38.848	ng	100
65) 4,6-Dinitro-2-methylph...	15.198	198	476893	42.835	ng	100
66) n-Nitrosodiphenylamine	15.322	169	2039493	39.377	ng	100
67) 4-Bromophenyl-phenylether	15.998	248	725772	39.608	ng	100
68) Hexachlorobenzene	16.098	284	870505	39.667	ng	100
69) Atrazine	16.292	200	648319	41.597	ng	100
70) Pentachlorophenol	16.451	266	638108	41.480	ng	100
71) Phenanthrene	16.839	178	3712379	38.901	ng	100
72) Anthracene	16.927	178	3623679	39.024	ng	100
73) Carbazole	17.210	167	3693008	38.952	ng	100
74) Di-n-butylphthalate	17.792	149	4430949	40.165	ng	100
75) Fluoranthene	18.868	202	4559377	39.279	ng	100
77) Benzidine	19.074	184	1636101	57.629	ng	100
78) Pyrene	19.239	202	4770524	39.909	ng	100
80) Butylbenzylphthalate	20.174	149	2035184	41.719	ng	100
81) Benzo(a)anthracene	21.015	228	4353304	39.170	ng	100
82) 3,3'-Dichlorobenzidine	20.956	252	1483651	42.667	ng	100
83) Chrysene	21.074	228	4097336	38.858	ng	100
84) Bis(2-ethylhexyl)phtha...	20.974	149	2828936	40.891	ng	100
85) Di-n-octyl phthalate	22.009	149	4878689	41.489	ng	100
87) Indeno(1,2,3-cd)pyrene	26.727	276	5166805	39.586	ng	100
88) Benzo(b)fluoranthene	22.886	252	4689366	39.106	ng	100
89) Benzo(k)fluoranthene	22.945	252	4431625	39.126	ng	100
90) Benzo(a)pyrene	23.609	252	4136829	39.824	ng	100
91) Dibenzo(a,h)anthracene	26.780	278	4125251	39.055	ng	100
92) Benzo(g,h,i)perylene	27.662	276	4346786	39.636	ng	100

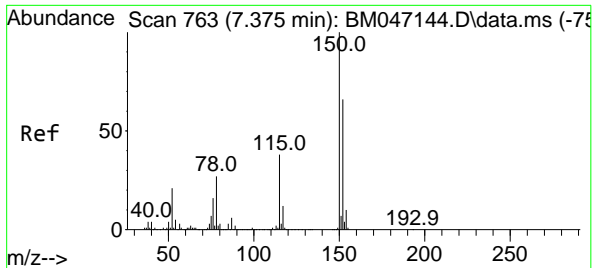
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047144.D
 Acq On : 10 Aug 2024 15:51
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: Aug 11 23:33:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:24:37 2024
 Response via : Initial Calibration



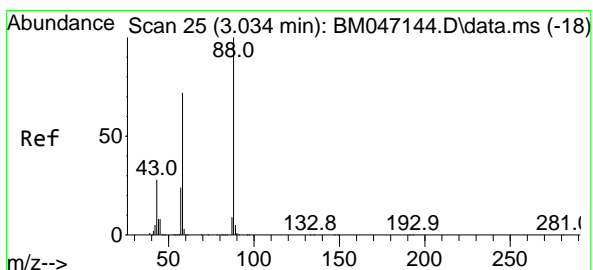
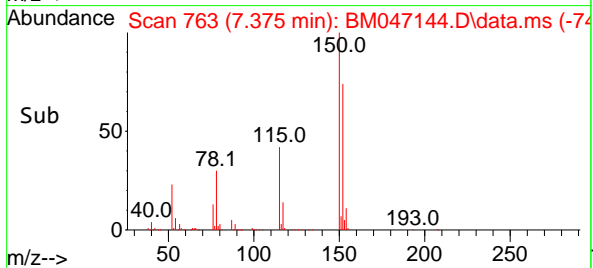
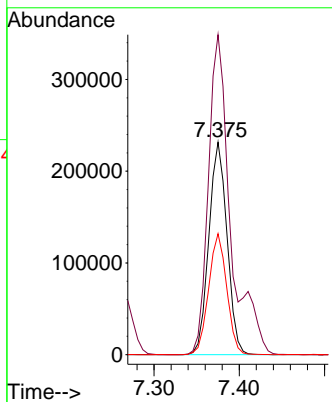
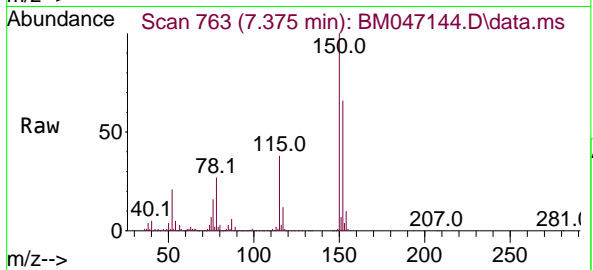


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.375 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Tgt Ion: 152 Resp: 343346

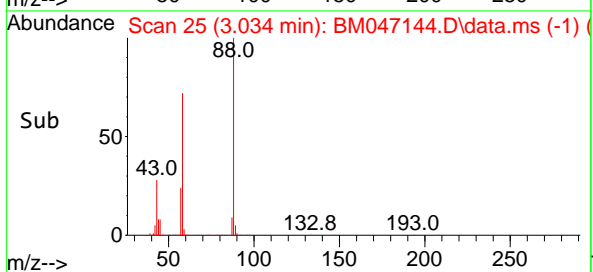
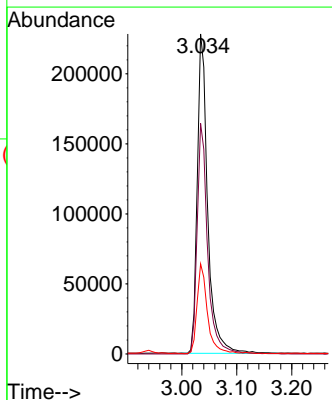
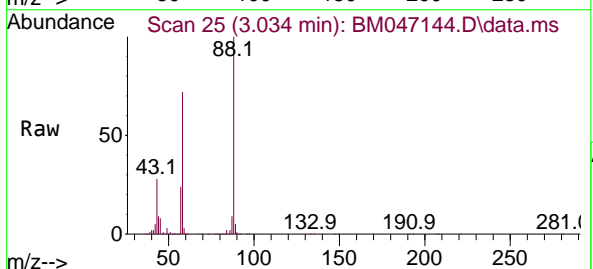
Ion	Ratio	Lower	Upper
152	100		
150	150.6	120.5	180.7
115	56.9	45.5	68.3

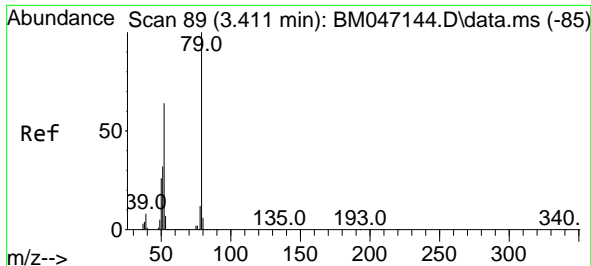


#2
 1,4-Dioxane
 Concen: 37.812 ng
 RT: 3.034 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion: 88 Resp: 301045

Ion	Ratio	Lower	Upper
88	100		
58	72.8	58.2	87.4
43	28.1	22.5	33.7



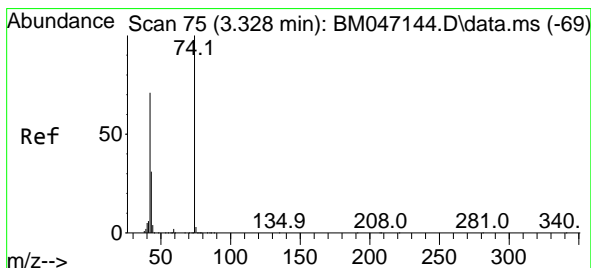
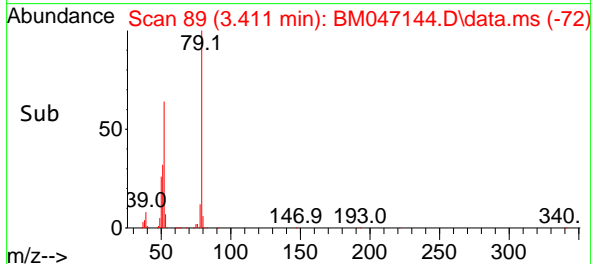
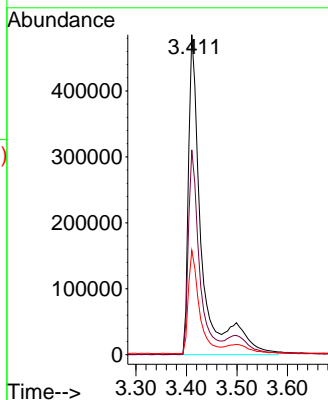
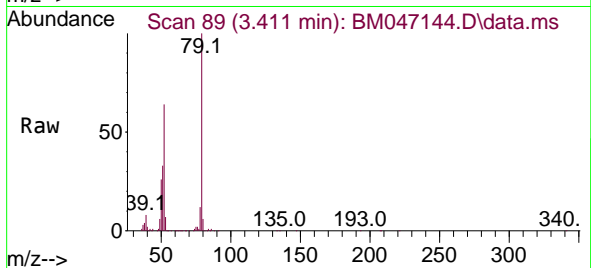


#3
 Pyridine
 Concen: 38.338 ng m
 RT: 3.411 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Tgt Ion: 79 Resp: 894414

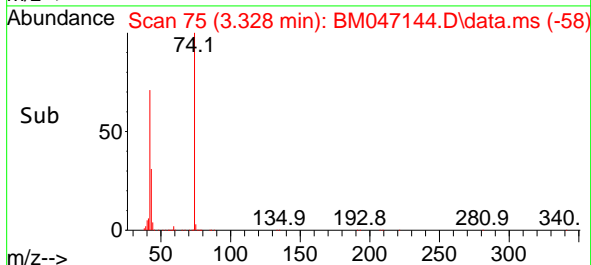
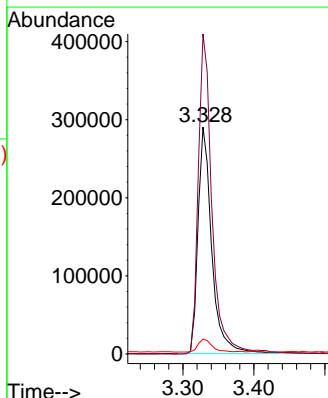
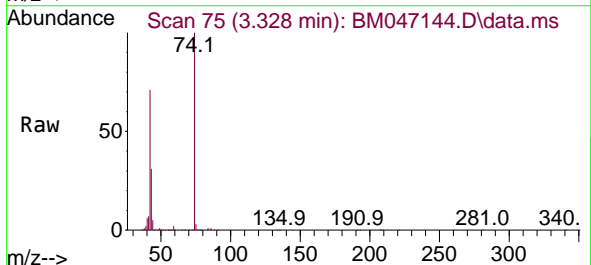
Ion	Ratio	Lower	Upper
79	100		
52	64.0	51.2	76.8
51	32.6	26.1	39.1

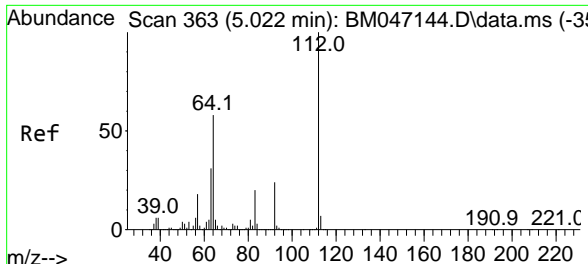


#4
 n-Nitrosodimethylamine
 Concen: 38.367 ng
 RT: 3.328 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion: 42 Resp: 391342

Ion	Ratio	Lower	Upper
42	100		
74	141.1	112.9	169.3
44	6.6	5.3	7.9



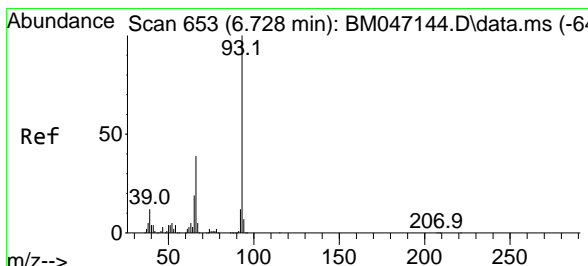
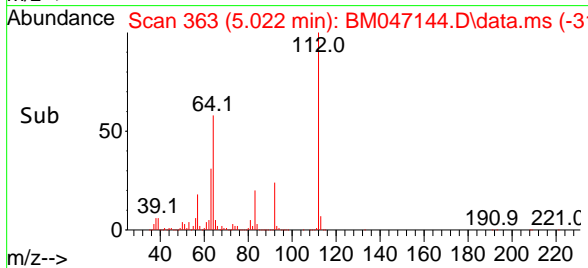
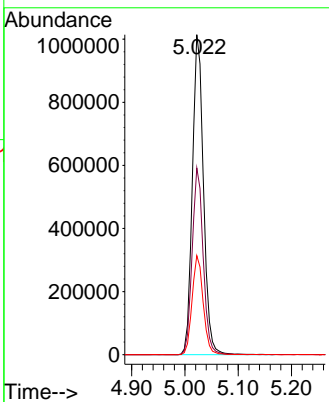
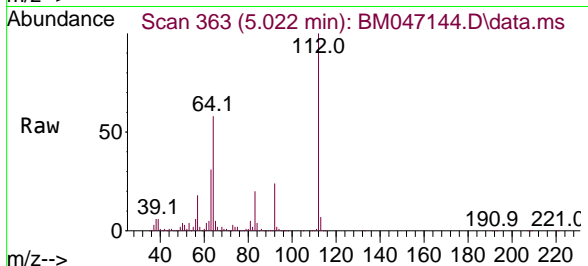


#5
 2-Fluorophenol
 Concen: 76.564 ng
 RT: 5.022 min Scan# 363
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion: 112 Resp: 1471191

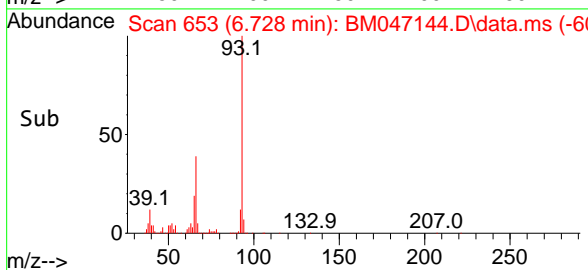
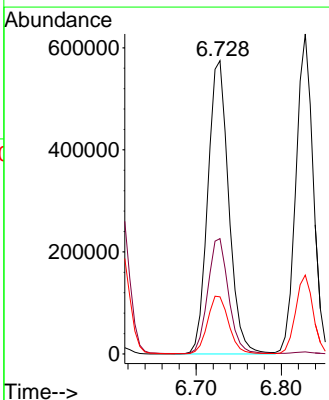
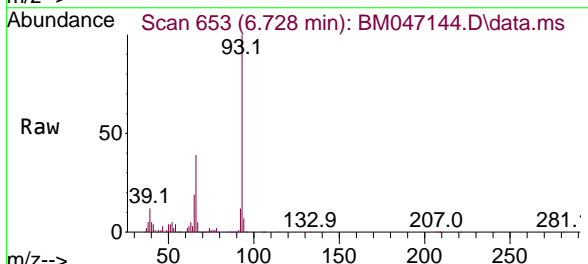
Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.7	70.1
63	31.0	24.8	37.2

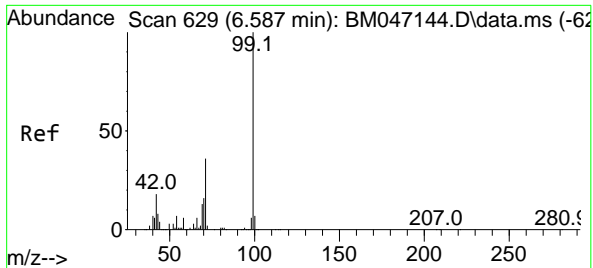


#6
 Aniline
 Concen: 39.189 ng
 RT: 6.728 min Scan# 653
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion: 93 Resp: 980743

Ion	Ratio	Lower	Upper
93	100		
66	39.3	31.4	47.2
65	19.5	15.6	23.4



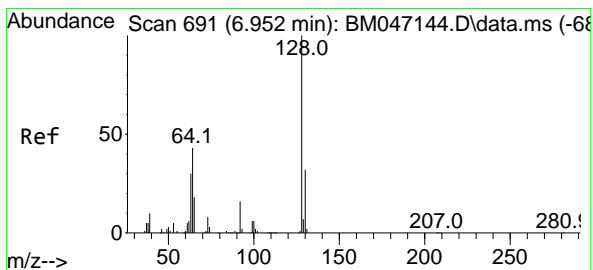
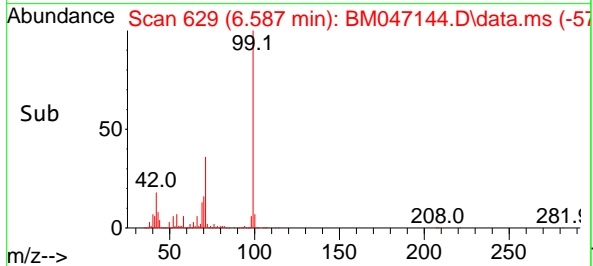
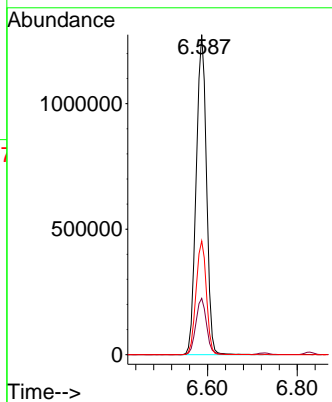
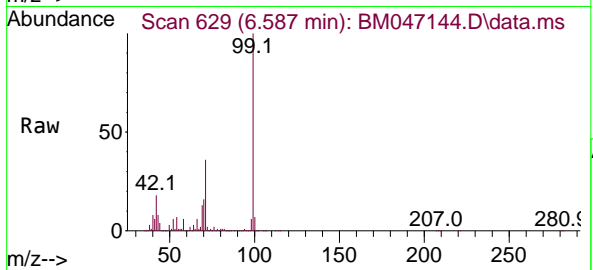


#7
Phenol-d6
Concen: 76.657 ng
RT: 6.587 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM047144.D
Acq: 10 Aug 2024 15:51

Instrument : BNA_M
Client Sample Id : BM047144.D
SSTDICCC040

Tgt Ion: 99 Resp: 2029645

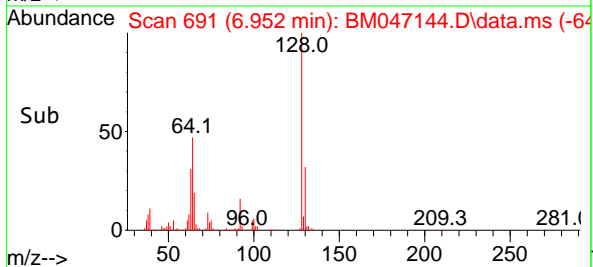
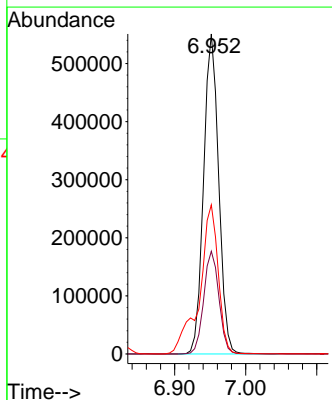
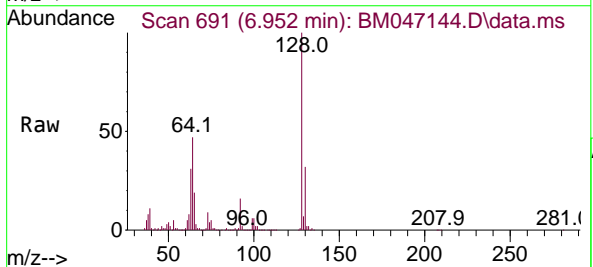
Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.1	21.1
71	35.6	28.5	42.7

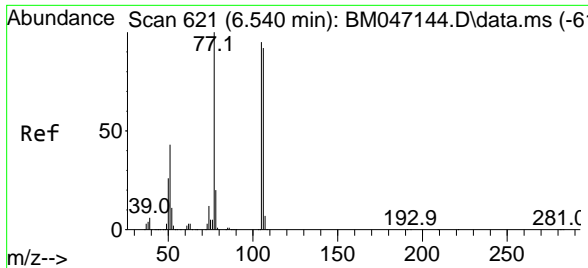


#8
2-Chlorophenol
Concen: 38.816 ng
RT: 6.952 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM047144.D
Acq: 10 Aug 2024 15:51

Tgt Ion: 128 Resp: 813486

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.1	52.1
64	46.6	26.6	66.6



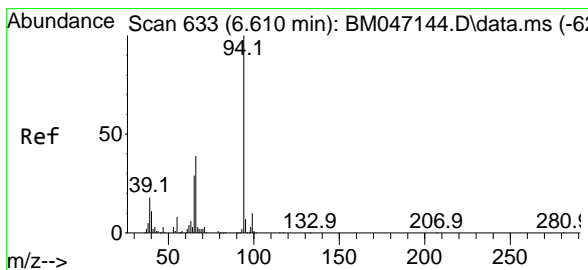
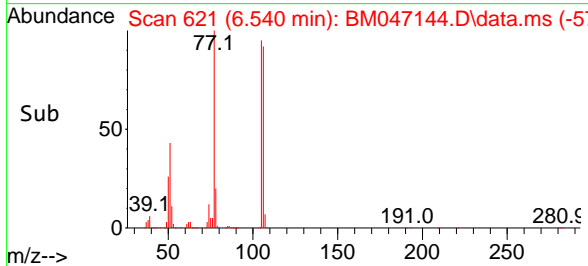
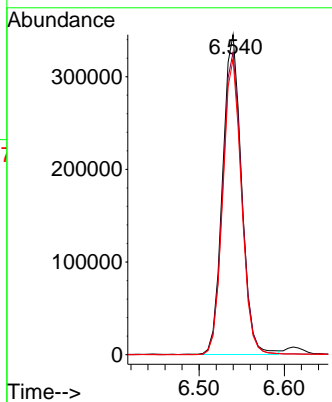
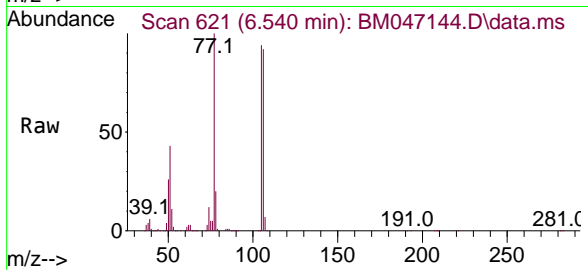


#9
 Benzaldehyde
 Concen: 37.348 ng
 RT: 6.540 min Scan# 610
 Delta R.T. -0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion: 77 Resp: 532876

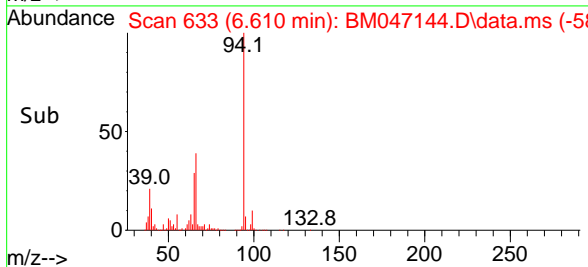
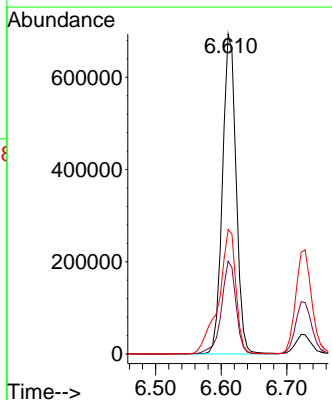
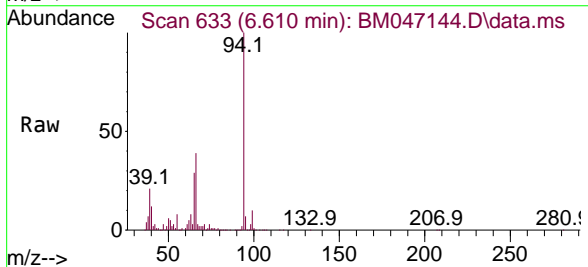
Ion	Ratio	Lower	Upper
77	100		
105	94.5	74.5	114.5
106	92.3	72.3	112.3

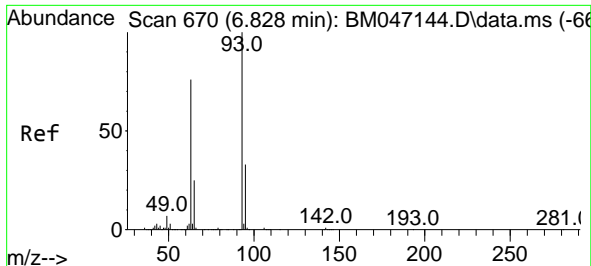


#10
 Phenol
 Concen: 37.765 ng
 RT: 6.610 min Scan# 633
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion: 94 Resp: 997737

Ion	Ratio	Lower	Upper
94	100		
65	29.0	9.0	49.0
66	38.9	18.9	58.9



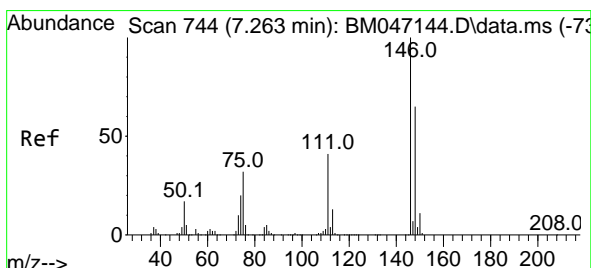
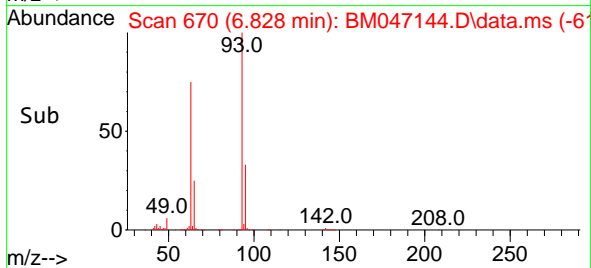
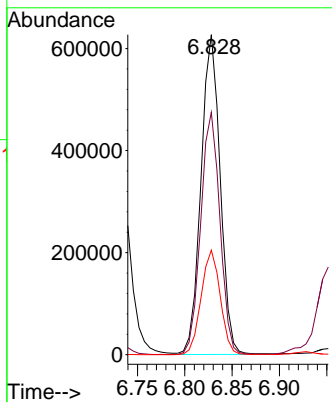
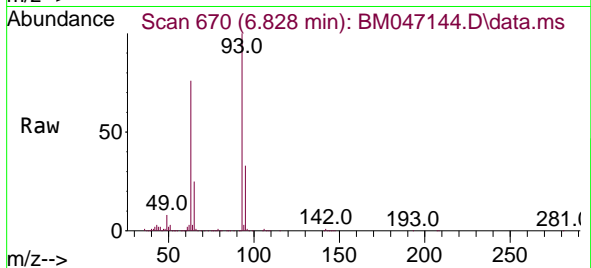


#11
 bis(2-Chloroethyl)ether
 Concen: 38.943 ng
 RT: 6.828 min Scan# 670
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Tgt Ion: 93 Resp: 881082

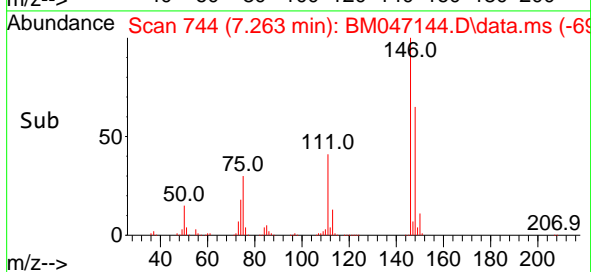
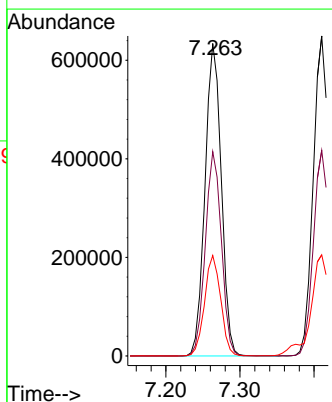
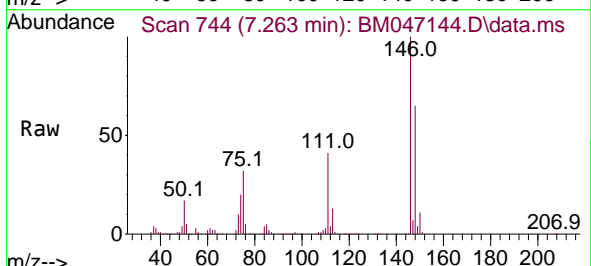
Ion	Ratio	Lower	Upper
93	100		
63	75.8	55.8	95.8
95	32.7	12.7	52.7

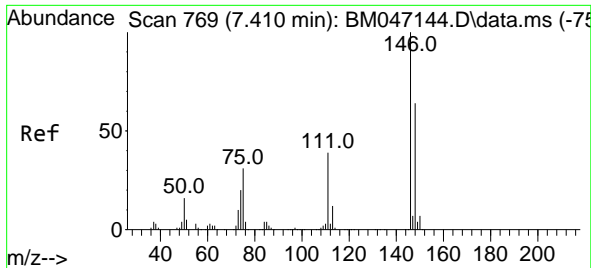


#12
 1,3-Dichlorobenzene
 Concen: 38.813 ng
 RT: 7.263 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion: 146 Resp: 966606

Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.3	78.5
75	32.2	25.8	38.6

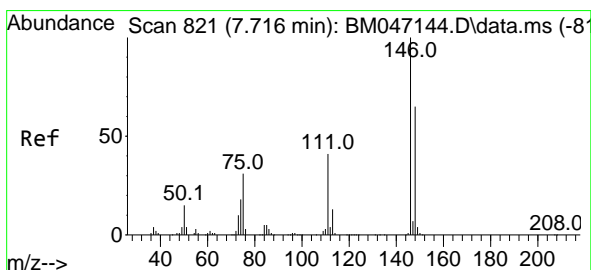
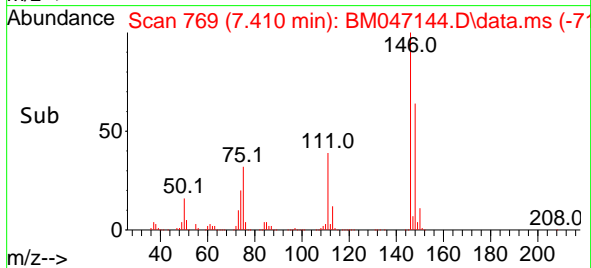
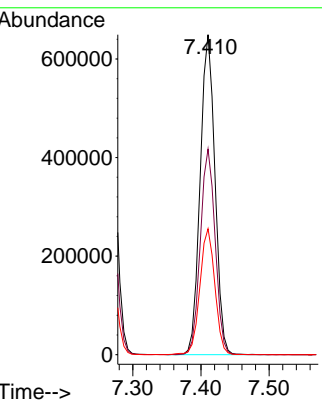
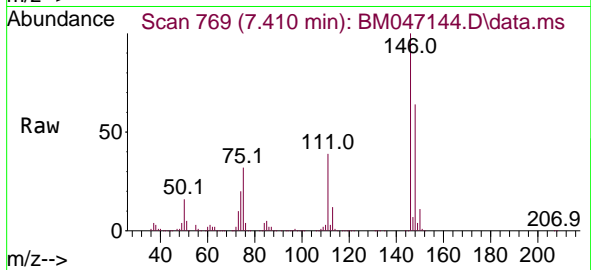




#13
 1,4-Dichlorobenzene
 Concen: 38.912 ng
 RT: 7.410 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

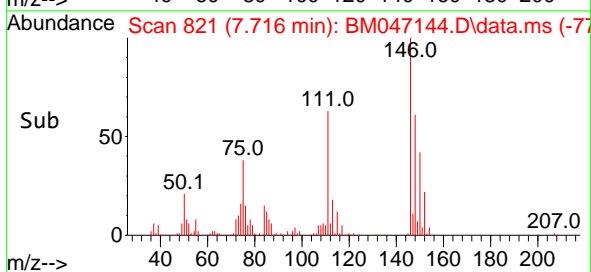
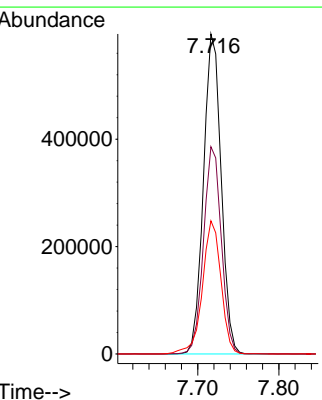
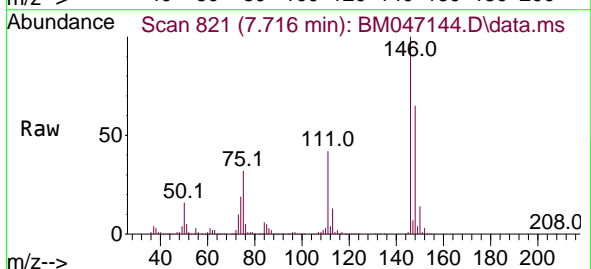
Instrument : BNA_M
 ClientSampleId : SSTDICCC040

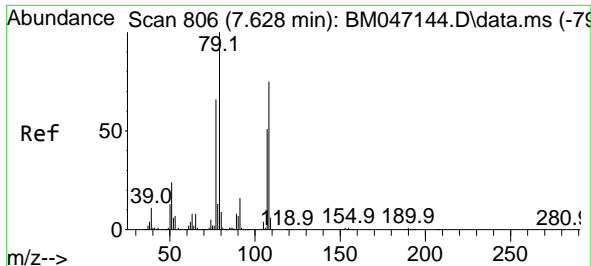
Tgt Ion	Resp	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	39.4	31.5	47.3



#14
 1,2-Dichlorobenzene
 Concen: 37.935 ng
 RT: 7.716 min Scan# 821
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion	Resp	Lower	Upper
146	100		
148	64.8	51.8	77.8
111	41.6	33.3	49.9



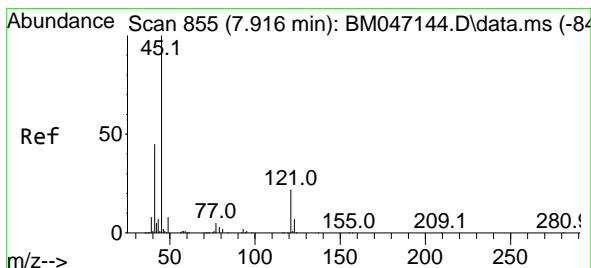
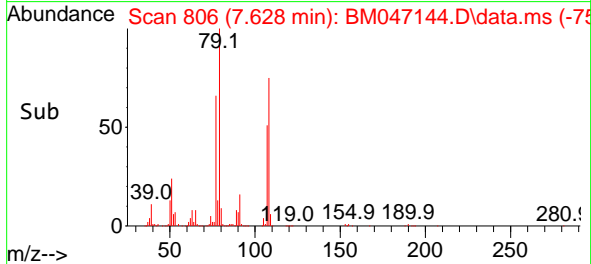
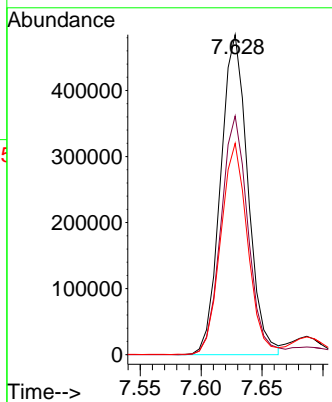
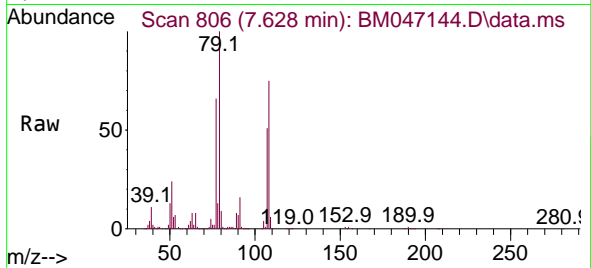


#15
 Benzyl Alcohol
 Concen: 40.023 ng
 RT: 7.628 min Scan# 806
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Tgt Ion: 79 Resp: 754177

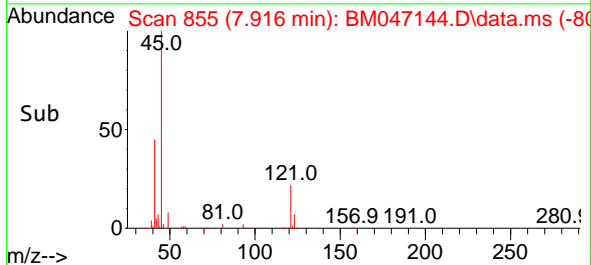
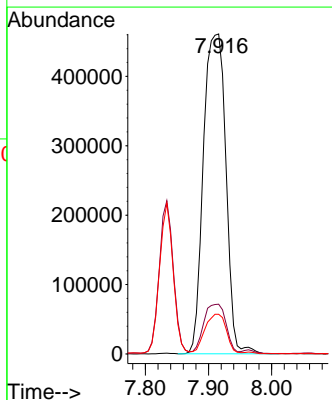
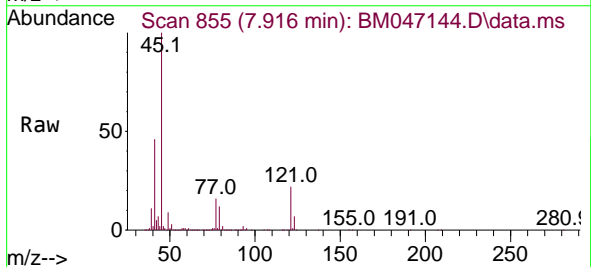
Ion	Ratio	Lower	Upper
79	100		
108	74.6	59.7	89.5
77	66.1	52.9	79.3

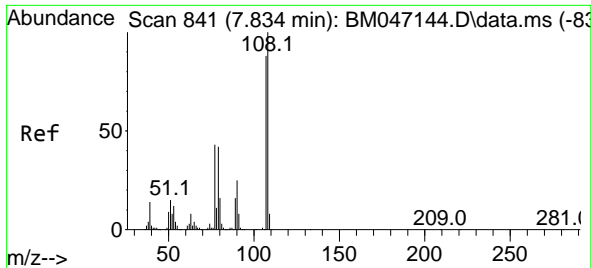


#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 39.195 ng
 RT: 7.916 min Scan# 855
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion: 45 Resp: 1139263

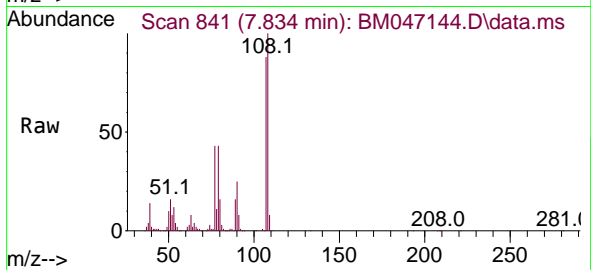
Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	35.6
79	12.4	0.0	32.4





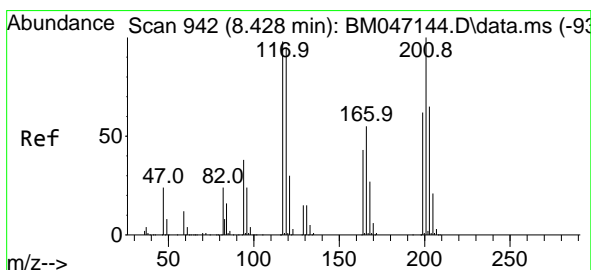
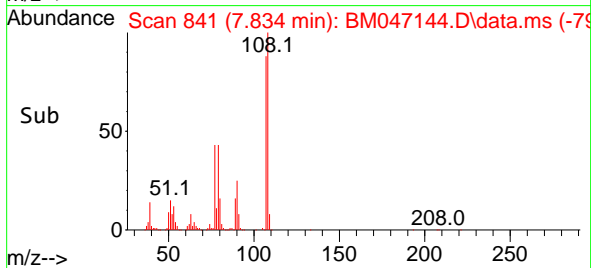
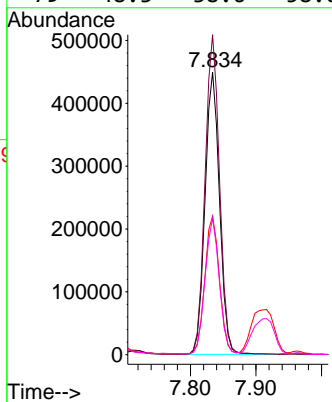
#17
 2-Methylphenol
 Concen: 39.076 ng
 RT: 7.834 min Scan# 841
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040



Tgt Ion:107 Resp: 688729

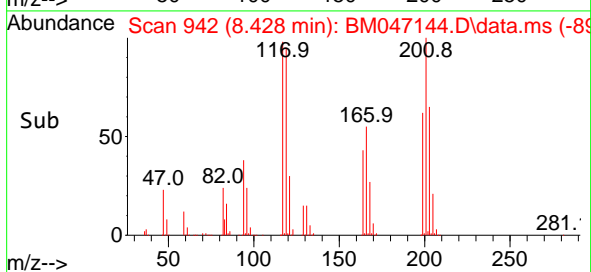
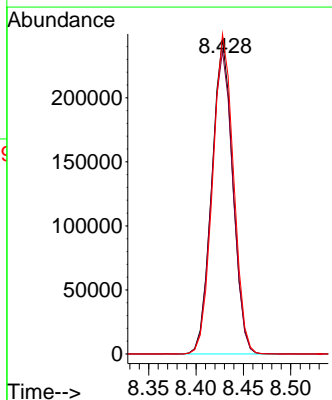
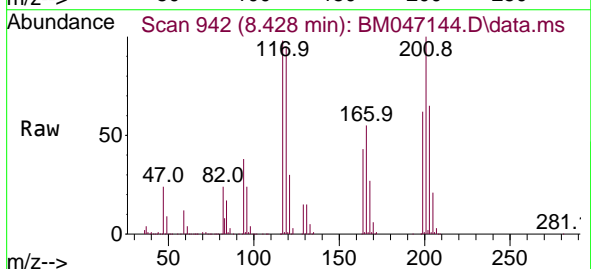
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.6	135.8
77	49.1	39.3	58.9
79	48.3	38.6	58.0

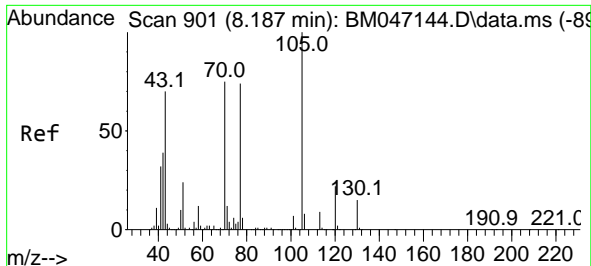


#18
 Hexachloroethane
 Concen: 38.722 ng
 RT: 8.428 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:117 Resp: 378211

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.4
201	101.6	81.3	121.9



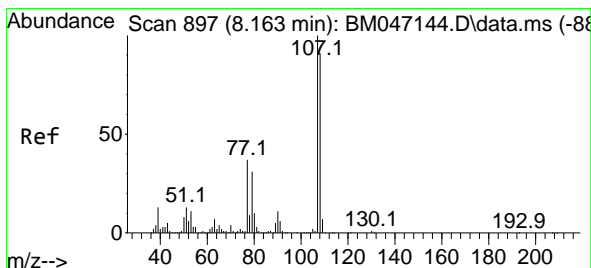
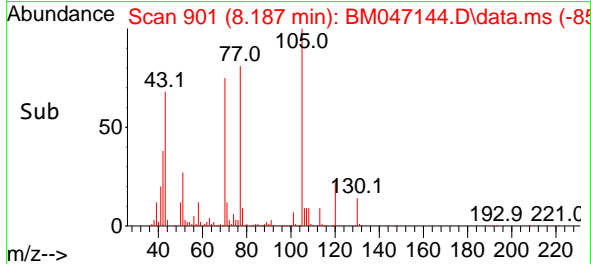
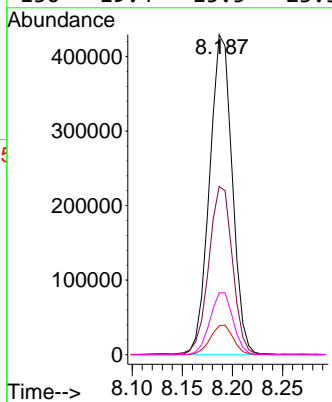
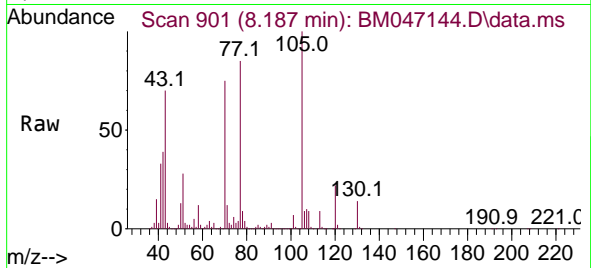


#19
 n-Nitroso-di-n-propylamine
 Concen: 37.795 ng
 RT: 8.187 min Scan# 901
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Tgt Ion: 70 Resp: 674051

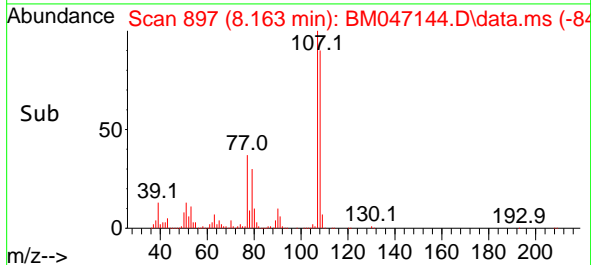
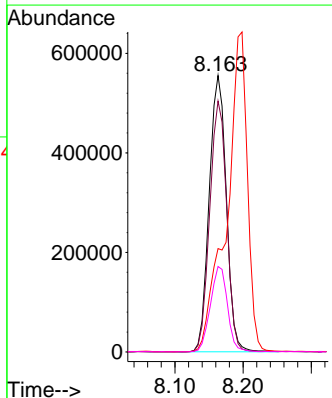
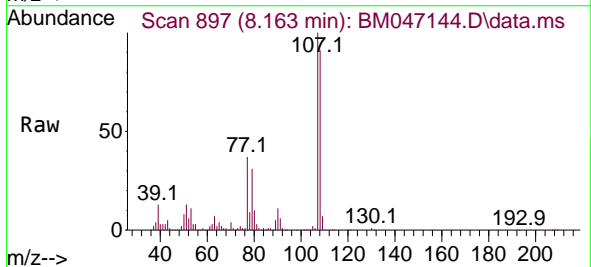
Ion	Ratio	Lower	Upper
70	100		
42	52.5	42.0	63.0
101	9.0	7.2	10.8
130	19.4	15.5	23.3

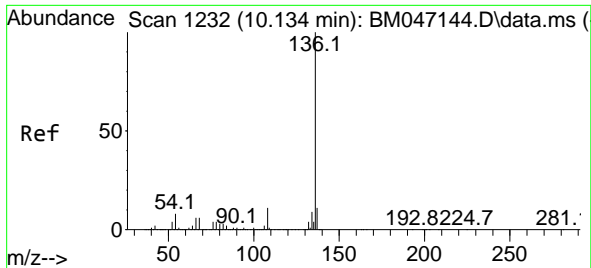


#20
 3+4-Methylphenols
 Concen: 39.329 ng
 RT: 8.163 min Scan# 897
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion: 107 Resp: 969100

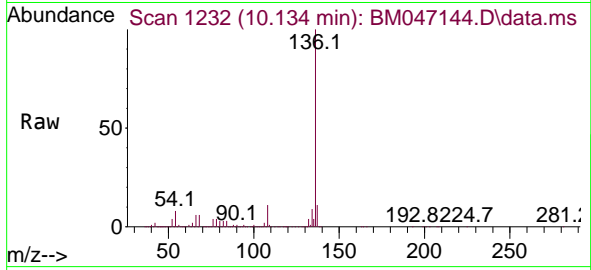
Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.7	110.7
77	37.4	17.4	57.4
79	30.9	10.9	50.9





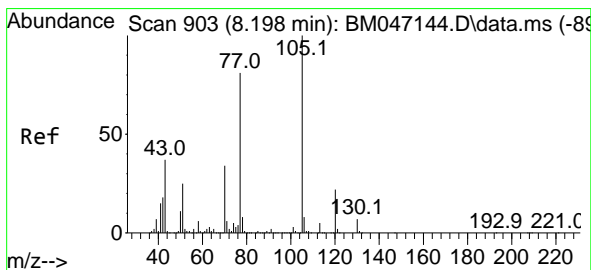
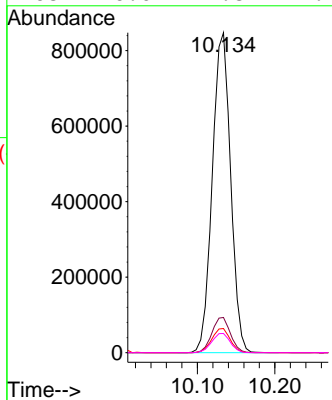
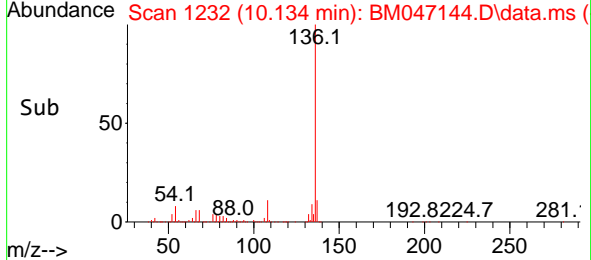
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.134 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

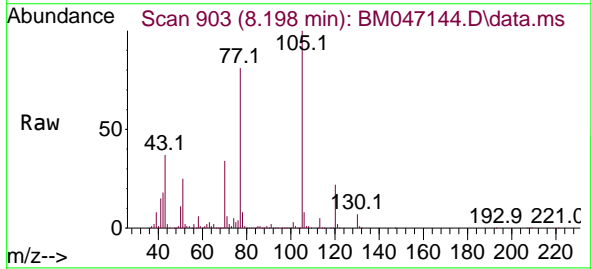


Tgt Ion:136 Resp: 1387685

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.5	6.0	9.0
68	6.0	4.8	7.2

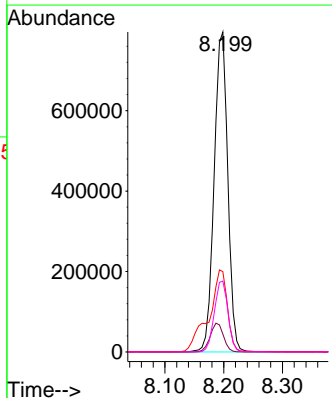
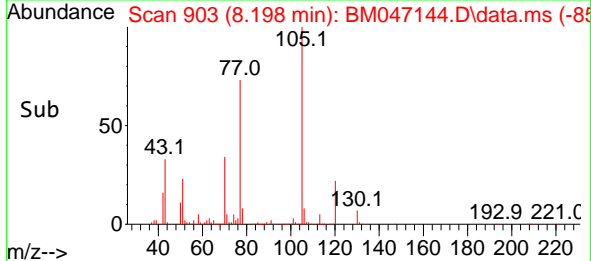


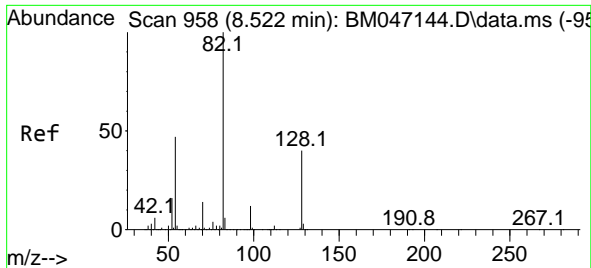
#22
 Acetophenone
 Concen: 38.307 ng
 RT: 8.198 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51



Tgt Ion:105 Resp: 1283137

Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.5	6.7
51	25.1	20.1	30.1
120	22.2	17.8	26.6



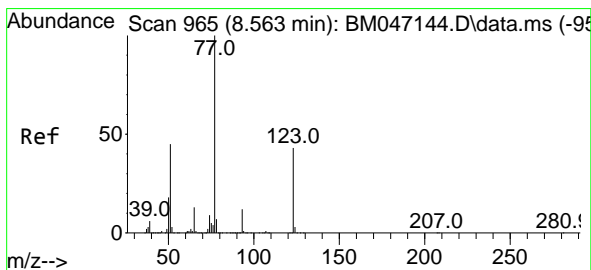
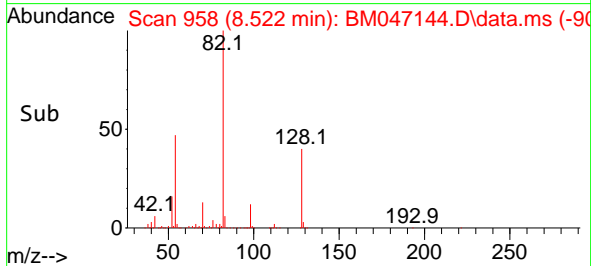
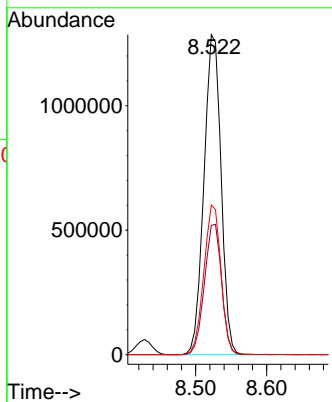
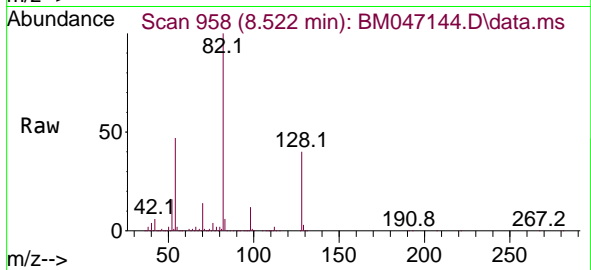


#23
 Nitrobenzene-d5
 Concen: 78.454 ng
 RT: 8.522 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Tgt Ion: 82 Resp: 2162113

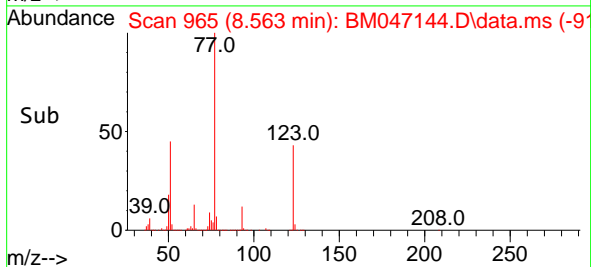
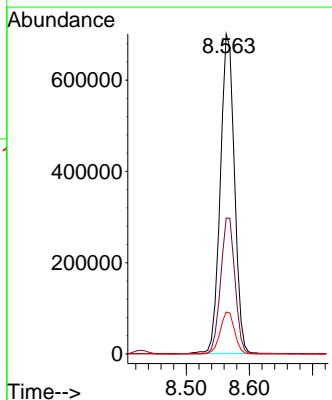
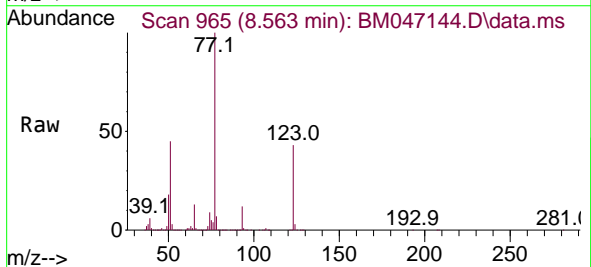
Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.3	48.5
54	46.8	37.4	56.2

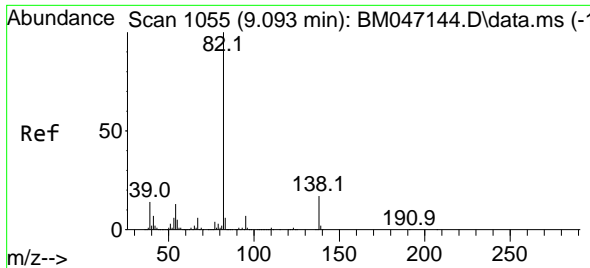


#24
 Nitrobenzene
 Concen: 39.350 ng
 RT: 8.563 min Scan# 965
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion: 77 Resp: 1091975

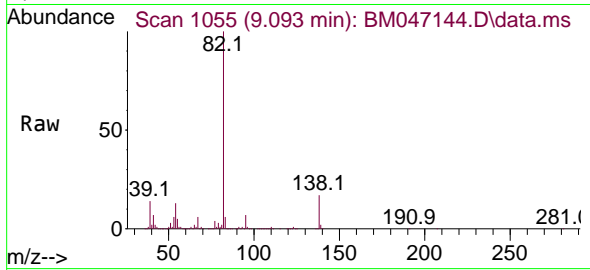
Ion	Ratio	Lower	Upper
77	100		
123	42.5	34.0	51.0
65	13.1	10.5	15.7





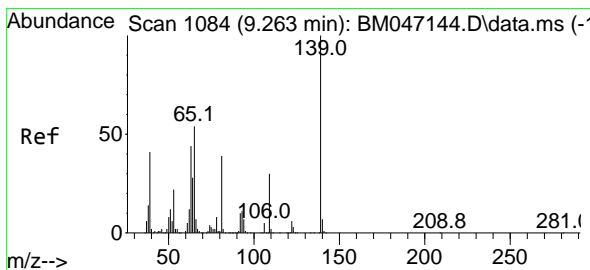
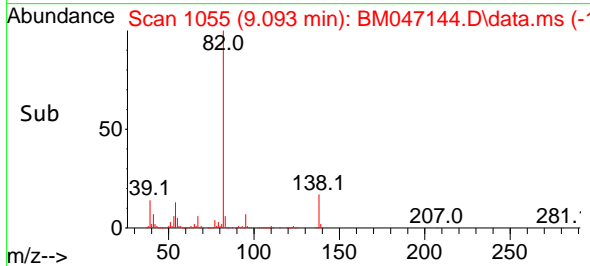
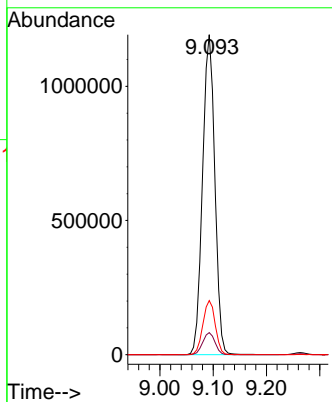
#25
 Isophorone
 Concen: 39.785 ng
 RT: 9.093 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040



Tgt Ion: 82 Resp: 1909053

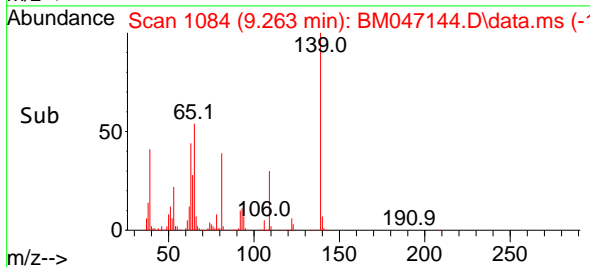
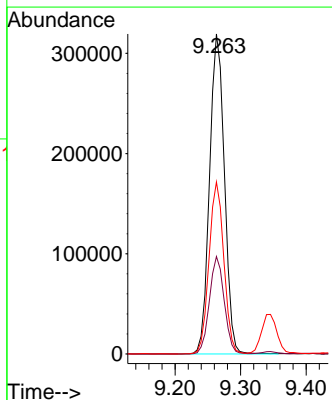
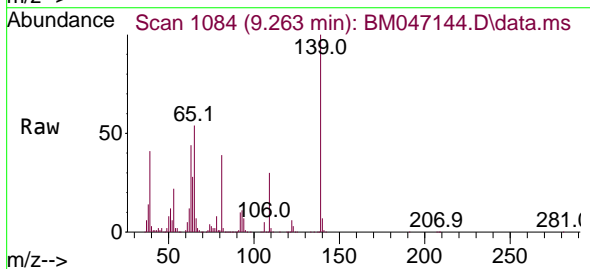
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	16.9	13.5	20.3

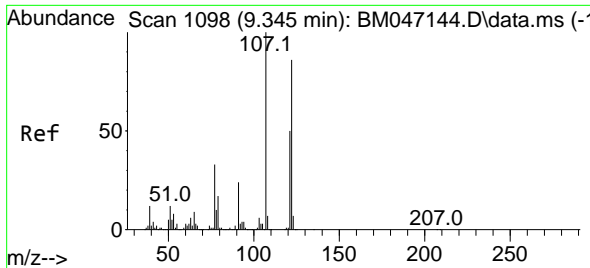


#26
 2-Nitrophenol
 Concen: 41.011 ng
 RT: 9.263 min Scan# 1084
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion: 139 Resp: 504016

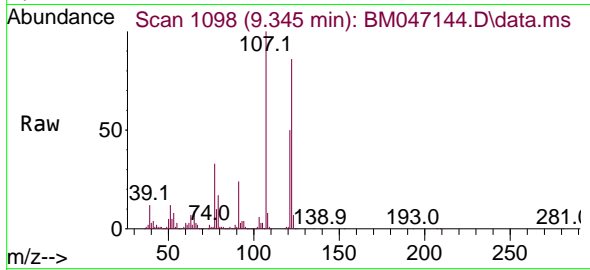
Ion	Ratio	Lower	Upper
139	100		
109	30.5	24.4	36.6
65	53.8	43.0	64.6





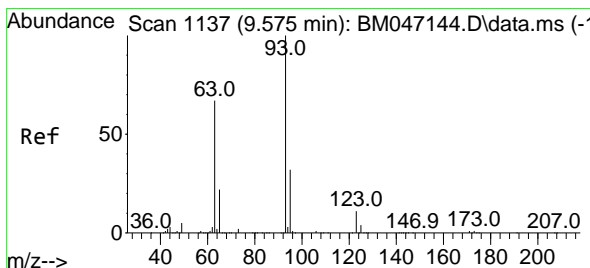
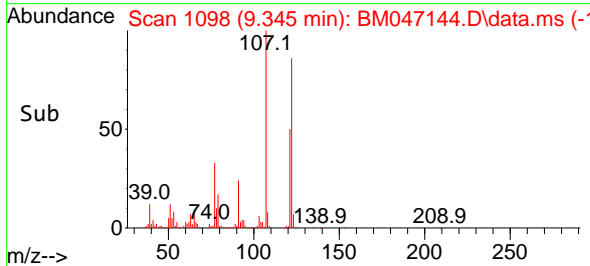
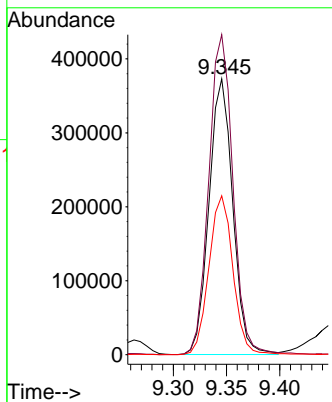
#27
 2,4-Dimethylphenol
 Concen: 40.278 ng
 RT: 9.345 min Scan# 1098
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040



Tgt Ion: 122 Resp: 579838

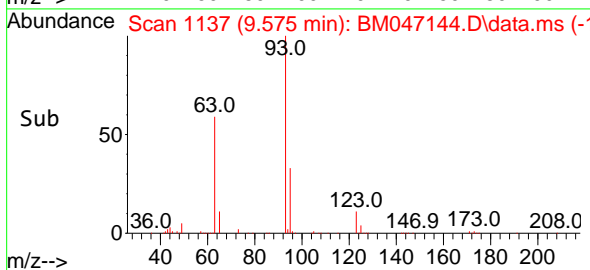
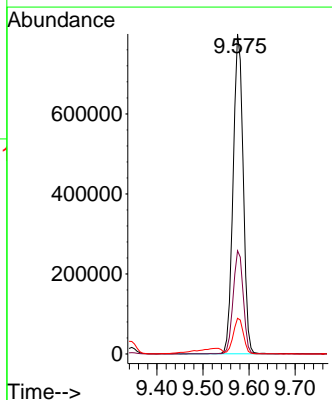
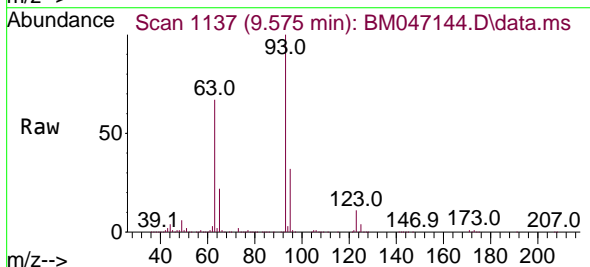
Ion	Ratio	Lower	Upper
122	100		
107	116.0	92.8	139.2
121	57.6	46.1	69.1

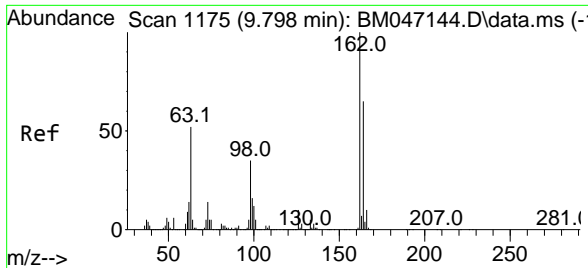


#28
 bis(2-Chloroethoxy)methane
 Concen: 40.013 ng
 RT: 9.575 min Scan# 1137
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion: 93 Resp: 1208106

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.8
123	11.2	9.0	13.4



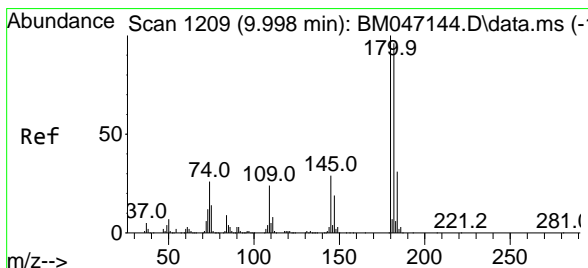
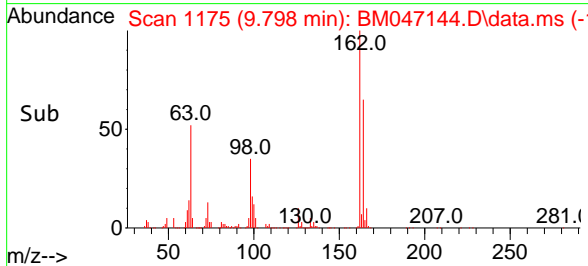
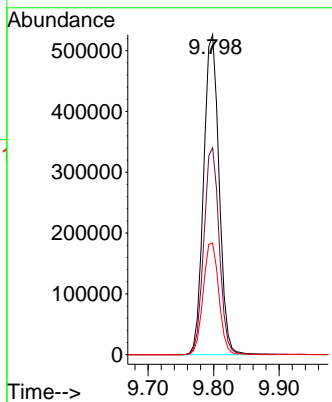
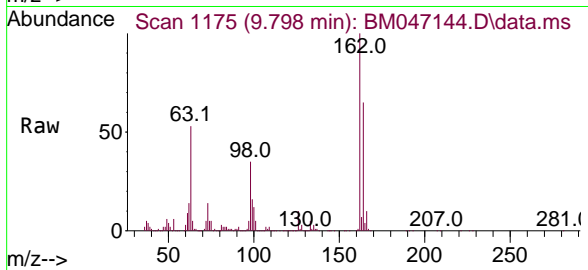


#29
 2,4-Dichlorophenol
 Concen: 40.518 ng
 RT: 9.798 min Scan# 1175
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion:162 Resp: 865465

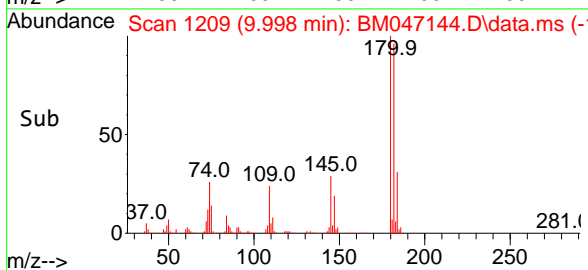
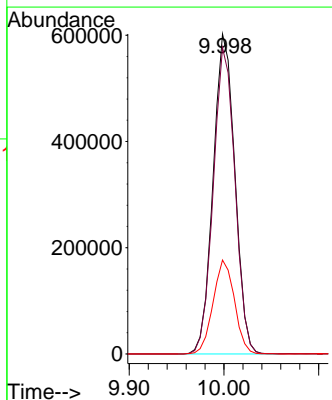
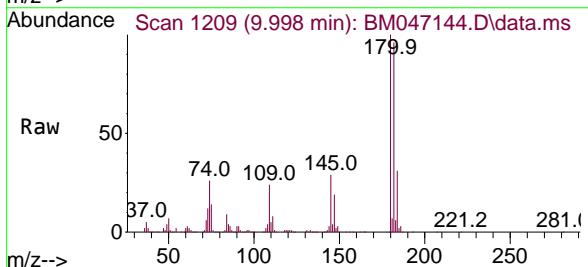
Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.7	84.7
98	34.9	14.9	54.9

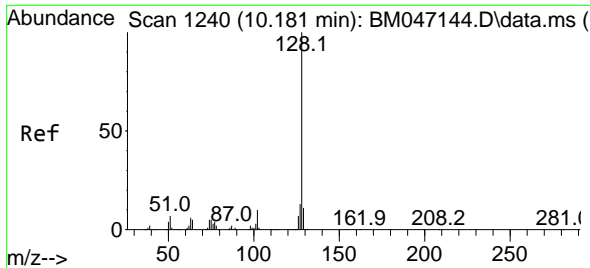


#30
 1,2,4-Trichlorobenzene
 Concen: 39.749 ng
 RT: 9.998 min Scan# 1209
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:180 Resp: 960853

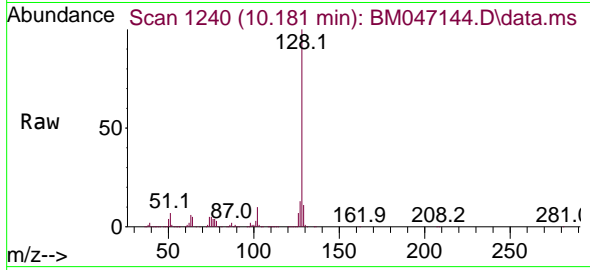
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.6	115.0
145	29.3	23.4	35.2



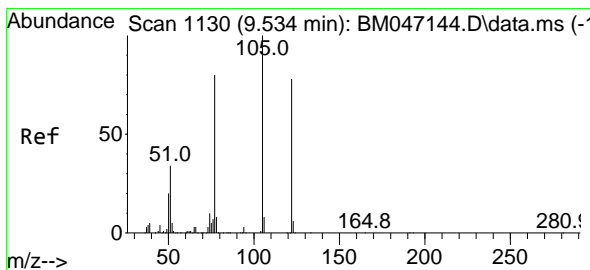
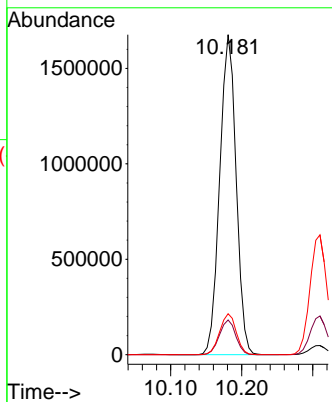
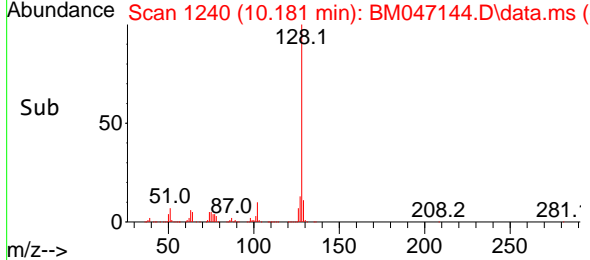


#31
 Naphthalene
 Concen: 38.782 ng
 RT: 10.181 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

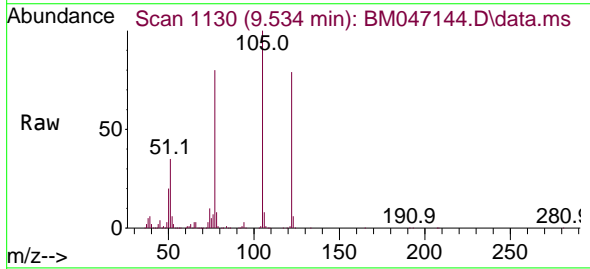
Instrument : BNA_M
 ClientSampleId : SSTDICCC040



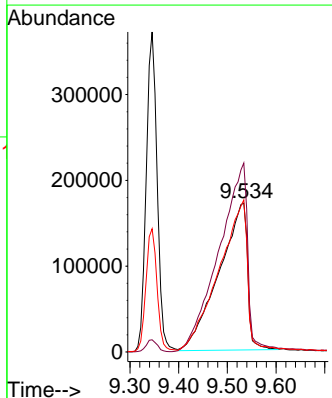
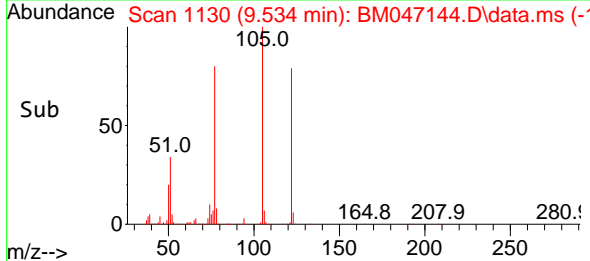
Tgt Ion:128 Resp: 2680978
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.6 13.0
 127 12.8 10.2 15.4

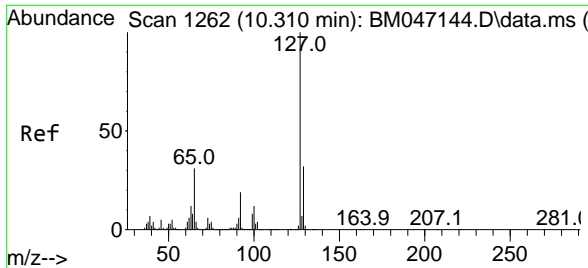


#32
 Benzoic acid
 Concen: 41.337 ng
 RT: 9.534 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51



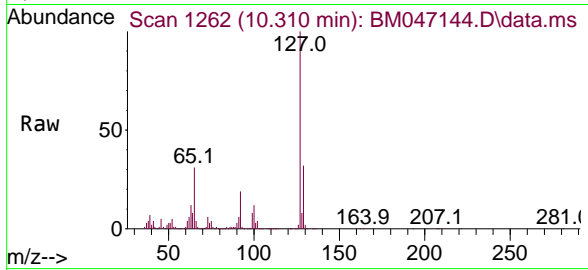
Tgt Ion:122 Resp: 695240
 Ion Ratio Lower Upper
 122 100
 105 127.1 107.1 147.1
 77 102.1 82.1 122.1





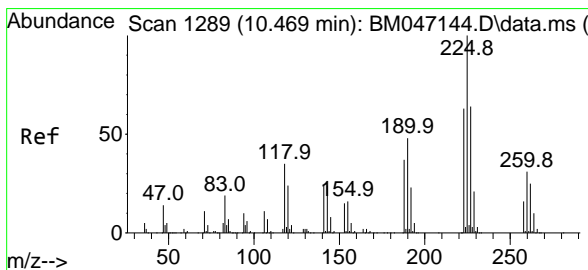
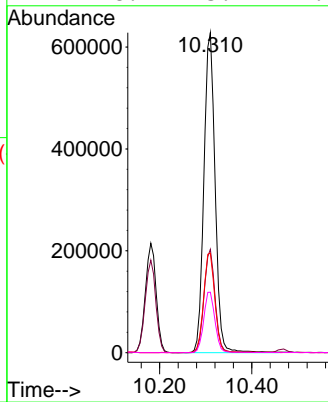
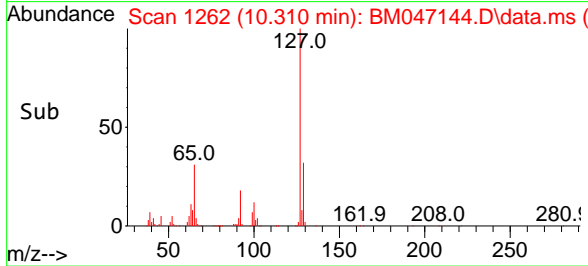
#33
 4-Chloroaniline
 Concen: 40.238 ng
 RT: 10.310 min Scan# 1262
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

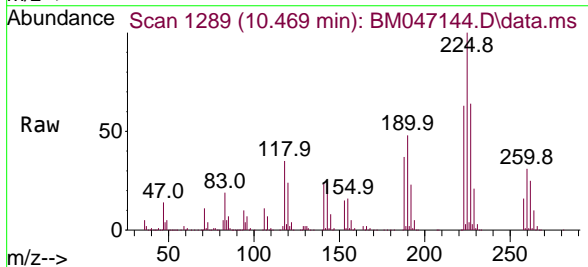


Tgt Ion:127 Resp: 1069700

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	31.1	24.9	37.3
92	18.9	15.1	22.7

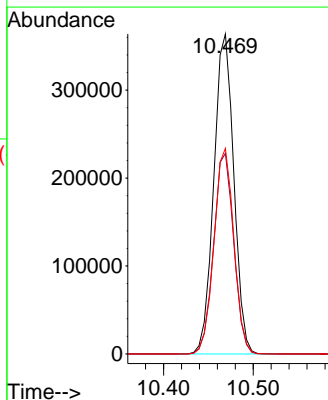
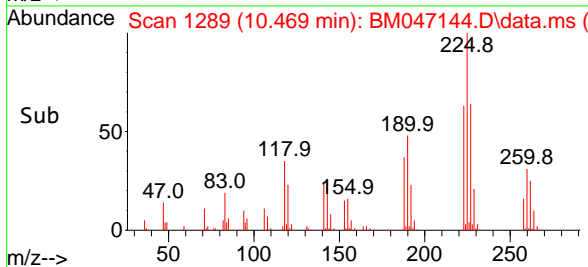


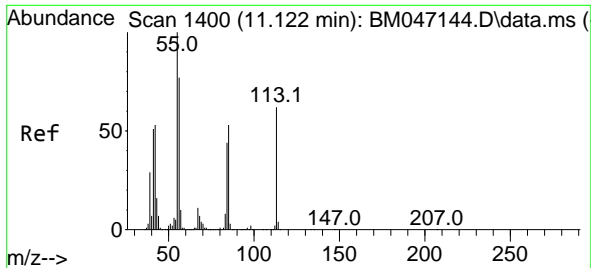
#34
 Hexachlorobutadiene
 Concen: 39.737 ng
 RT: 10.469 min Scan# 1289
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51



Tgt Ion:225 Resp: 562225

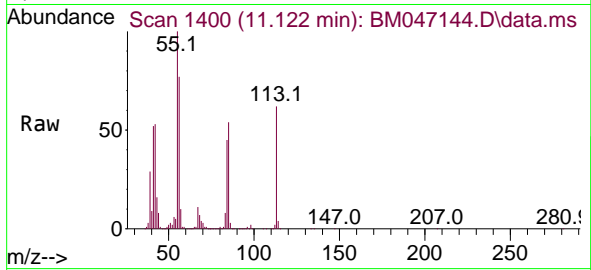
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	64.2	51.4	77.0



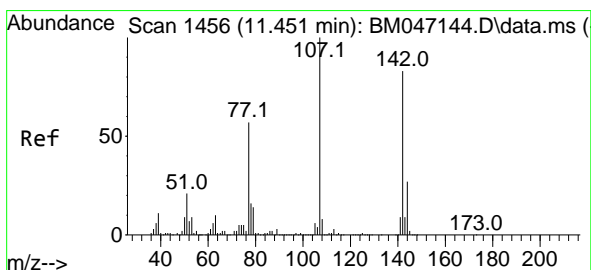
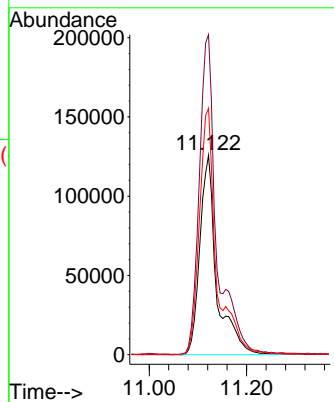
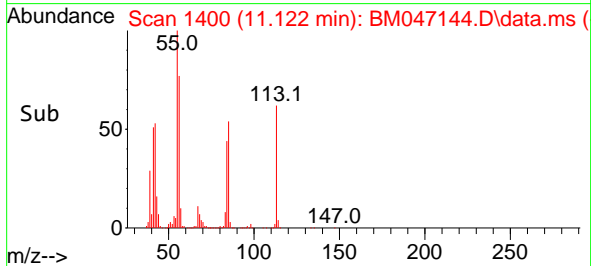


#35
 Caprolactam
 Concen: 40.875 ng
 RT: 11.122 min Scan# 1400
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

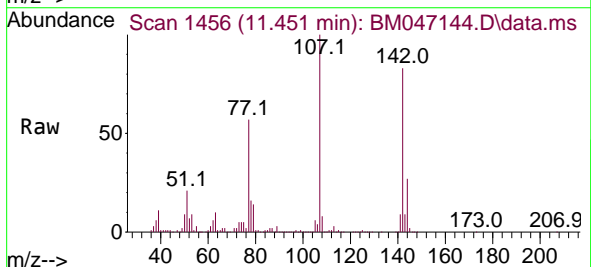
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040



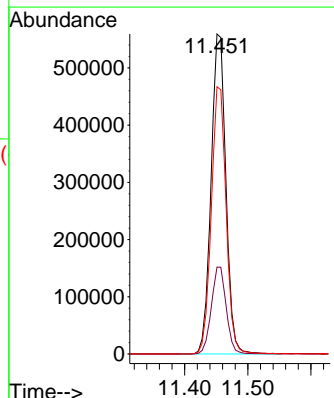
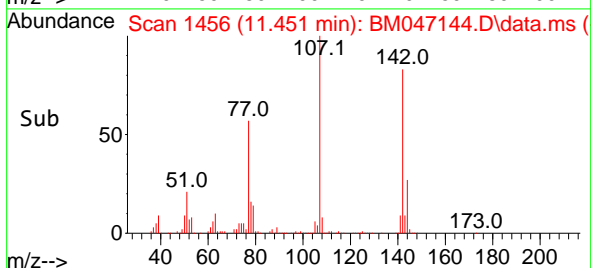
Tgt Ion:113 Resp: 303209
 Ion Ratio Lower Upper
 113 100
 55 160.5 140.5 180.5
 56 123.6 103.6 143.6

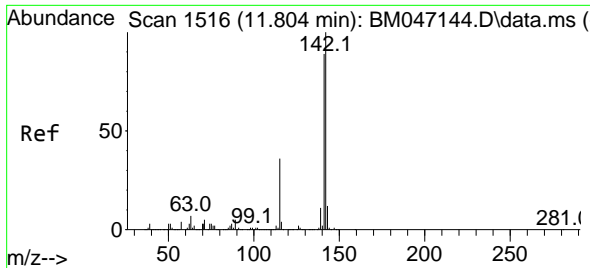


#36
 4-Chloro-3-methylphenol
 Concen: 39.998 ng
 RT: 11.451 min Scan# 1456
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51



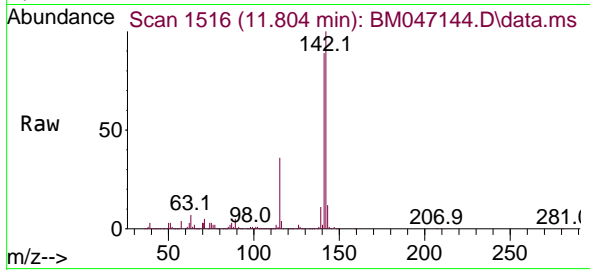
Tgt Ion:107 Resp: 909901
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.8 32.6
 142 83.5 66.8 100.2





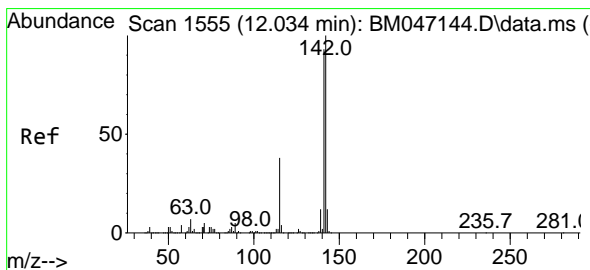
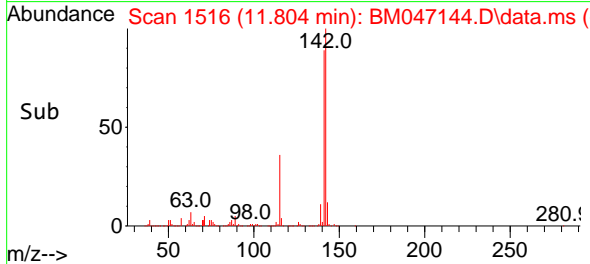
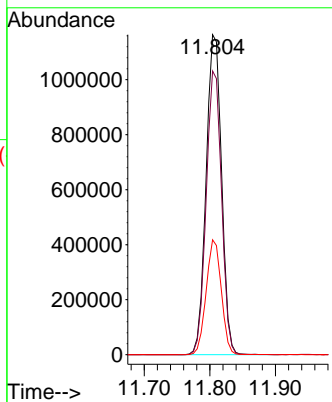
#37
 2-Methylnaphthalene
 Concen: 38.853 ng
 RT: 11.804 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040



Tgt Ion:142 Resp: 1912342

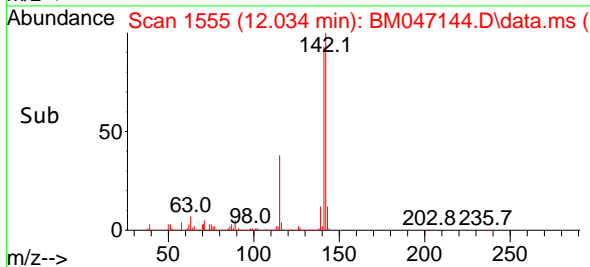
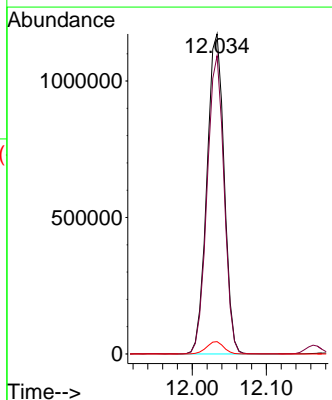
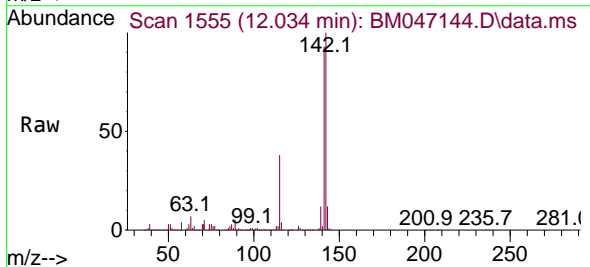
Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3
115	35.9	28.7	43.1

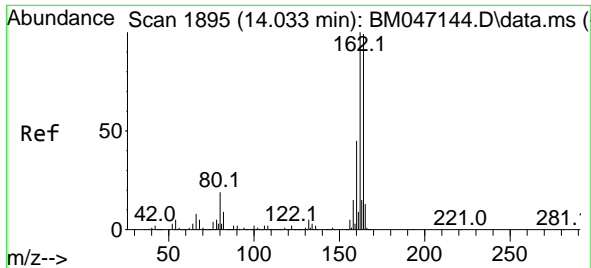


#38
 1-Methylnaphthalene
 Concen: 38.861 ng
 RT: 12.034 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:142 Resp: 1890364

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.6	111.8
116	3.9	3.1	4.7



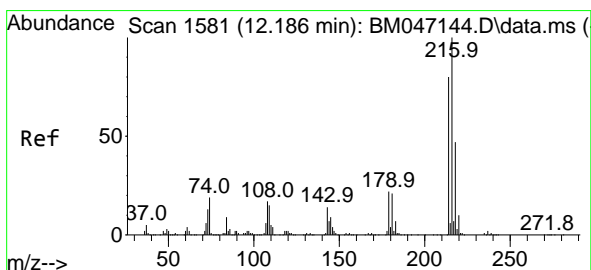
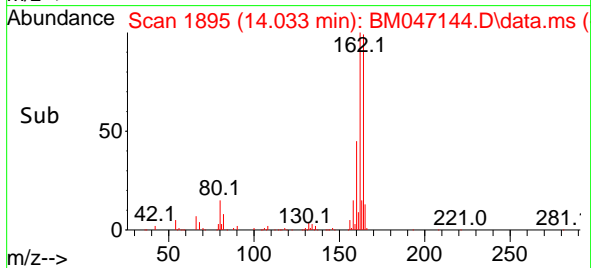
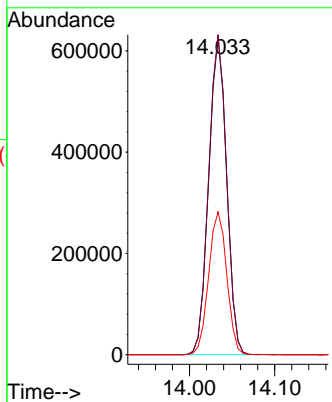
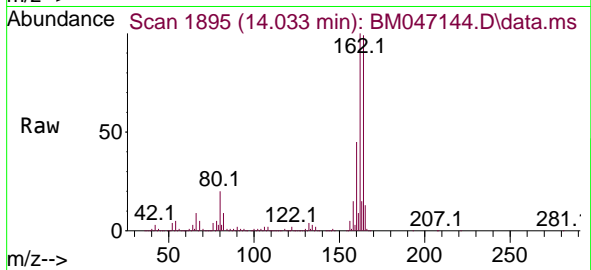


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.033 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion:164 Resp: 915049

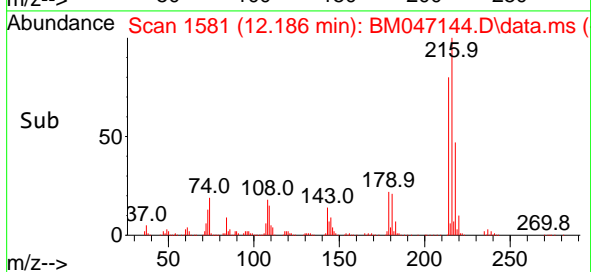
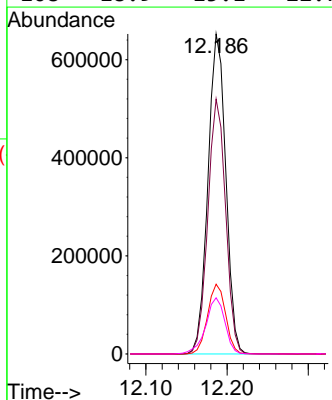
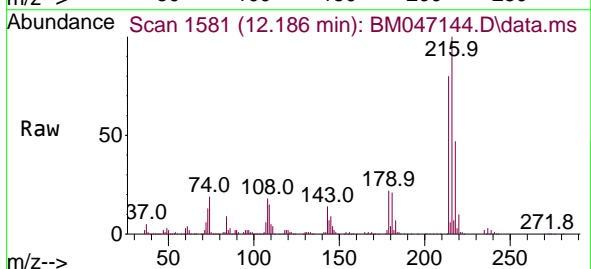
Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.7	121.1
160	45.0	36.0	54.0

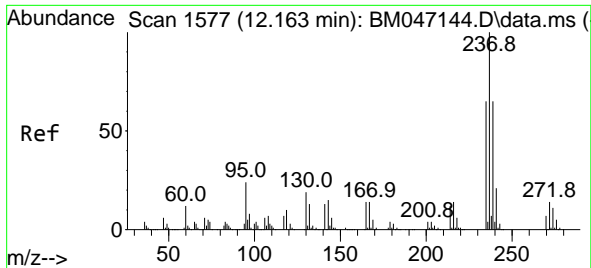


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.833 ng
 RT: 12.186 min Scan# 1581
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:216 Resp: 994174

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.2
179	22.0	17.6	26.4
108	18.9	15.1	22.7



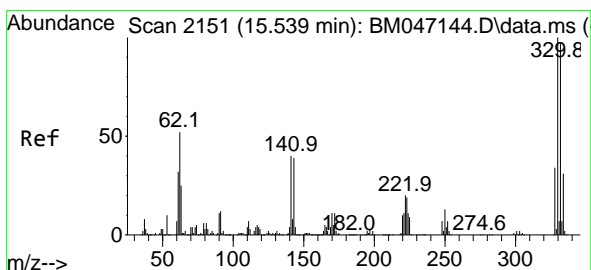
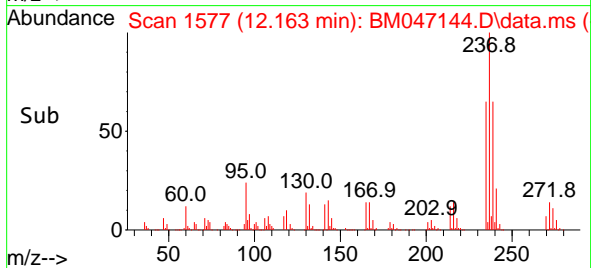
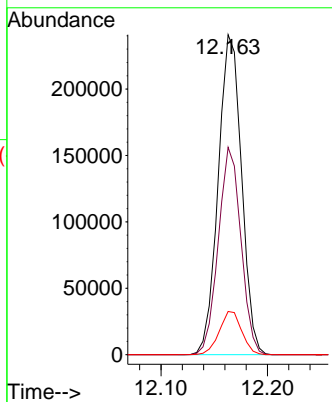
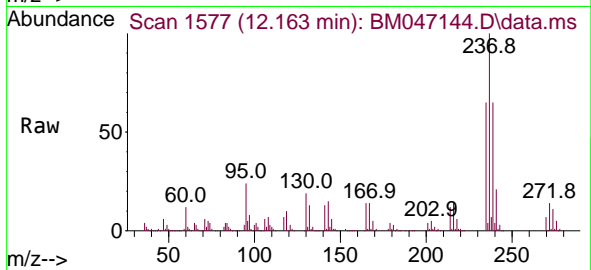


#41
 Hexachlorocyclopentadiene
 Concen: 42.071 ng
 RT: 12.163 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Tgt Ion:237 Resp: 366656

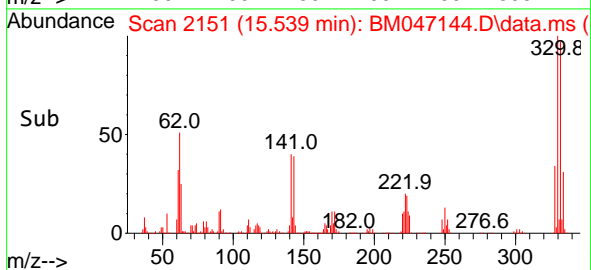
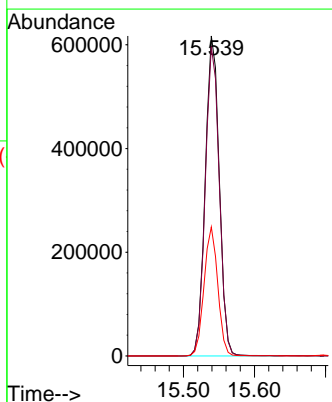
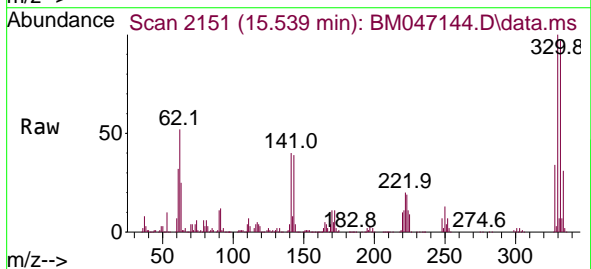
Ion	Ratio	Lower	Upper
237	100		
235	64.8	44.8	84.8
272	13.5	0.0	33.5

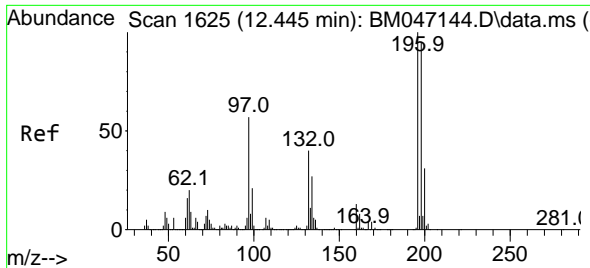


#42
 2,4,6-Tribromophenol
 Concen: 79.913 ng
 RT: 15.539 min Scan# 2151
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:330 Resp: 847891

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	39.5	31.6	47.4



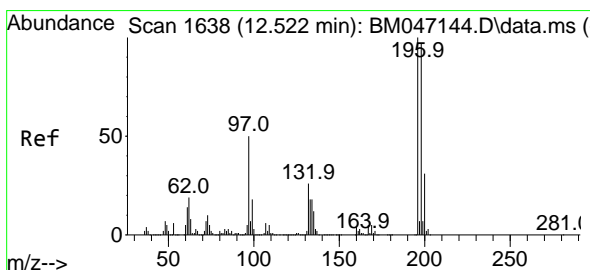
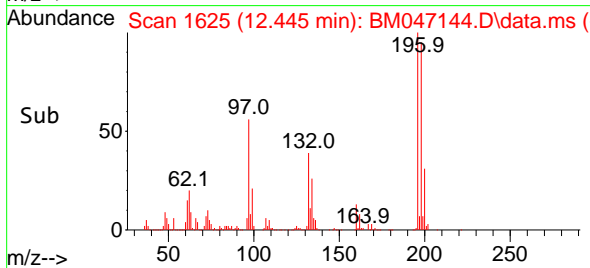
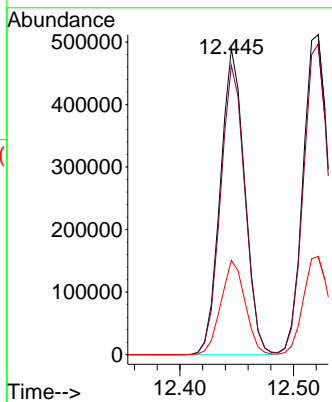
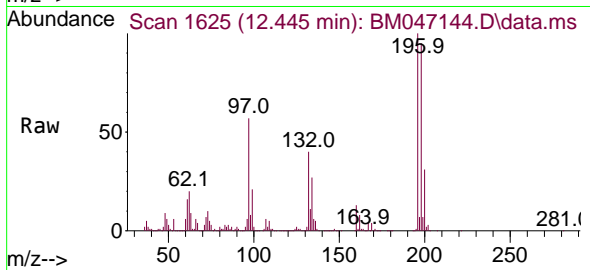


#43
 2,4,6-Trichlorophenol
 Concen: 41.176 ng
 RT: 12.445 min Scan# 1625
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion:196 Resp: 730450

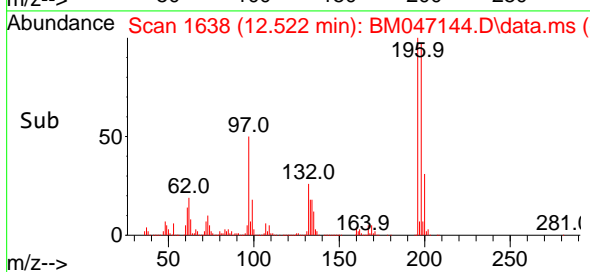
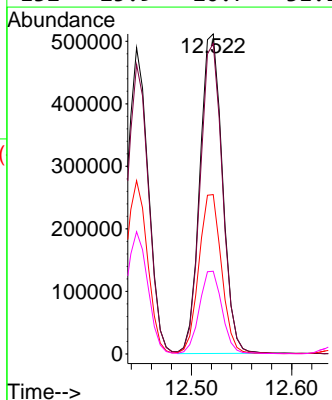
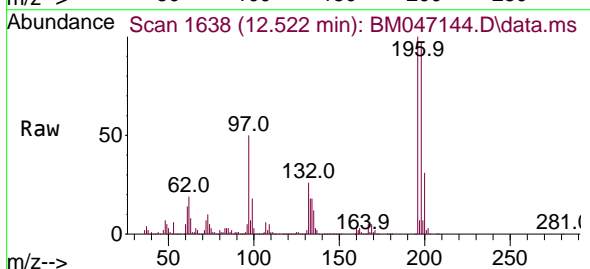
Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.6	113.4
200	30.8	24.6	37.0

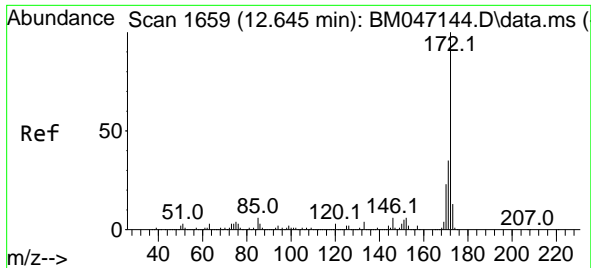


#44
 2,4,5-Trichlorophenol
 Concen: 40.628 ng
 RT: 12.522 min Scan# 1638
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:196 Resp: 800233

Ion	Ratio	Lower	Upper
196	100		
198	97.1	77.7	116.5
97	49.8	39.8	59.8
132	25.9	20.7	31.1



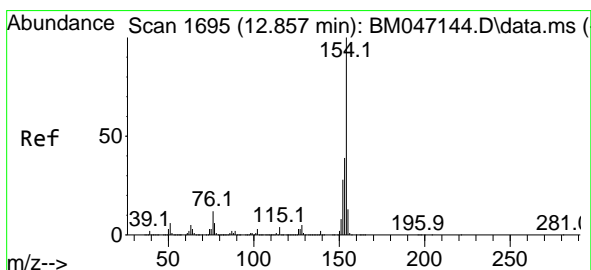
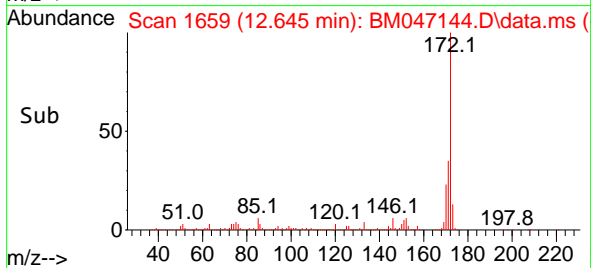
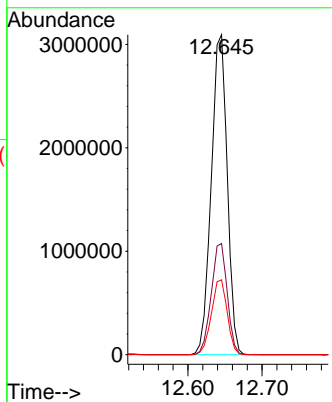
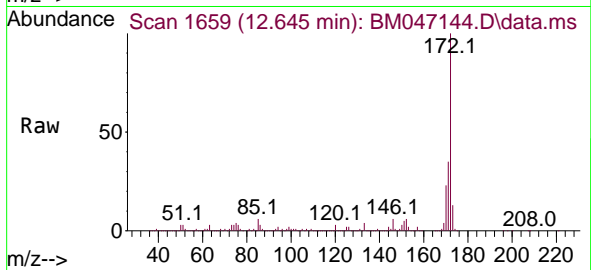


#45
 2-Fluorobiphenyl
 Concen: 78.021 ng
 RT: 12.645 min Scan# 1659
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion:172 Resp: 4628326

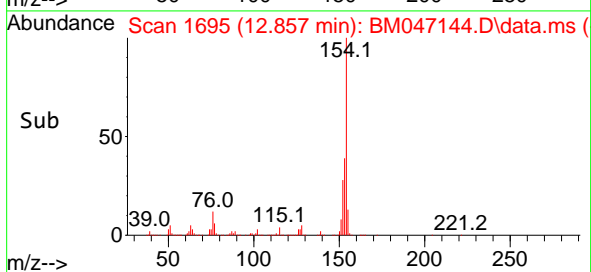
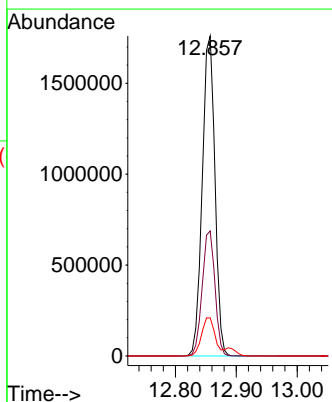
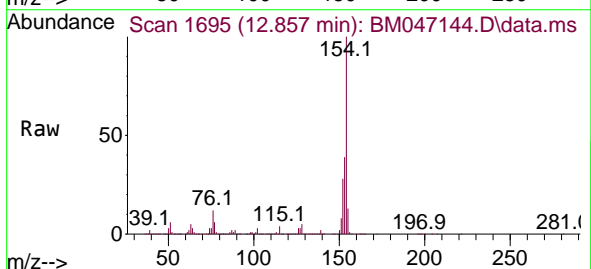
Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.4	18.7	28.1

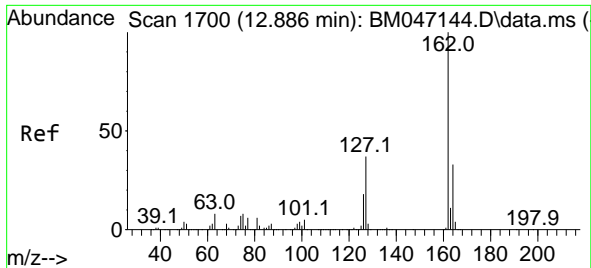


#46
 1,1'-Biphenyl
 Concen: 38.981 ng
 RT: 12.857 min Scan# 1695
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:154 Resp: 2539356

Ion	Ratio	Lower	Upper
154	100		
153	39.0	19.0	59.0
76	11.9	0.0	31.9



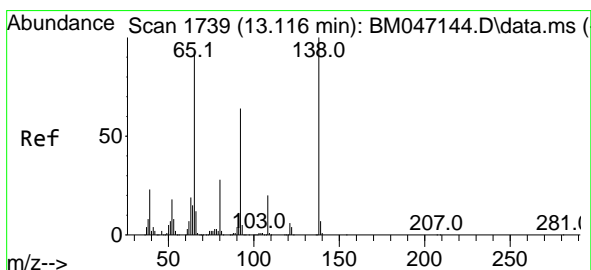
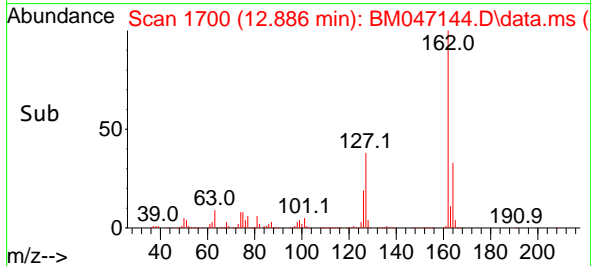
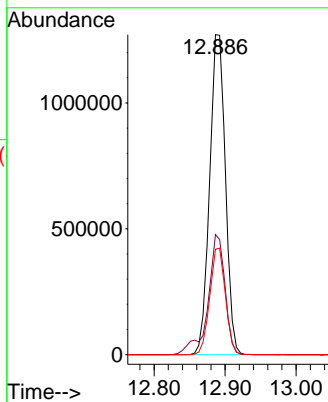
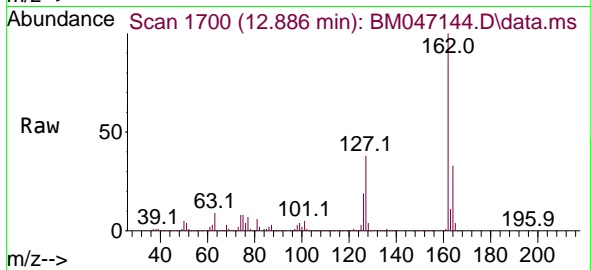


#47
 2-Chloronaphthalene
 Concen: 38.494 ng
 RT: 12.886 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion:162 Resp: 1959972

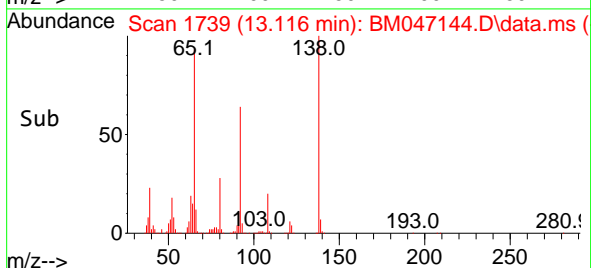
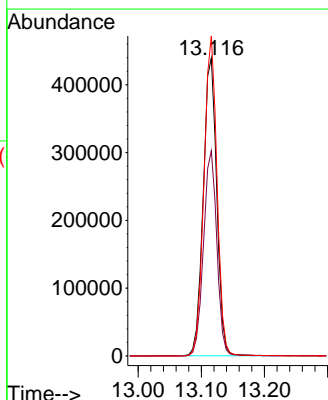
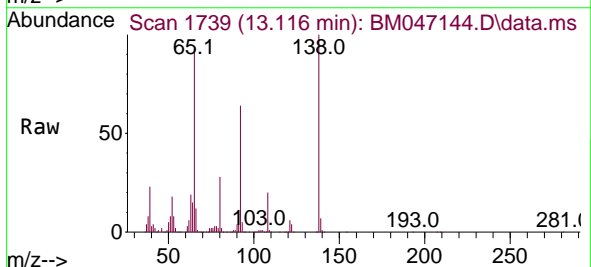
Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.0	45.0
164	32.9	26.3	39.5

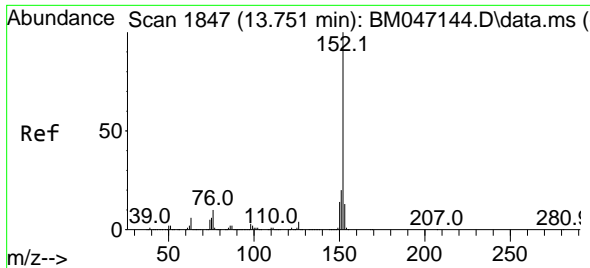


#48
 2-Nitroaniline
 Concen: 40.916 ng
 RT: 13.116 min Scan# 1739
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion: 65 Resp: 652655

Ion	Ratio	Lower	Upper
65	100		
92	68.9	55.1	82.7
138	107.4	85.9	128.9



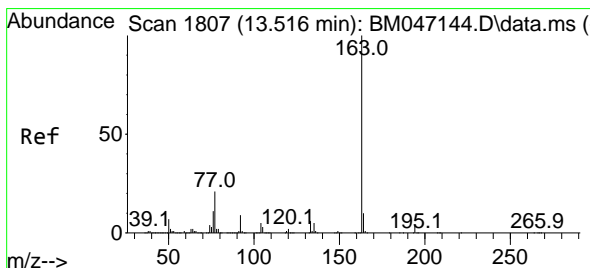
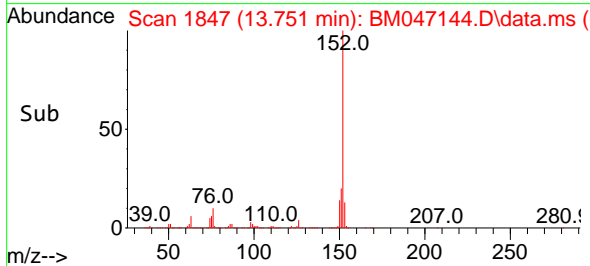
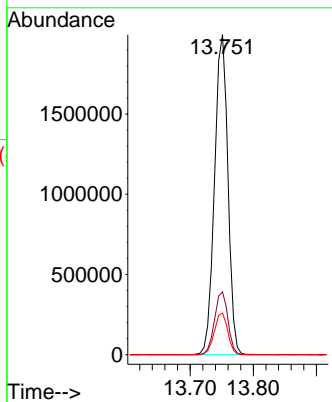
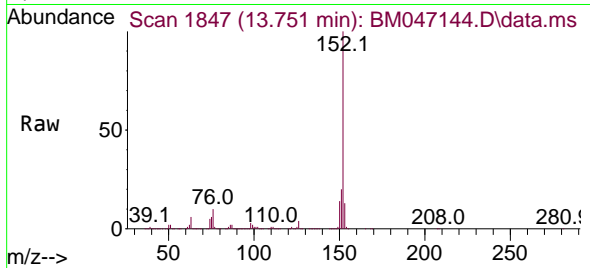


#49
 Acenaphthylene
 Concen: 39.060 ng
 RT: 13.751 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion:152 Resp: 2931534

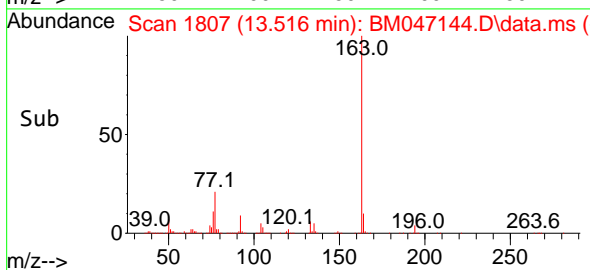
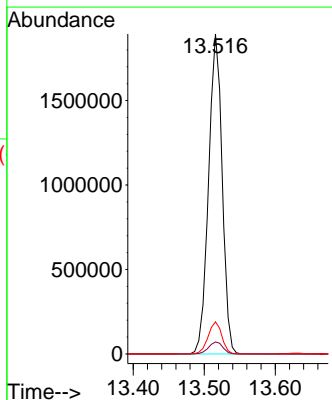
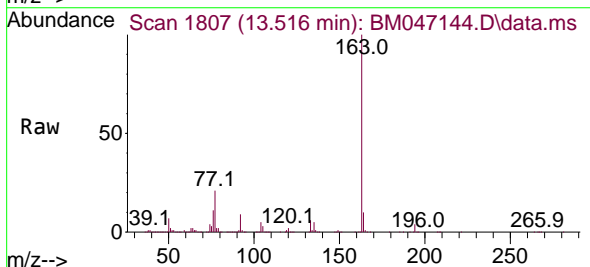
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.0	10.4	15.6

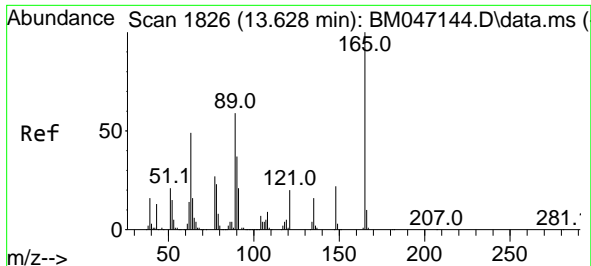


#50
 Dimethylphthalate
 Concen: 39.479 ng
 RT: 13.516 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:163 Resp: 2522996

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.0	8.0	12.0



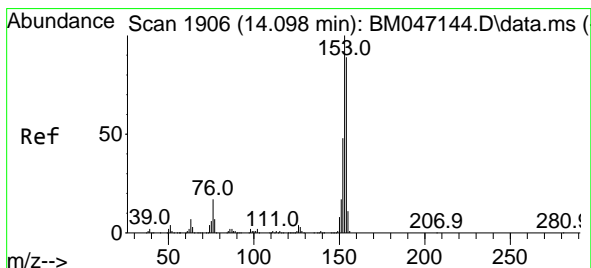
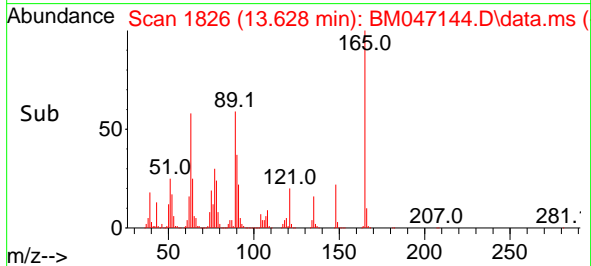
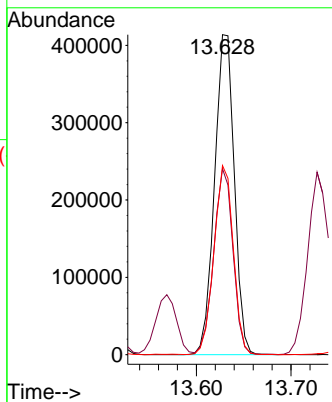
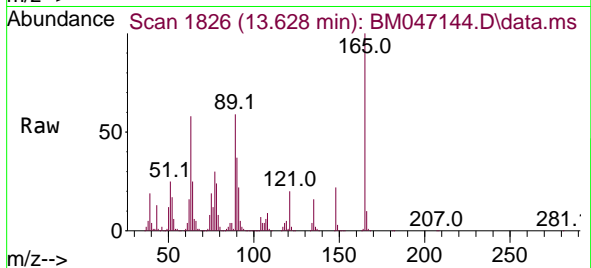


#51
 2,6-Dinitrotoluene
 Concen: 40.235 ng
 RT: 13.628 min Scan# 1826
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion:165 Resp: 601084

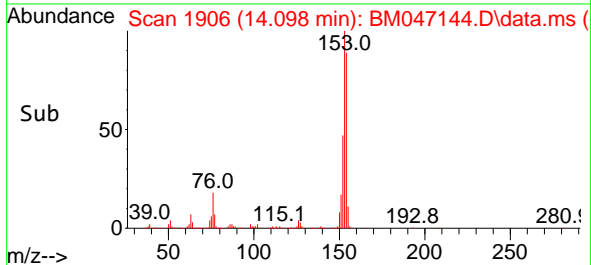
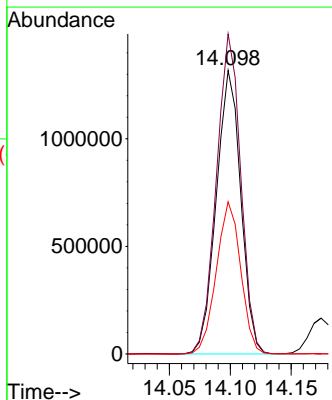
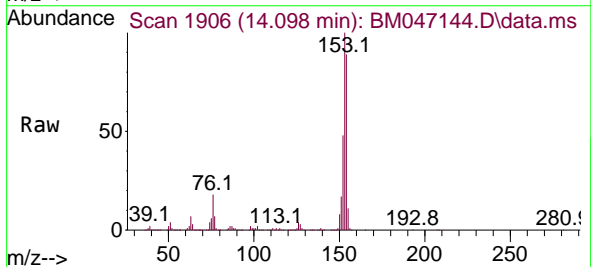
Ion	Ratio	Lower	Upper
165	100		
63	58.1	46.5	69.7
89	59.1	47.3	70.9

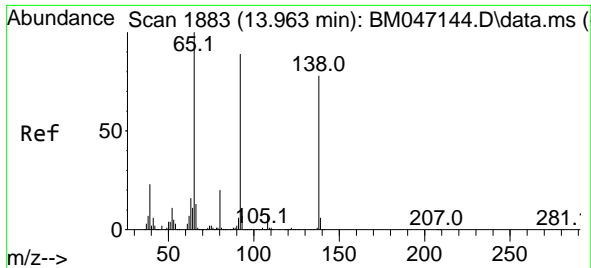


#52
 Acenaphthene
 Concen: 38.733 ng
 RT: 14.098 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:154 Resp: 1844024

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.3	135.5
152	53.6	42.9	64.3



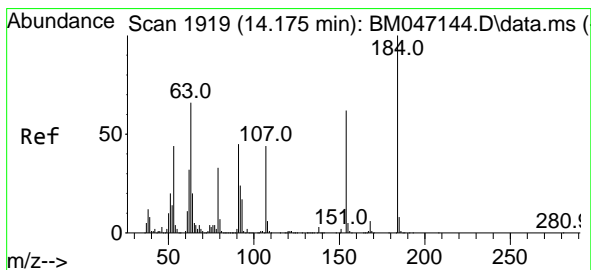
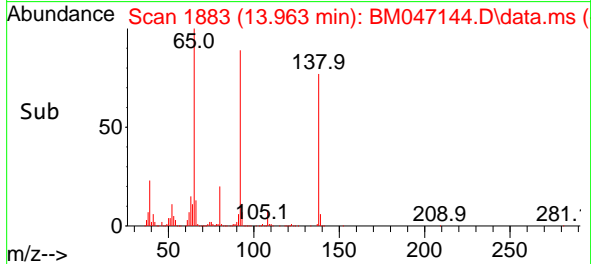
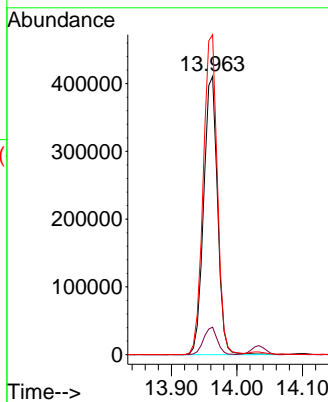
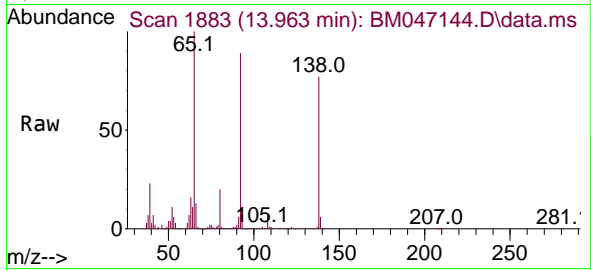


#53
 3-Nitroaniline
 Concen: 40.486 ng
 RT: 13.963 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion:138 Resp: 606076

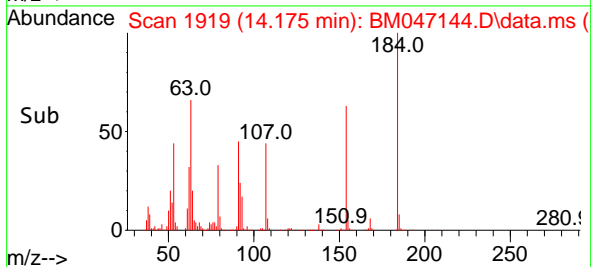
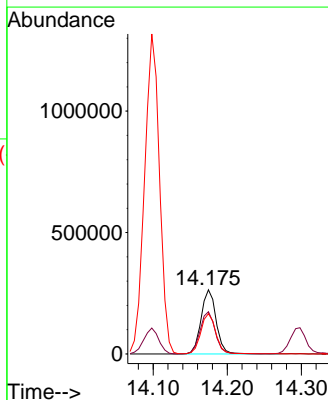
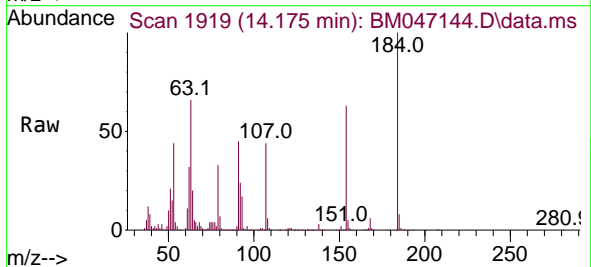
Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	115.0	92.0	138.0

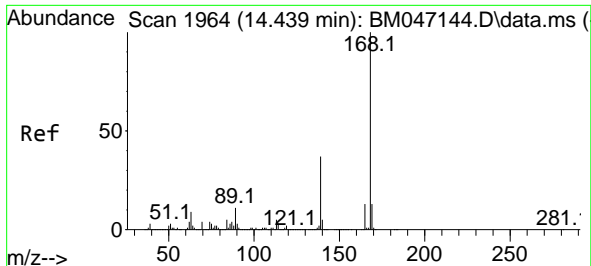


#54
 2,4-Dinitrophenol
 Concen: 41.679 ng
 RT: 14.175 min Scan# 1919
 Delta R.T. -0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:184 Resp: 373189

Ion	Ratio	Lower	Upper
184	100		
63	65.9	52.7	79.1
154	63.0	50.4	75.6



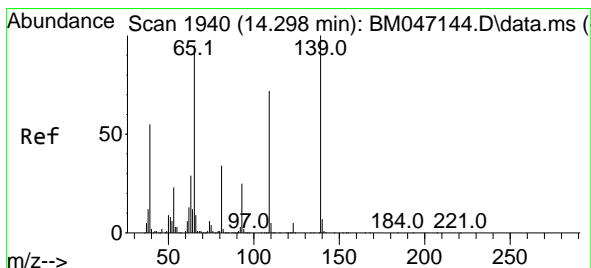
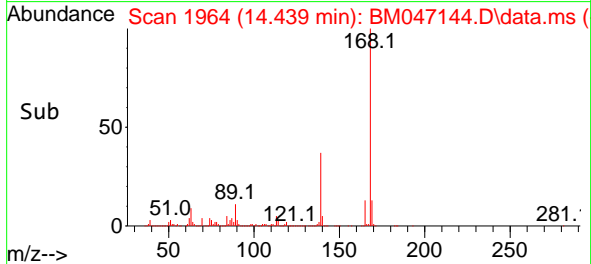
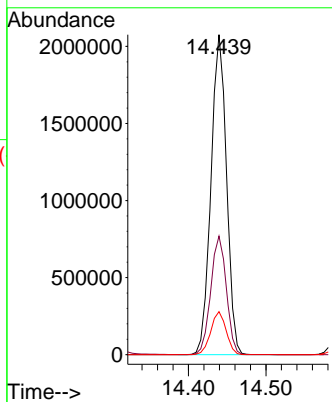
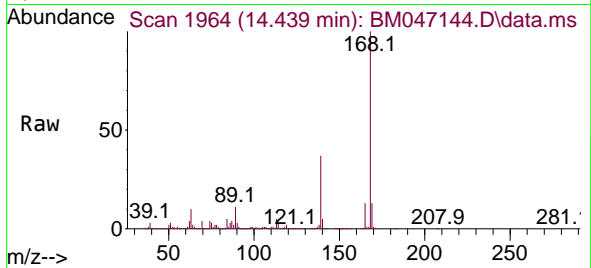


#55
 Dibenzofuran
 Concen: 38.434 ng
 RT: 14.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion:168 Resp: 2890230

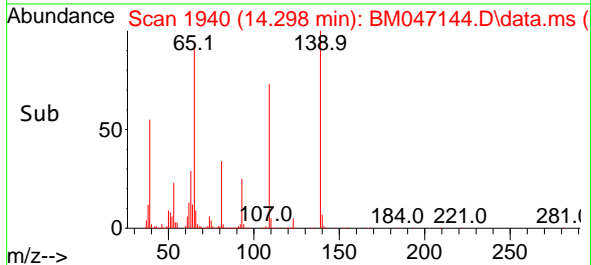
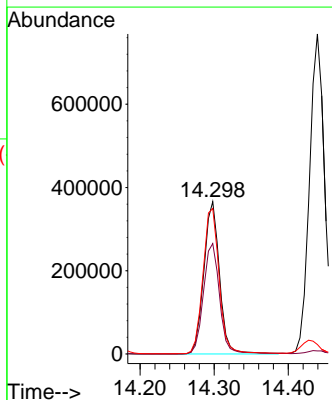
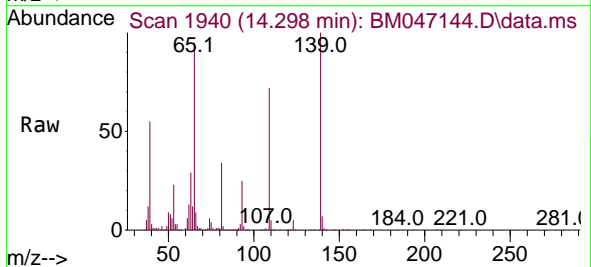
Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.6	44.4
169	13.4	10.7	16.1

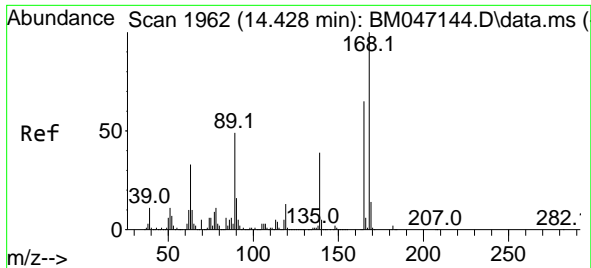


#56
 4-Nitrophenol
 Concen: 41.602 ng
 RT: 14.298 min Scan# 1940
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:139 Resp: 537017

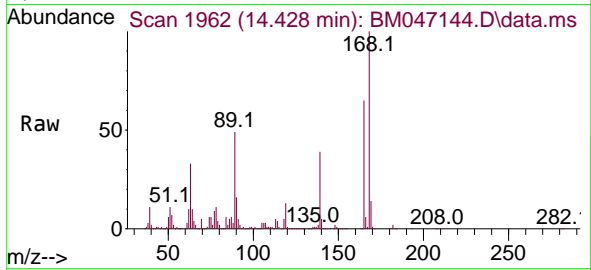
Ion	Ratio	Lower	Upper
139	100		
109	72.5	52.5	92.5
65	95.4	75.4	115.4





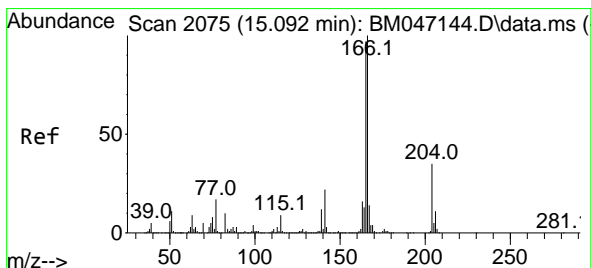
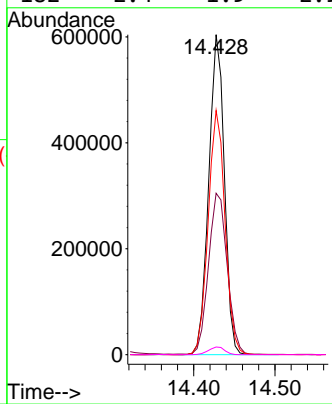
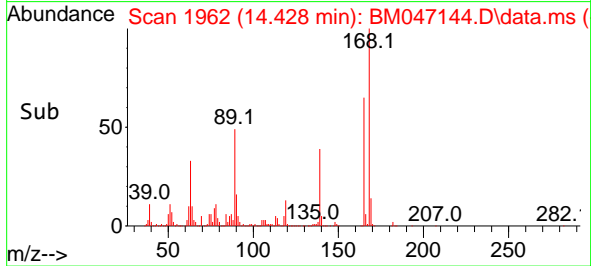
#57
 2,4-Dinitrotoluene
 Concen: 40.441 ng
 RT: 14.428 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : BM047144.D
 SSTDICCC040



Tgt Ion:165 Resp: 806412

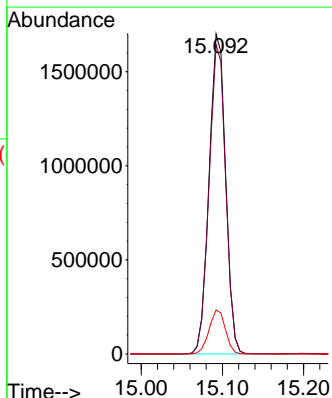
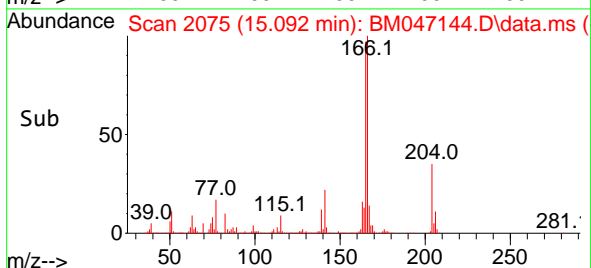
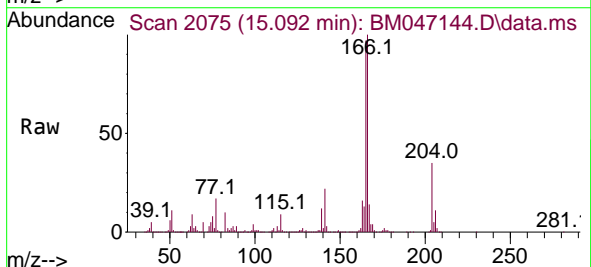
Ion	Ratio	Lower	Upper
165	100		
63	50.4	40.3	60.5
89	76.3	61.0	91.6
182	2.4	1.9	2.9

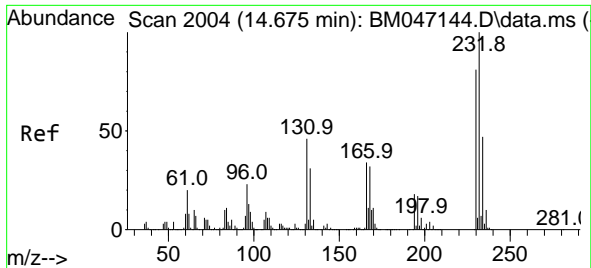


#58
 Fluorene
 Concen: 38.607 ng
 RT: 15.092 min Scan# 2075
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:166 Resp: 2395462

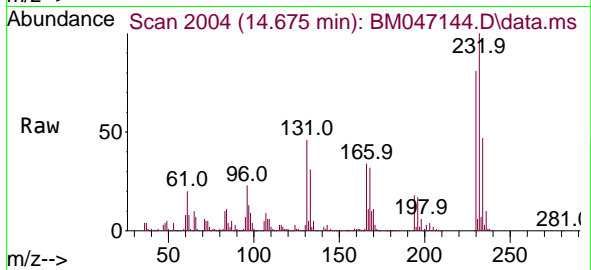
Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.4	116.0
167	13.8	11.0	16.6



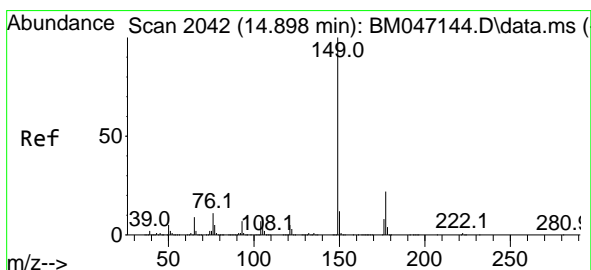
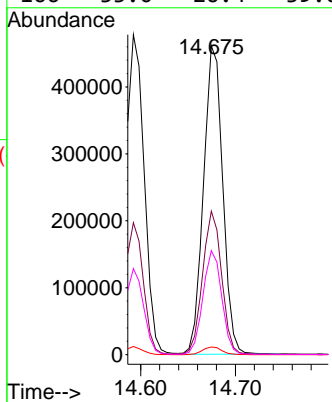
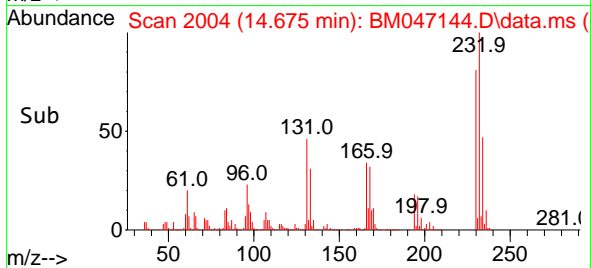


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.167 ng
 RT: 14.675 min Scan# 2004
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

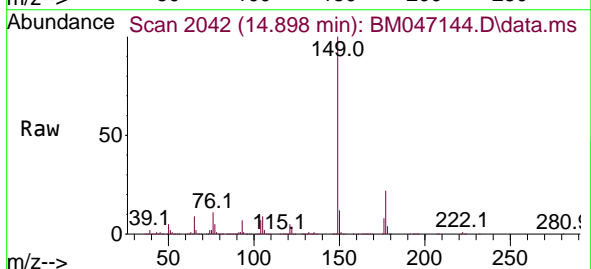
Instrument : BNA_M
 ClientSampleId : SSTDICCC040



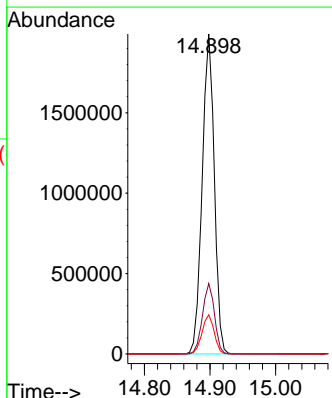
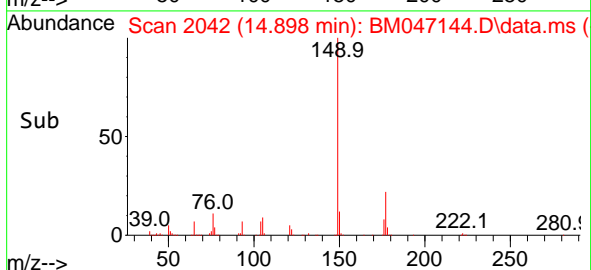
Tgt Ion:232 Resp: 650207
 Ion Ratio Lower Upper
 232 100
 131 46.1 36.9 55.3
 130 2.5 2.0 3.0
 166 33.0 26.4 39.6

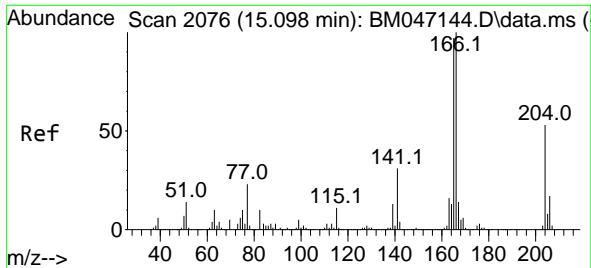


#60
 Diethylphthalate
 Concen: 39.196 ng
 RT: 14.898 min Scan# 2042
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51



Tgt Ion:149 Resp: 2558000
 Ion Ratio Lower Upper
 149 100
 177 22.0 17.6 26.4
 150 12.2 9.8 14.6



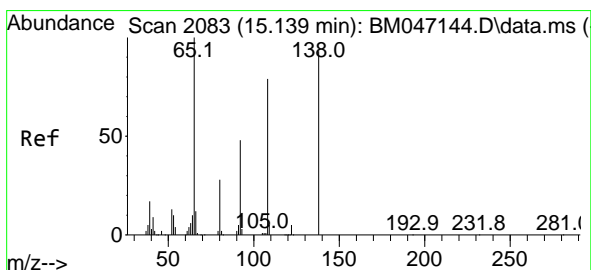
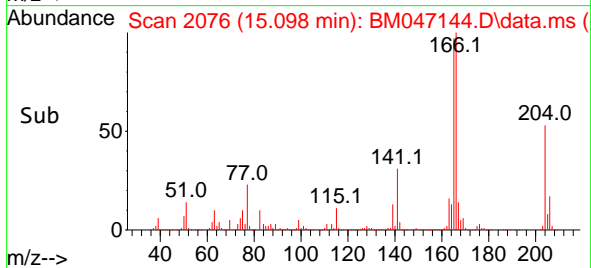
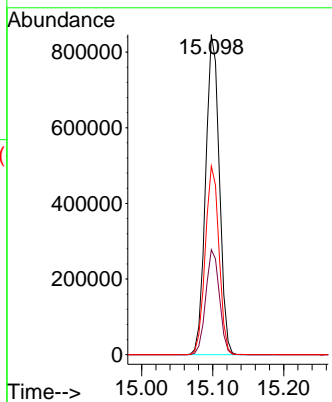
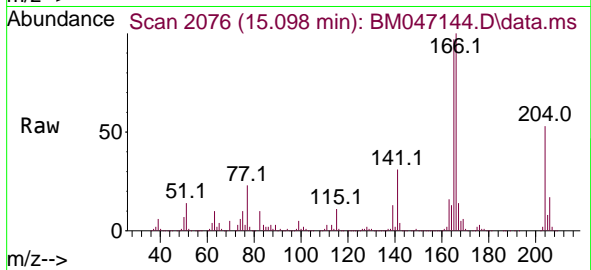


#61
 4-Chlorophenyl-phenylether
 Concen: 38.496 ng
 RT: 15.098 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion: 204 Resp: 1137143

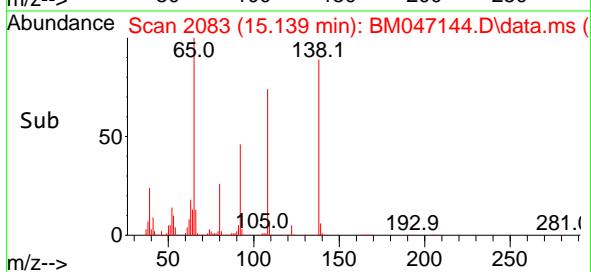
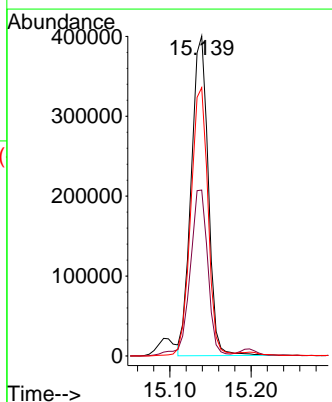
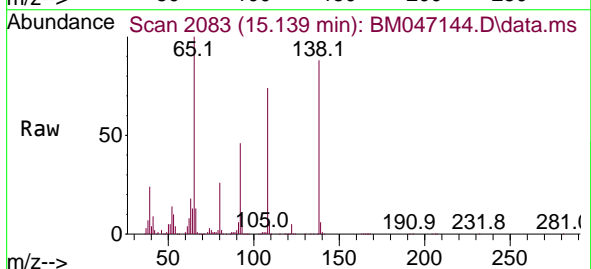
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.4
141	59.0	47.2	70.8

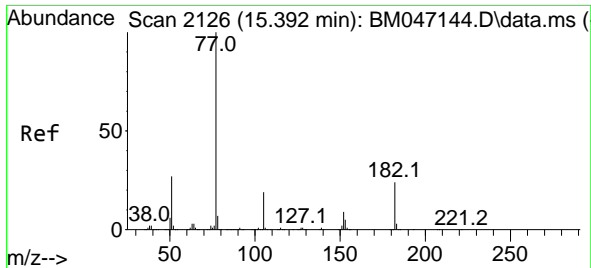


#62
 4-Nitroaniline
 Concen: 39.609 ng
 RT: 15.139 min Scan# 2083
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion: 138 Resp: 584150

Ion	Ratio	Lower	Upper
138	100		
92	51.9	31.9	71.9
108	83.8	63.8	103.8



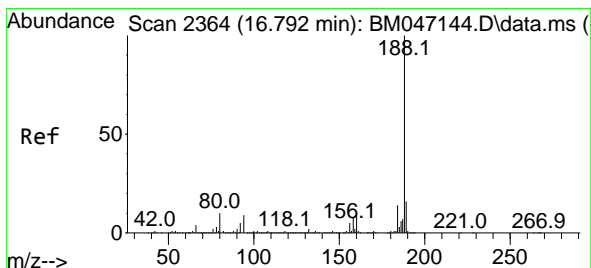
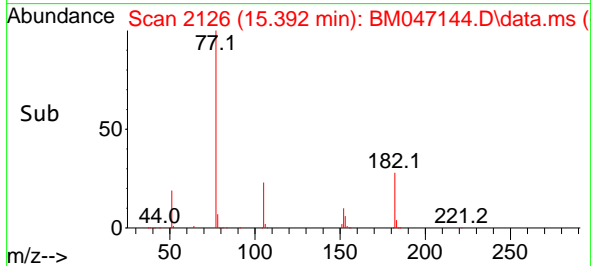
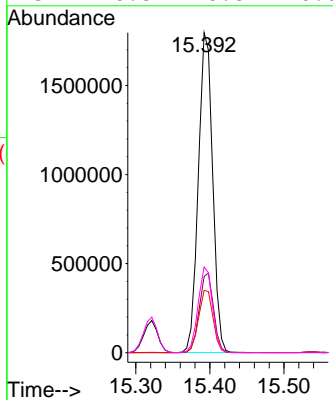
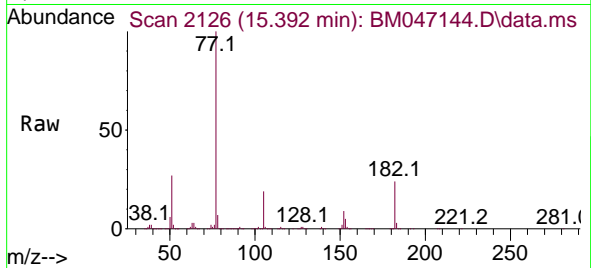


#63
 Azobenzene
 Concen: 38.848 ng
 RT: 15.392 min Scan# 2126
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion: 77 Resp: 2403859

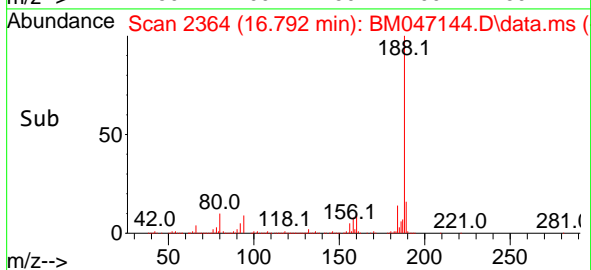
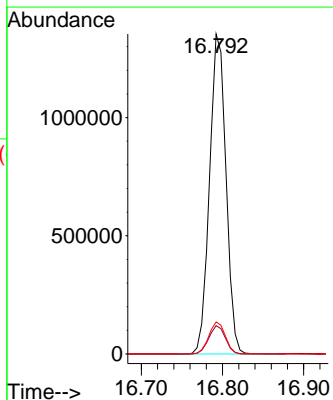
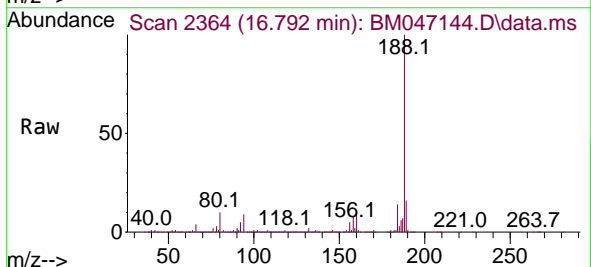
Ion	Ratio	Lower	Upper
77	100		
182	23.8	3.8	43.8
105	19.5	0.0	39.5
51	26.8	6.8	46.8

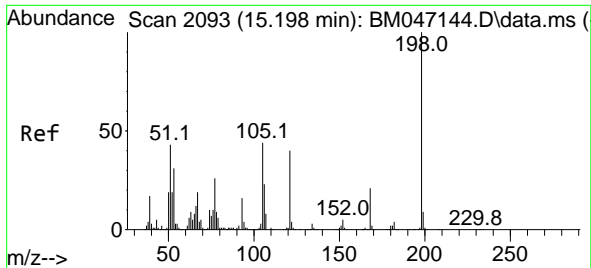


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.792 min Scan# 2364
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion: 188 Resp: 1901562

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.6
80	10.0	8.0	12.0

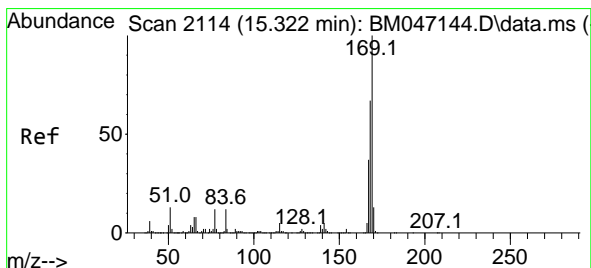
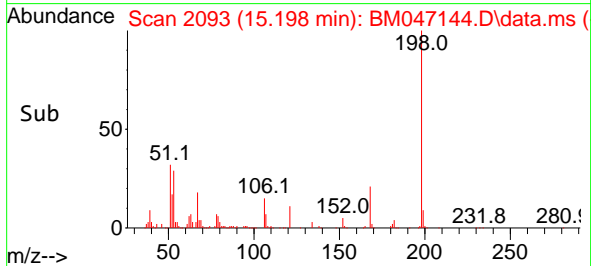
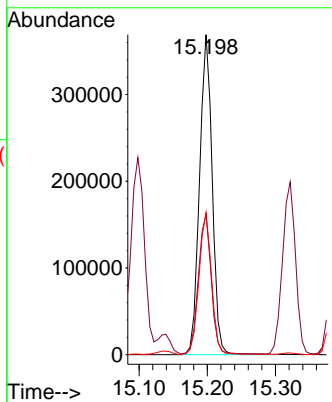
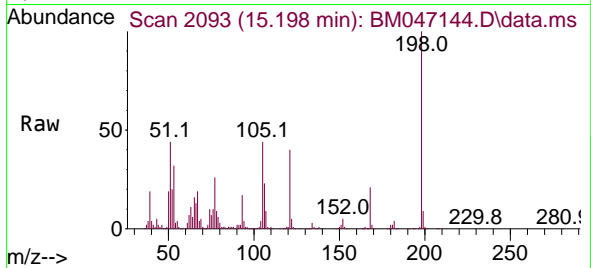




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.835 ng
 RT: 15.198 min Scan# 2093
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

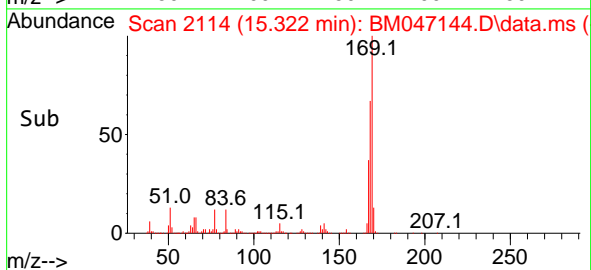
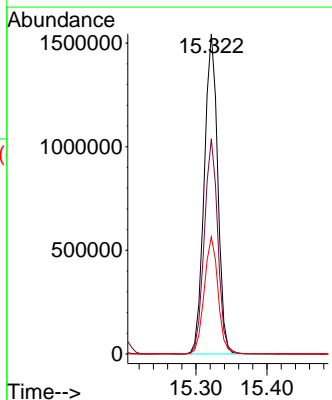
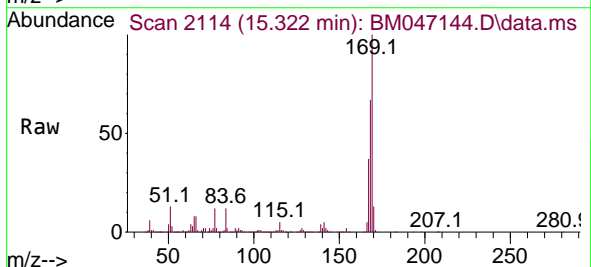
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

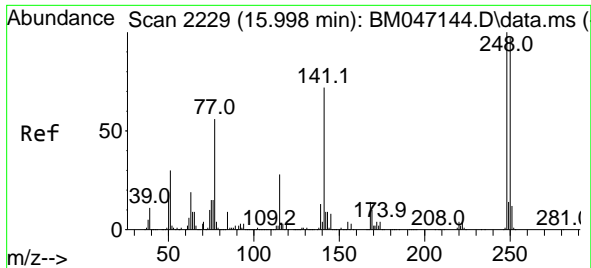
Tgt Ion	Resp	Lower	Upper
198	476893		
51	43.9	23.9	63.9
105	44.3	24.3	64.3



#66
 n-Nitrosodiphenylamine
 Concen: 39.377 ng
 RT: 15.322 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

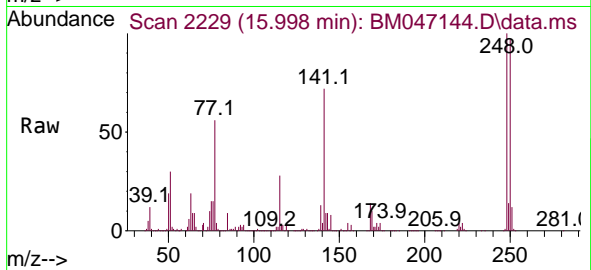
Tgt Ion	Resp	Lower	Upper
169	2039493		
168	67.3	53.8	80.8
167	36.6	29.3	43.9





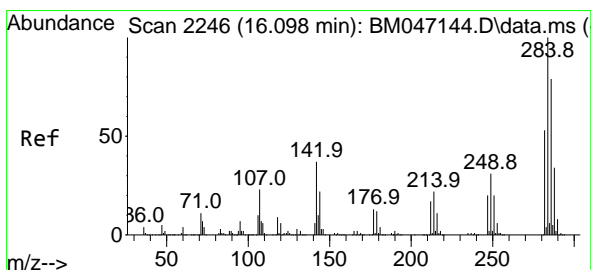
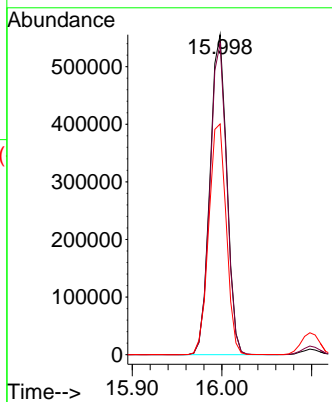
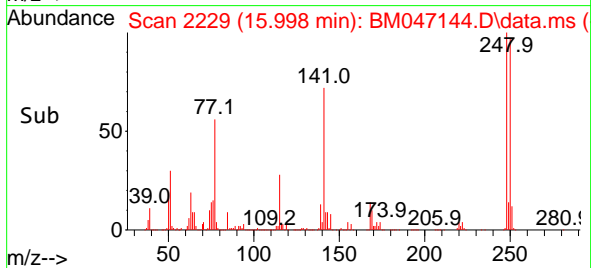
#67
 4-Bromophenyl-phenylether
 Concen: 39.608 ng
 RT: 15.998 min Scan# 2229
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

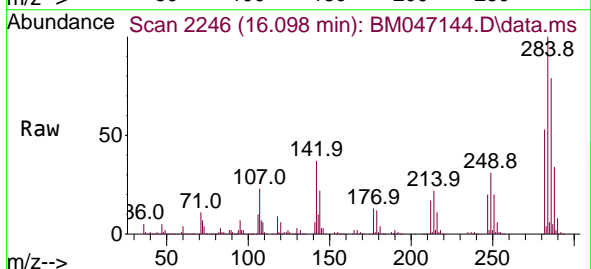


Tgt Ion:248 Resp: 725772

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.8	116.8
141	72.1	57.7	86.5

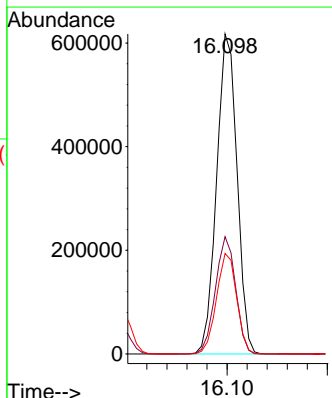
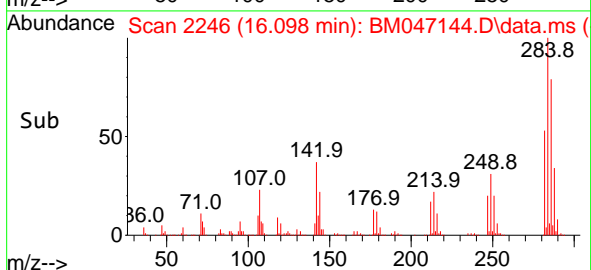


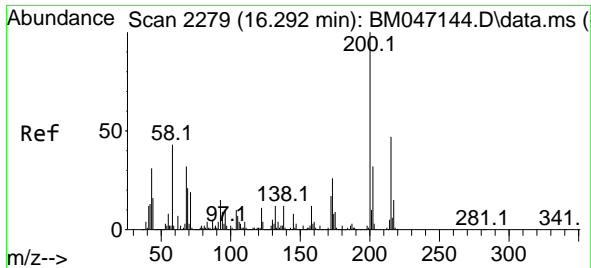
#68
 Hexachlorobenzene
 Concen: 39.667 ng
 RT: 16.098 min Scan# 2246
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51



Tgt Ion:284 Resp: 870505

Ion	Ratio	Lower	Upper
284	100		
142	36.7	29.4	44.0
249	31.4	25.1	37.7

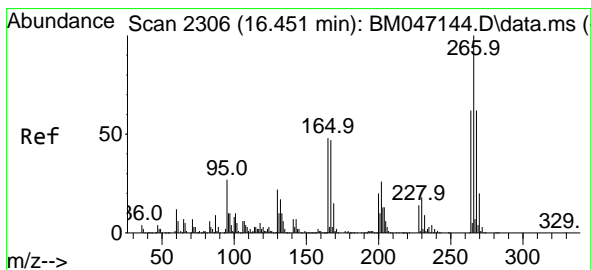
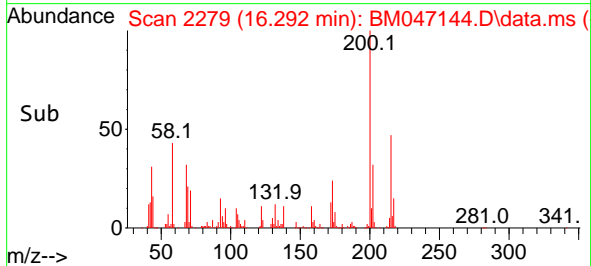
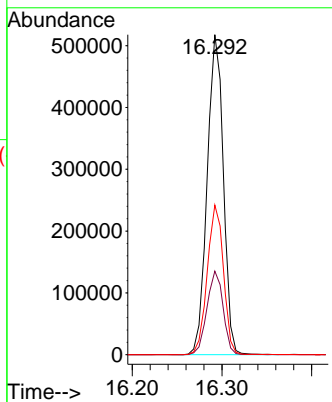
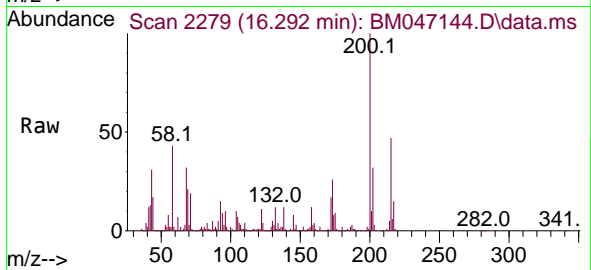




#69
 Atrazine
 Concen: 41.597 ng
 RT: 16.292 min Scan# 2279
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

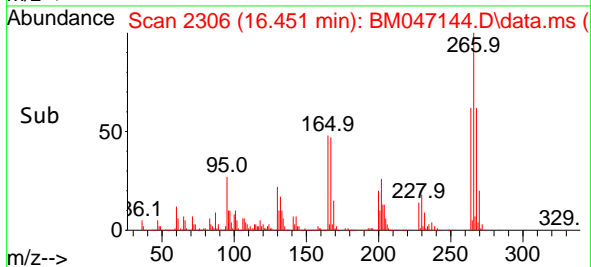
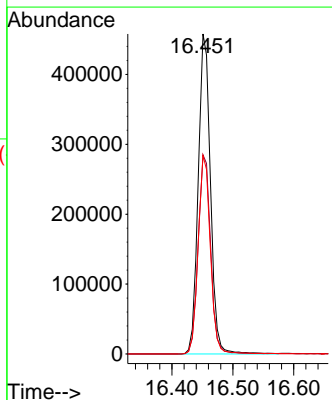
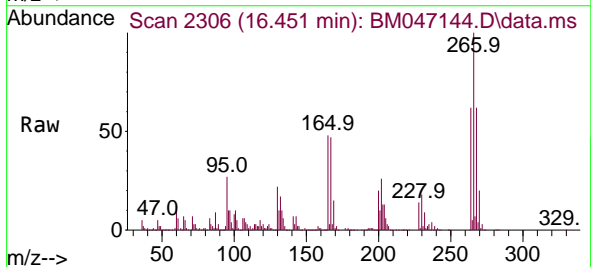
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

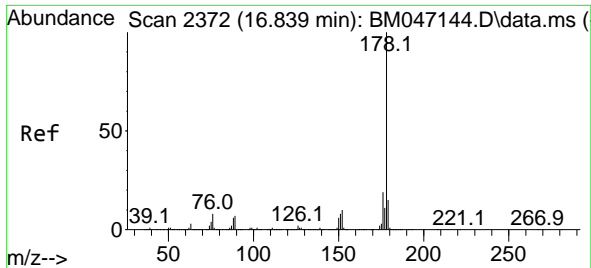
Tgt Ion:200 Resp: 648319
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.1 46.1
 215 46.8 26.8 66.8



#70
 Pentachlorophenol
 Concen: 41.480 ng
 RT: 16.451 min Scan# 2306
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:266 Resp: 638108
 Ion Ratio Lower Upper
 266 100
 268 62.2 49.8 74.6
 264 62.0 49.6 74.4



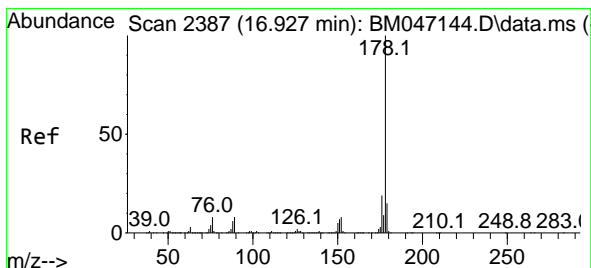
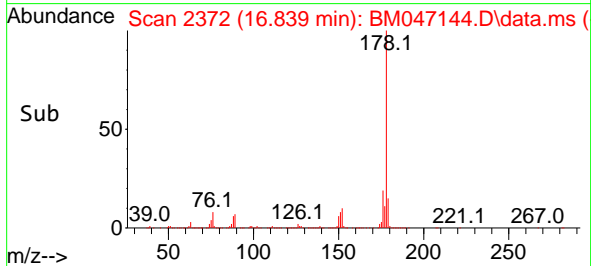
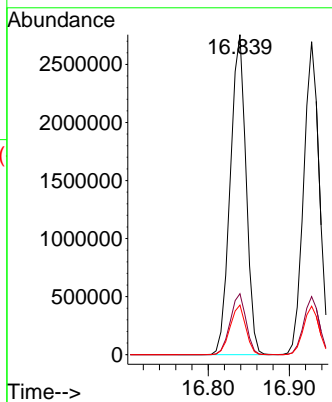
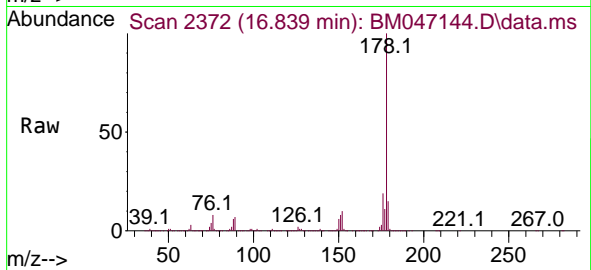


#71
 Phenanthrene
 Concen: 38.901 ng
 RT: 16.839 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Tgt Ion:178 Resp: 3712379

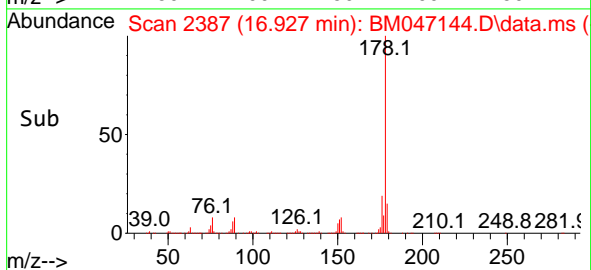
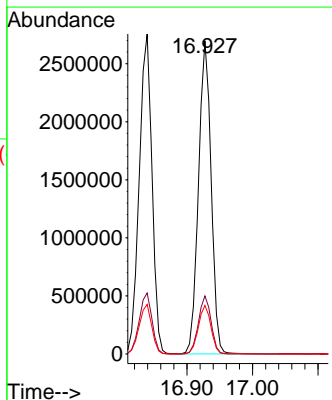
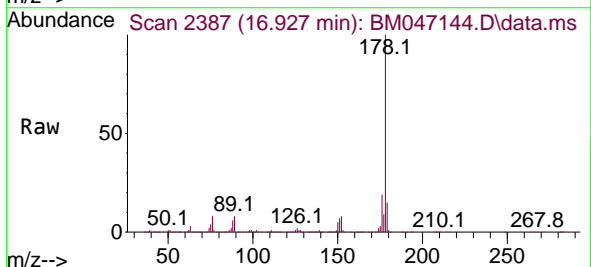
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.4	18.6

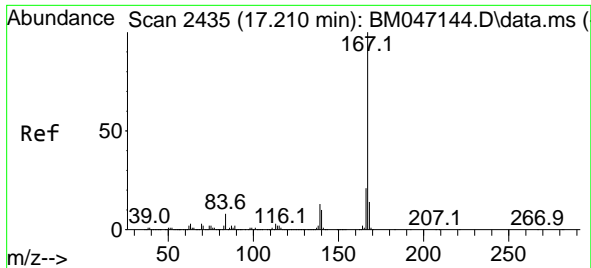


#72
 Anthracene
 Concen: 39.024 ng
 RT: 16.927 min Scan# 2387
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:178 Resp: 3623679

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.5	12.4	18.6



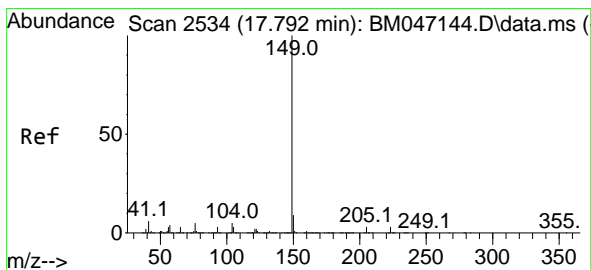
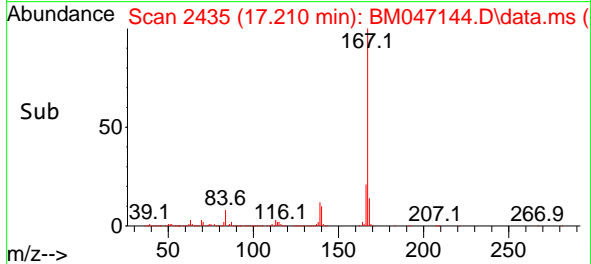
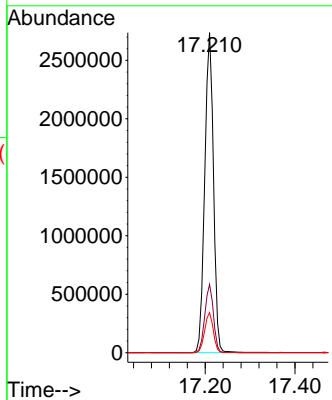
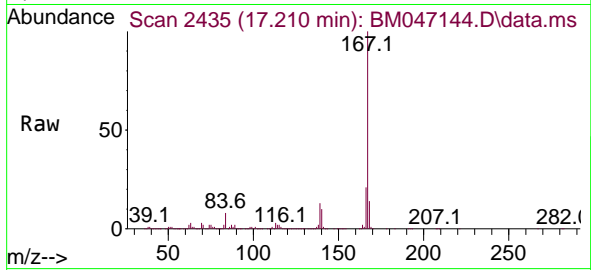


#73
 Carbazole
 Concen: 38.952 ng
 RT: 17.210 min Scan# 2435
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion:167 Resp: 3693008

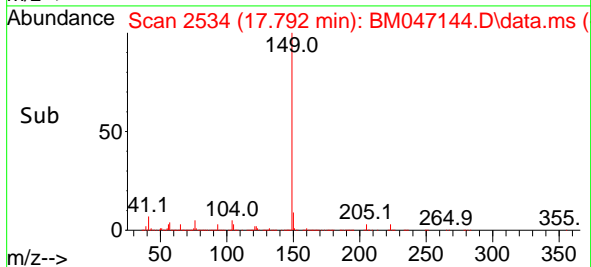
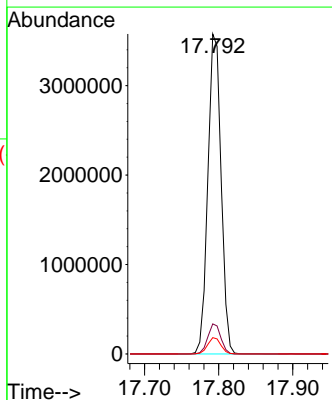
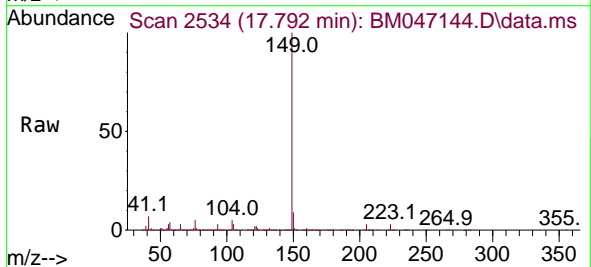
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.5	10.0	15.0

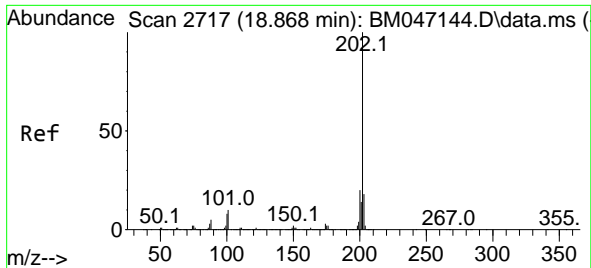


#74
 Di-n-butylphthalate
 Concen: 40.165 ng
 RT: 17.792 min Scan# 2534
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:149 Resp: 4430949

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.1	4.1	6.1



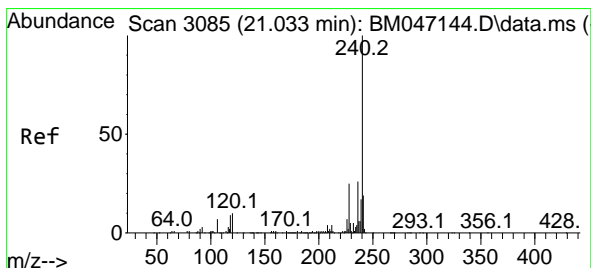
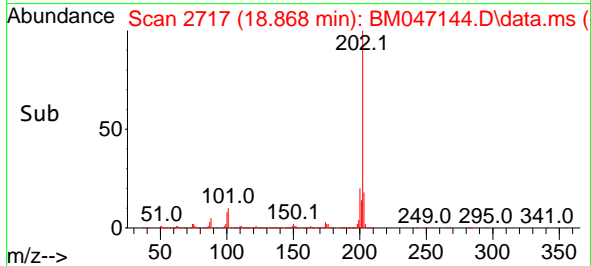
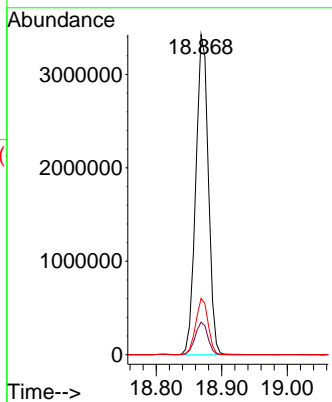
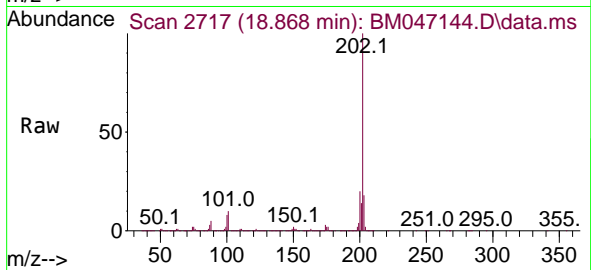


#75
 Fluoranthene
 Concen: 39.279 ng
 RT: 18.868 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Tgt Ion:202 Resp: 4559377

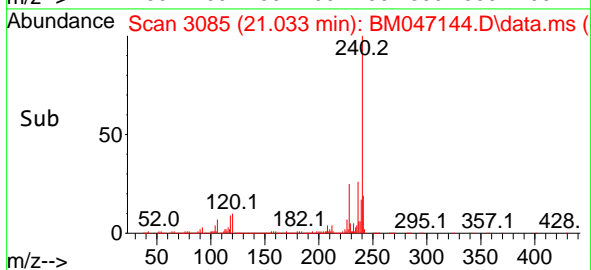
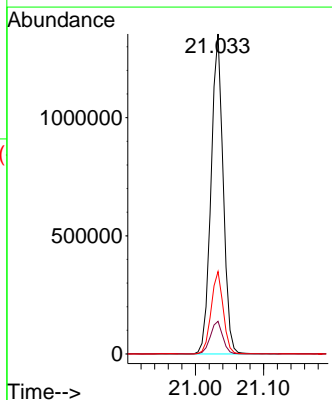
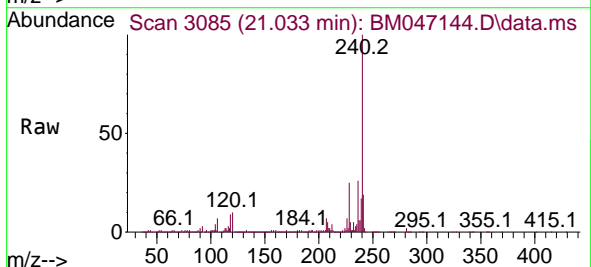
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.2
203	17.6	0.0	37.6

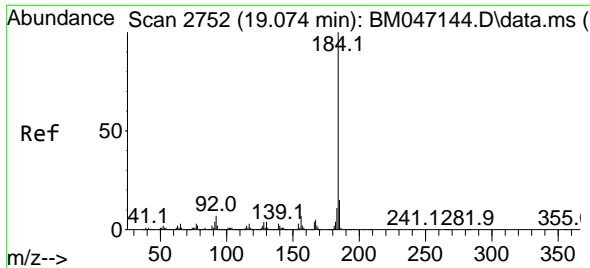


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.033 min Scan# 3085
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:240 Resp: 1674112

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.2
236	25.7	20.6	30.8



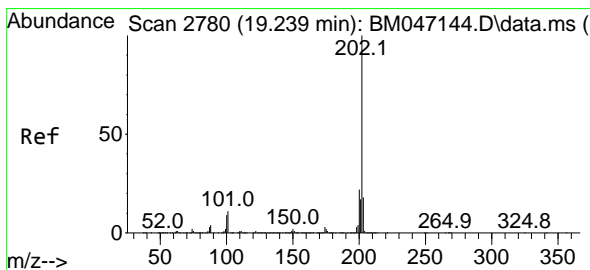
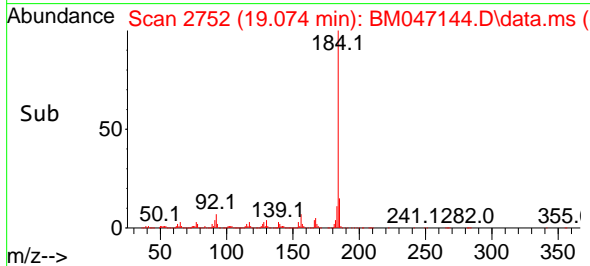
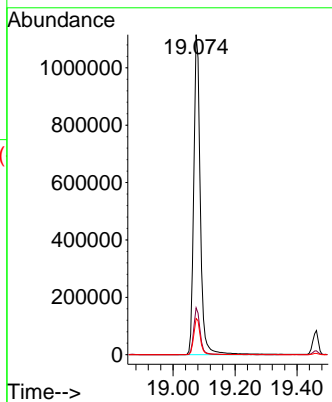
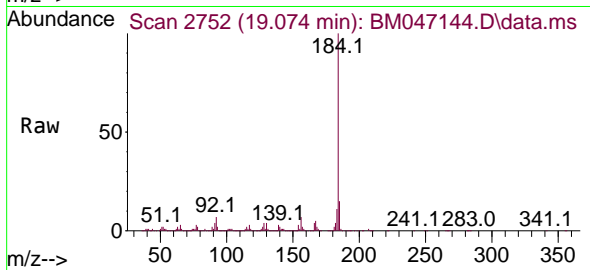


#77
 Benzidine
 Concen: 57.629 ng
 RT: 19.074 min Scan# 2752
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 Client Sample Id : BM047144.D
 SSTDICCC040

Tgt Ion:184 Resp: 1636101

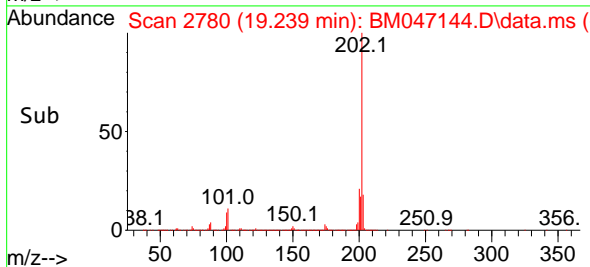
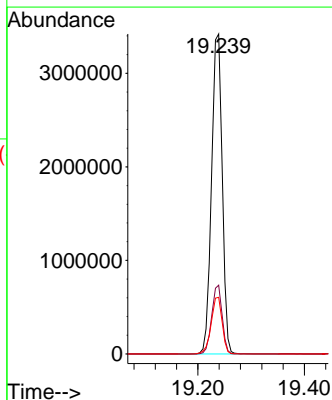
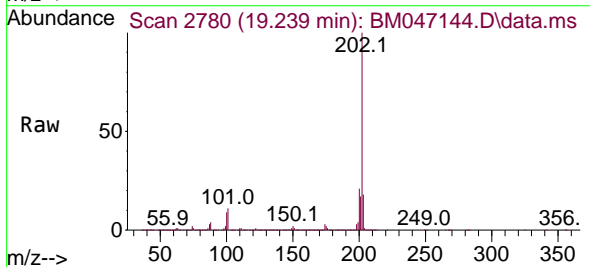
Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.6
183	11.3	9.0	13.6

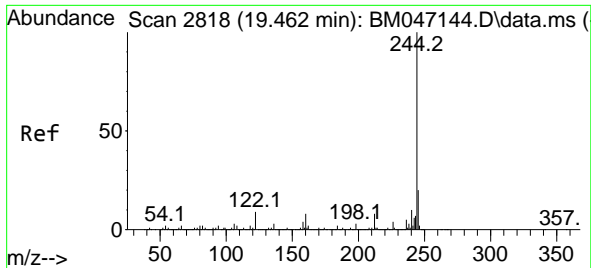


#78
 Pyrene
 Concen: 39.909 ng
 RT: 19.239 min Scan# 2780
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:202 Resp: 4770524

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	17.7	14.2	21.2



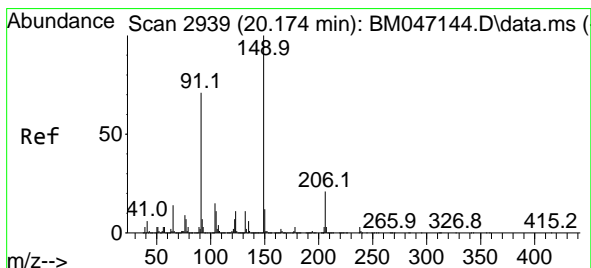
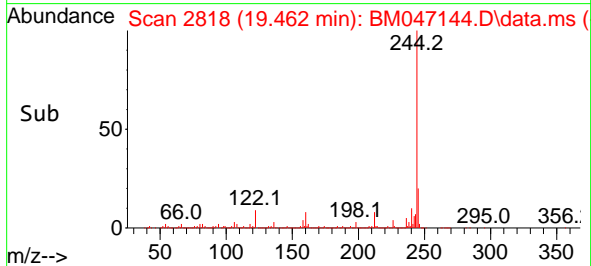
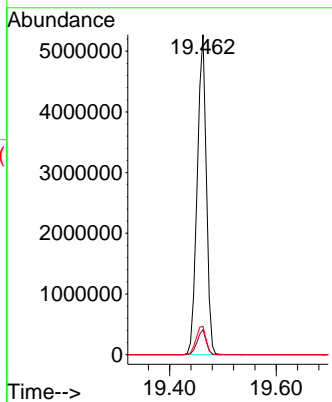
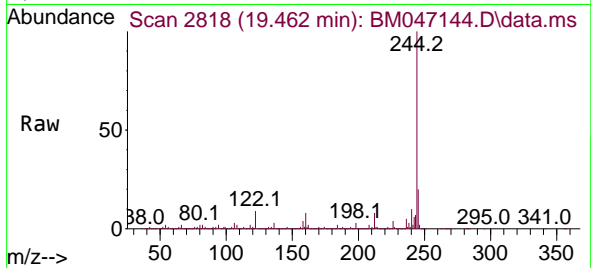


#79
 Terphenyl-d14
 Concen: 80.275 ng
 RT: 19.462 min Scan# 2818
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Tgt Ion:244 Resp: 6271744

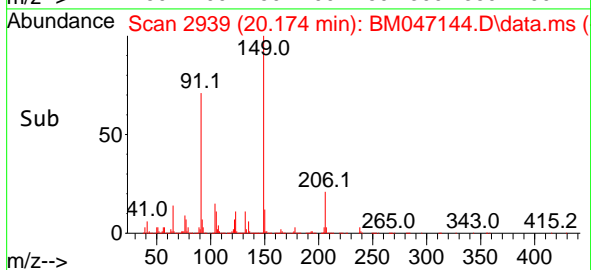
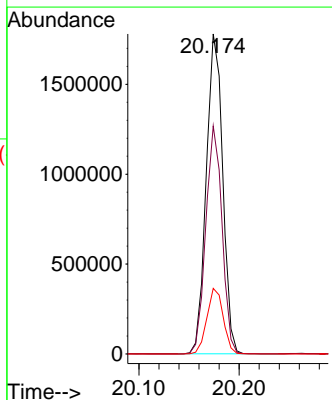
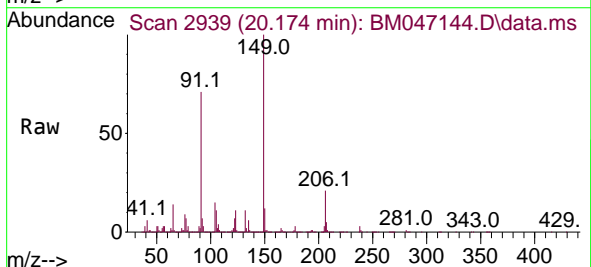
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	8.9	7.1	10.7

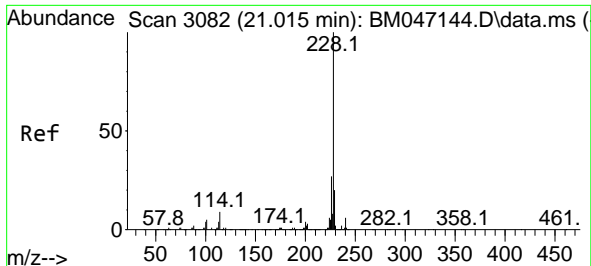


#80
 Butylbenzylphthalate
 Concen: 41.719 ng
 RT: 20.174 min Scan# 2939
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:149 Resp: 2035184

Ion	Ratio	Lower	Upper
149	100		
91	71.2	57.0	85.4
206	20.5	16.4	24.6



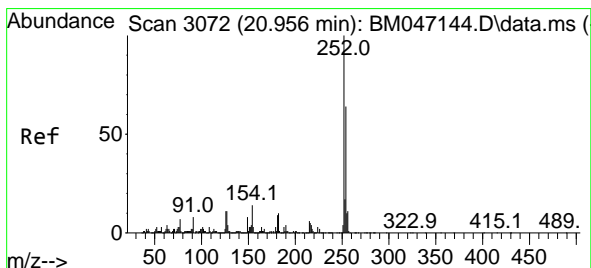
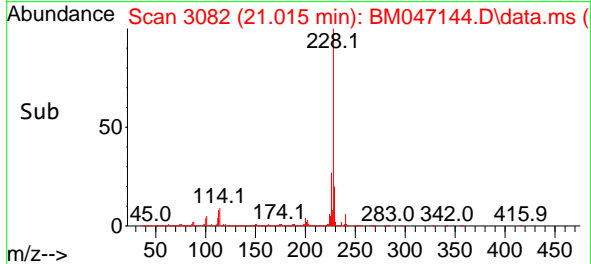
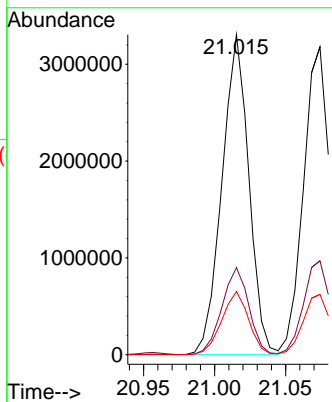
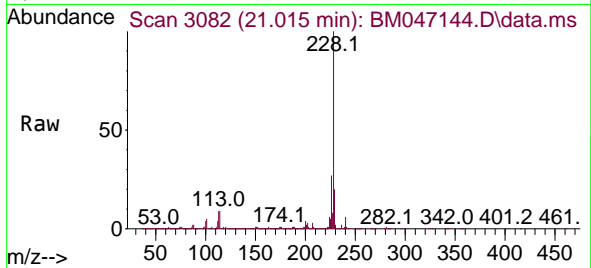


#81
 Benzo(a)anthracene
 Concen: 39.170 ng
 RT: 21.015 min Scan# 3082
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion:228 Resp: 4353304

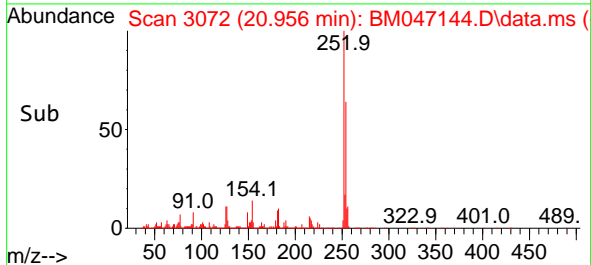
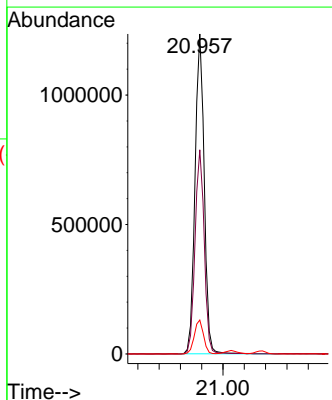
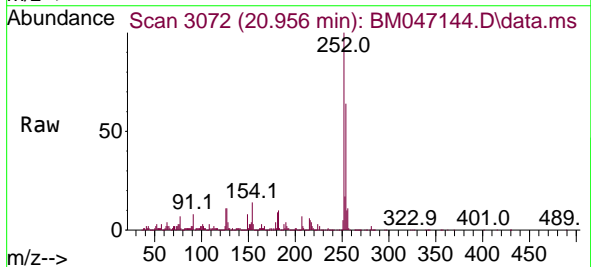
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.6
229	19.8	15.8	23.8

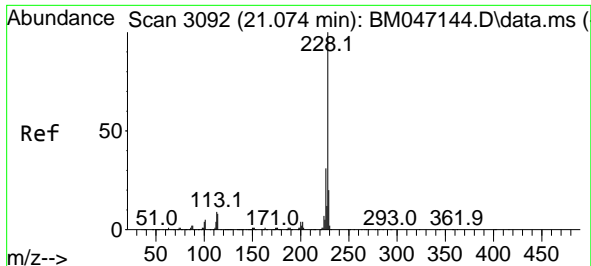


#82
 3,3'-Dichlorobenzidine
 Concen: 42.667 ng
 RT: 20.956 min Scan# 3072
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:252 Resp: 1483651

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.0	76.6
126	10.6	8.5	12.7



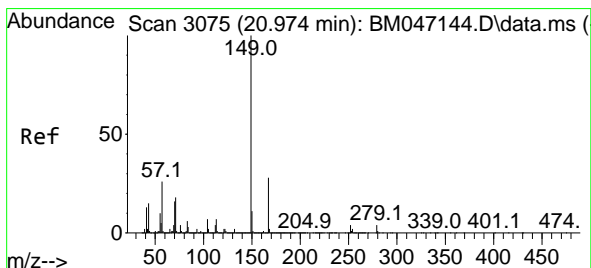
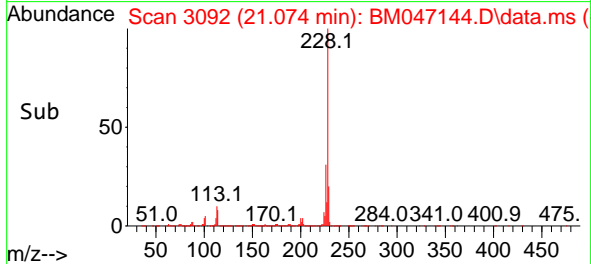
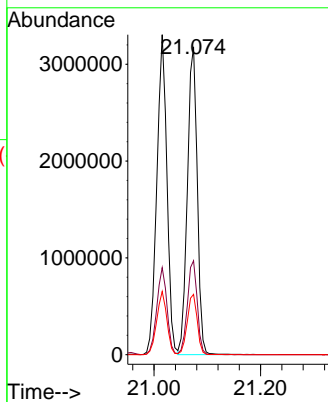
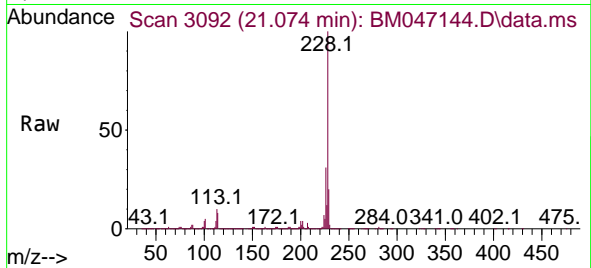


#83
 Chrysene
 Concen: 38.858 ng
 RT: 21.074 min Scan# 3092
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion:228 Resp: 4097336

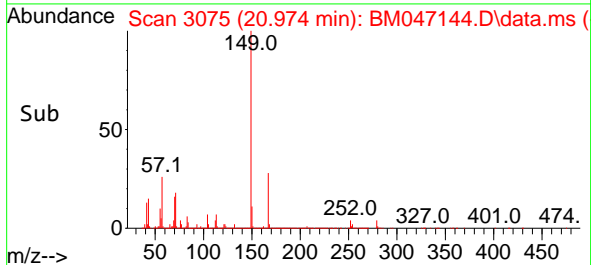
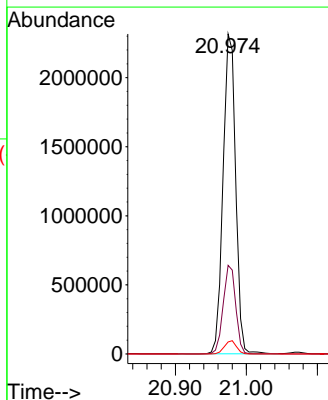
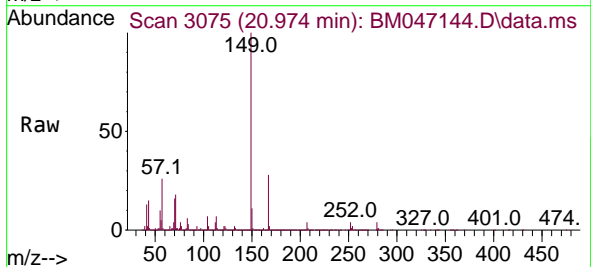
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	19.6	15.7	23.5

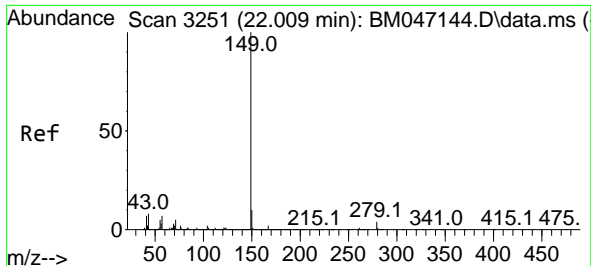


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.891 ng
 RT: 20.974 min Scan# 3075
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:149 Resp: 2828936

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.2
279	3.7	3.0	4.4



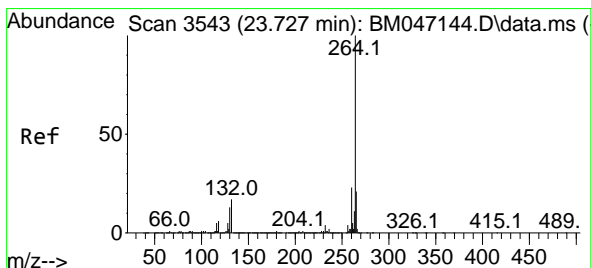
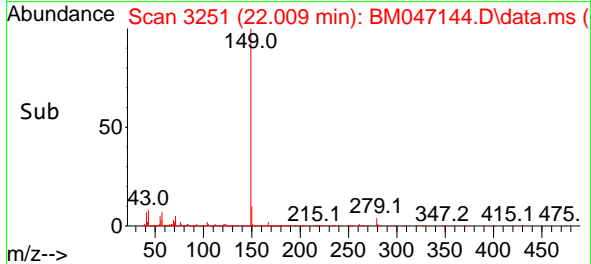
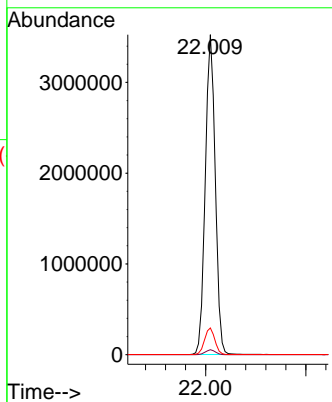
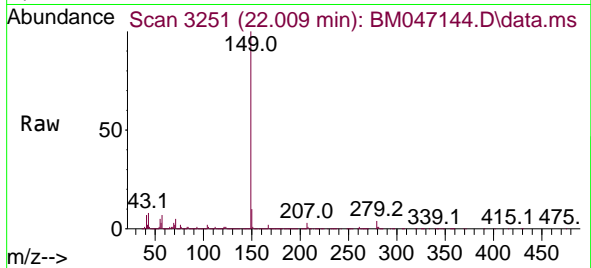


#85
 Di-n-octyl phthalate
 Concen: 41.489 ng
 RT: 22.009 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Tgt Ion:149 Resp: 4878689

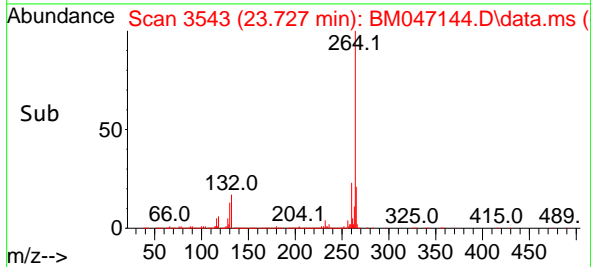
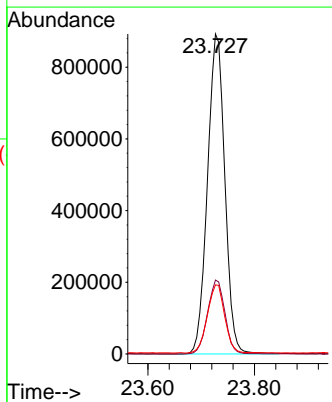
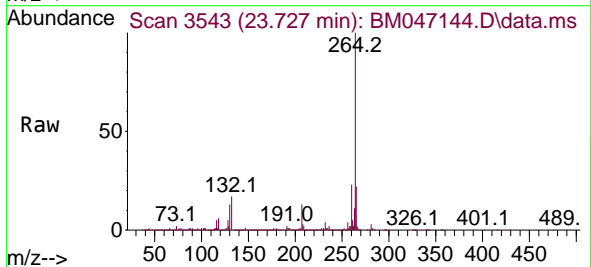
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	6.9	10.3

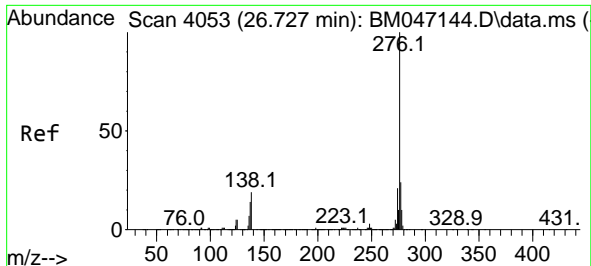


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3543
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:264 Resp: 2019244

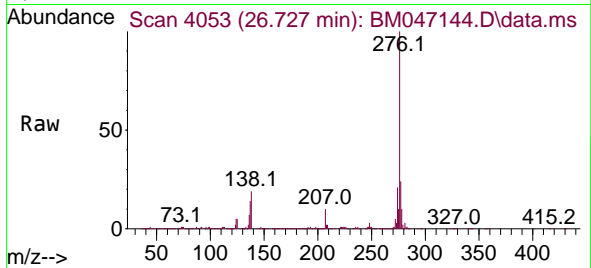
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.6	17.3	25.9



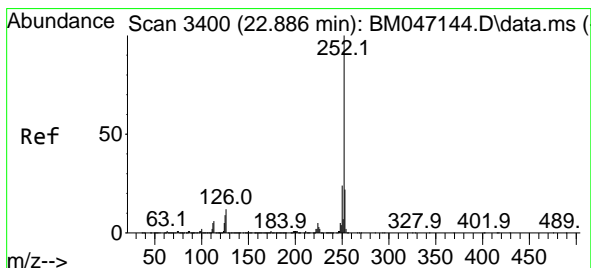
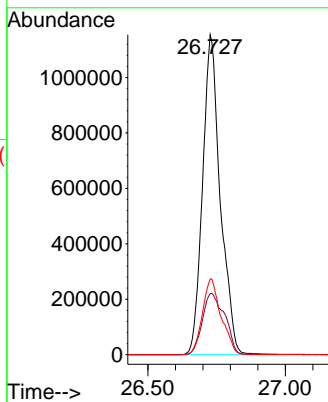
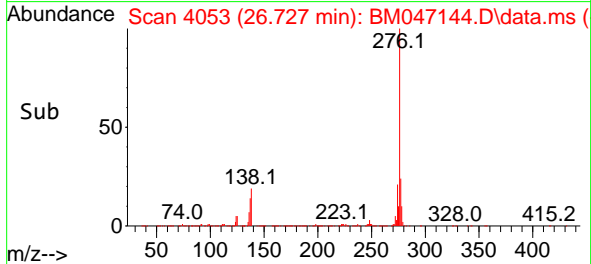


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.586 ng
 RT: 26.727 min Scan# 4053
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

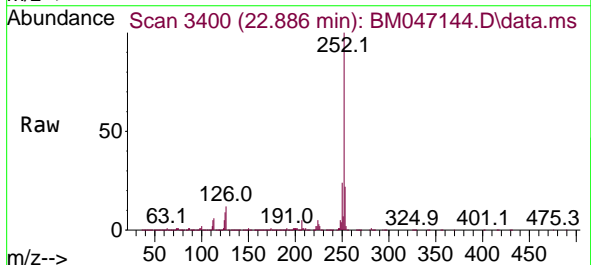
Instrument : BNA_M
 ClientSampleId : SSTDICCC040



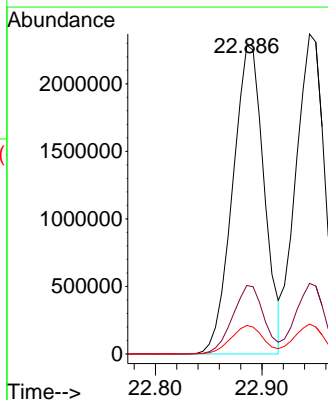
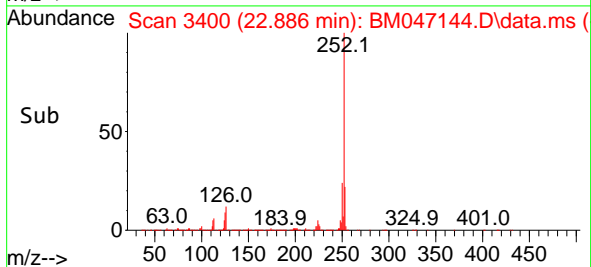
Tgt Ion: 276 Resp: 5166805
 Ion Ratio Lower Upper
 276 100
 138 24.2 19.4 29.0
 277 25.1 20.1 30.1

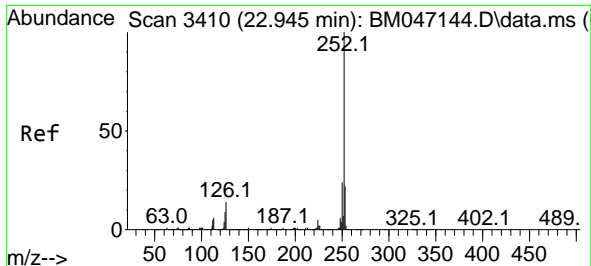


#88
 Benzo(b)fluoranthene
 Concen: 39.106 ng
 RT: 22.886 min Scan# 3400
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51



Tgt Ion: 252 Resp: 4689366
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.6
 125 9.2 7.4 11.0



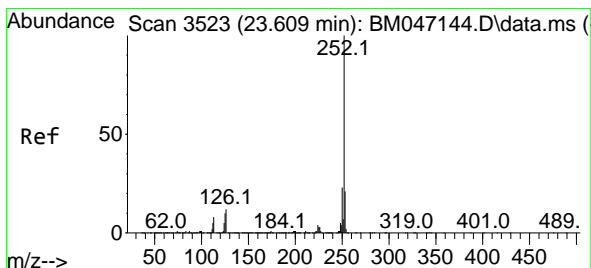
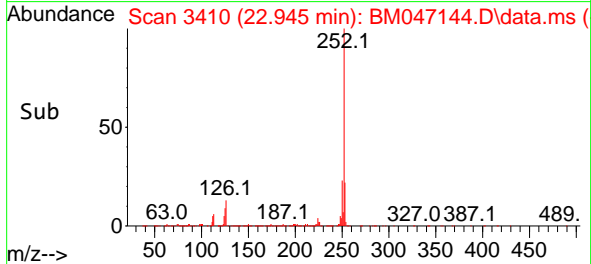
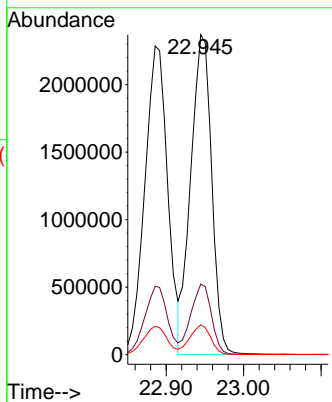
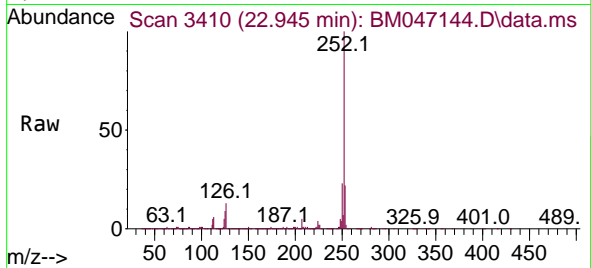


#89
 Benzo(k)fluoranthene
 Concen: 39.126 ng
 RT: 22.945 min Scan# 3410
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion:252 Resp: 4431625

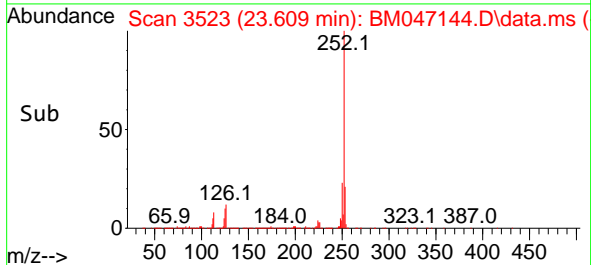
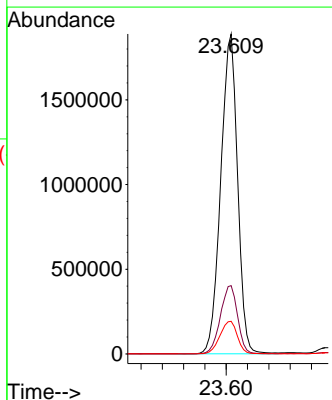
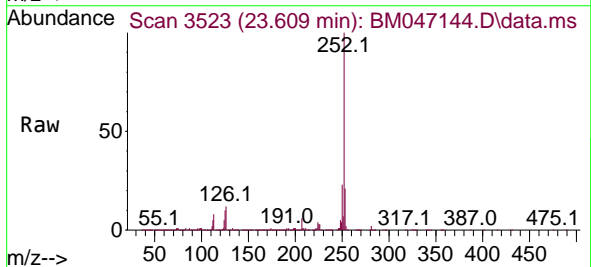
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.3	7.4	11.2

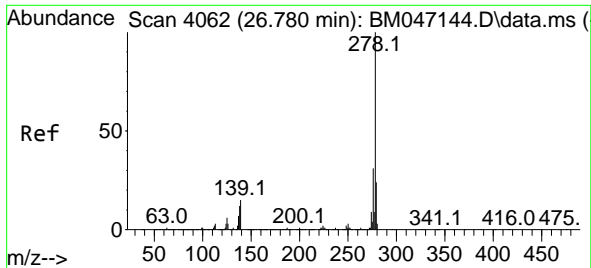


#90
 Benzo(a)pyrene
 Concen: 39.824 ng
 RT: 23.609 min Scan# 3523
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion:252 Resp: 4136829

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	10.2	8.2	12.2



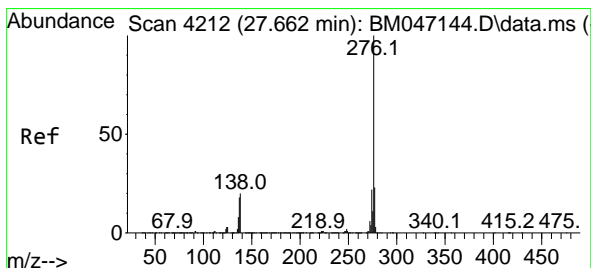
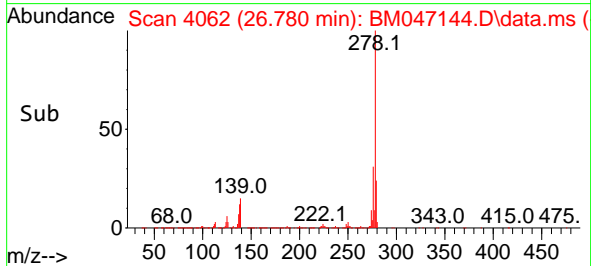
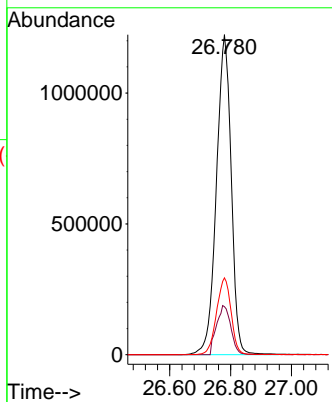
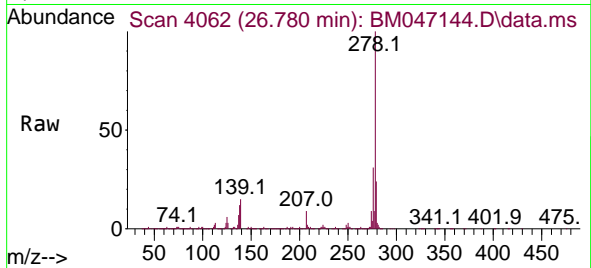


#91
 Dibenzo(a,h)anthracene
 Concen: 39.055 ng
 RT: 26.780 min Scan# 4062
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Instrument : BNA_M
 ClientSampleId : SSTDICCC040

Tgt Ion: 278 Resp: 4125251

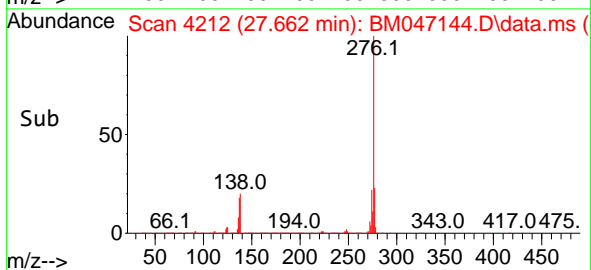
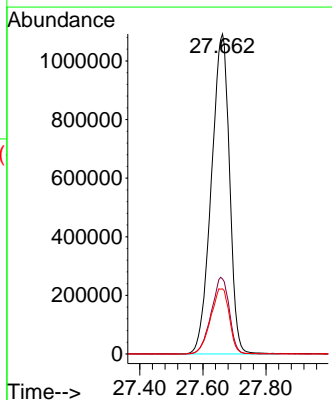
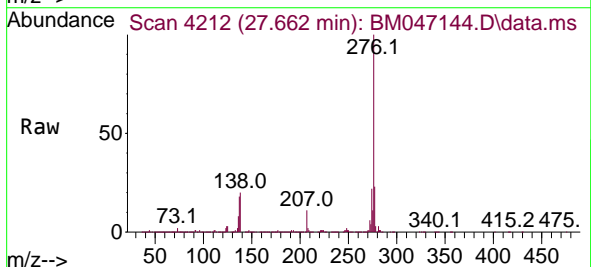
Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.0	18.0
279	24.0	19.2	28.8



#92
 Benzo(g,h,i)perylene
 Concen: 39.636 ng
 RT: 27.662 min Scan# 4212
 Delta R.T. 0.000 min
 Lab File: BM047144.D
 Acq: 10 Aug 2024 15:51

Tgt Ion: 276 Resp: 4346786

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	20.3	16.2	24.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047145.D
 Acq On : 10 Aug 2024 16:31
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Quant Time: Aug 11 23:34:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:24:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.375	152	315091	20.000	ng	0.00	
21) Naphthalene-d8	10.133	136	1281047	20.000	ng	0.00	
39) Acenaphthene-d10	14.033	164	834055	20.000	ng	0.00	
64) Phenanthrene-d10	16.792	188	1737042	20.000	ng	0.00	
76) Chrysene-d12	21.033	240	1511494	20.000	ng	0.00	
86) Perylene-d12	23.733	264	1841387	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.022	112	1654844	93.844	ng	0.00	
7) Phenol-d6	6.587	99	2315558	95.298	ng	0.00	
23) Nitrobenzene-d5	8.528	82	2421031	95.162	ng	0.00	
42) 2,4,6-Tribromophenol	15.545	330	952366	98.476	ng	0.00	
45) 2-Fluorobiphenyl	12.645	172	5200055	96.172	ng	0.00	
79) Terphenyl-d14	19.462	244	7014667	99.443	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.034	88	343225	46.976	ng		98
3) Pyridine	3.410	79	1022963m	47.780	ng		
4) n-Nitrosodimethylamine	3.328	42	444430	47.479	ng		99
6) Aniline	6.728	93	1103960	48.069	ng		99
8) 2-Chlorophenol	6.951	128	918928	47.779	ng		99
9) Benzaldehyde	6.540	77	590756	53.942	ng		98
10) Phenol	6.616	94	1142509	47.123	ng		99
11) bis(2-Chloroethyl)ether	6.828	93	997816	48.057	ng		100
12) 1,3-Dichlorobenzene	7.263	146	1098474	48.063	ng		99
13) 1,4-Dichlorobenzene	7.410	146	1107084	47.843	ng		99
14) 1,2-Dichlorobenzene	7.722	146	1030619	47.204	ng		99
15) Benzyl Alcohol	7.628	79	847663	49.018	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.916	45	1272990	47.724	ng		100
17) 2-Methylphenol	7.834	107	786481	48.623	ng		99
18) Hexachloroethane	8.428	117	435333	48.568	ng		100
19) n-Nitroso-di-n-propyla...	8.192	70	759990	46.435	ng		99
20) 3+4-Methylphenols	8.163	107	1106673	48.940	ng		98
22) Acetophenone	8.198	105	1441742	46.625	ng		99
24) Nitrobenzene	8.569	77	1216089	47.470	ng		96
25) Isophorone	9.092	82	2139220	48.292	ng		100
26) 2-Nitrophenol	9.263	139	582500	51.343	ng		98
27) 2,4-Dimethylphenol	9.345	122	658437	49.545	ng		100
28) bis(2-Chloroethoxy)met...	9.575	93	1347358	48.339	ng		100
29) 2,4-Dichlorophenol	9.798	162	993725	50.395	ng		99
30) 1,2,4-Trichlorobenzene	9.998	180	1089421	48.819	ng		99
31) Naphthalene	10.180	128	3038911	47.619	ng		99
32) Benzoic acid	9.539	122	838043	53.976	ng		97
33) 4-Chloroaniline	10.310	127	1197445	48.793	ng		99
34) Hexachlorobutadiene	10.469	225	650107	49.773	ng		99
35) Caprolactam	11.127	113	344173	50.259	ng		99
36) 4-Chloro-3-methylphenol	11.457	107	1033238	49.201	ng		99
37) 2-Methylnaphthalene	11.810	142	2180425	47.987	ng		99
38) 1-Methylnaphthalene	12.033	142	2140830	47.673	ng		97
40) 1,2,4,5-Tetrachloroben...	12.186	216	1138431	50.043	ng		99
41) Hexachlorocyclopentadiene	12.163	237	415149	52.261	ng		100
43) 2,4,6-Trichlorophenol	12.445	196	821910	50.831	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047145.D
 Acq On : 10 Aug 2024 16:31
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Quant Time: Aug 11 23:34:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:24:37 2024
 Response via : Initial Calibration

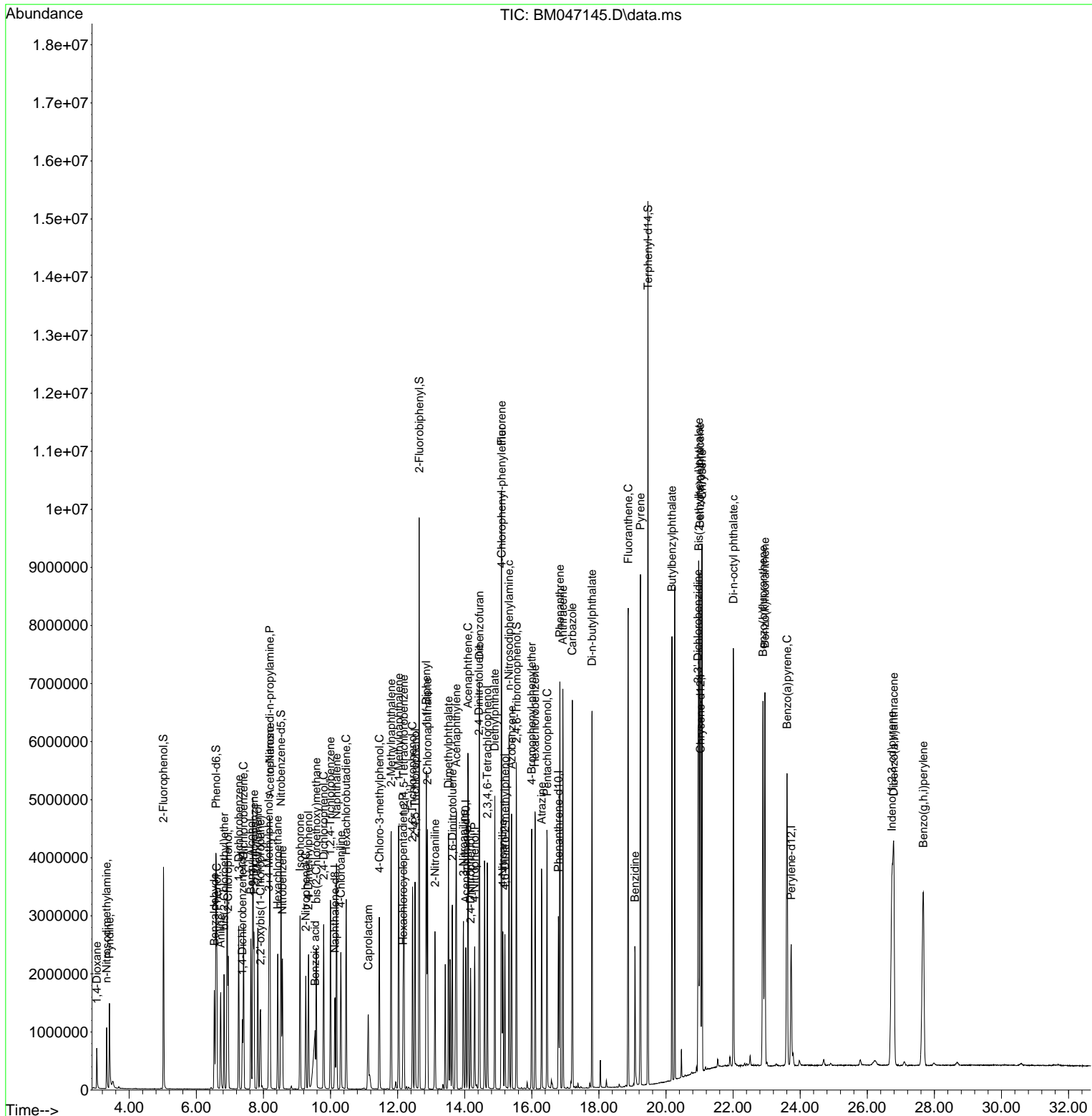
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.521	196	909210	50.644	ng	99
46) 1,1'-Biphenyl	12.857	154	2837162	47.782	ng	99
47) 2-Chloronaphthalene	12.892	162	2210354	47.627	ng	99
48) 2-Nitroaniline	13.116	65	733636	50.459	ng	98
49) Acenaphthylene	13.751	152	3284244	48.009	ng	100
50) Dimethylphthalate	13.516	163	2800312	48.073	ng	99
51) 2,6-Dinitrotoluene	13.633	165	679884	49.929	ng	95
52) Acenaphthene	14.098	154	2067281	47.640	ng	99
53) 3-Nitroaniline	13.963	138	683158	50.067	ng	100
54) 2,4-Dinitrophenol	14.174	184	424486	52.012	ng	99
55) Dibenzofuran	14.439	168	3249834	47.413	ng	100
56) 4-Nitrophenol	14.298	139	606437	51.542	ng	96
57) 2,4-Dinitrotoluene	14.427	165	917536	50.482	ng	100
58) Fluorene	15.098	166	2690806	47.578	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.674	232	738067	50.022	ng	99
60) Diethylphthalate	14.898	149	2846430	47.851	ng	100
61) 4-Chlorophenyl-phenyle...	15.104	204	1289728	47.901	ng	98
62) 4-Nitroaniline	15.139	138	661759	49.229	ng	99
63) Azobenzene	15.398	77	2669713	47.334	ng	98
65) 4,6-Dinitro-2-methylph...	15.198	198	545293	53.617	ng	99
66) n-Nitrosodiphenylamine	15.321	169	2285297	48.302	ng	100
67) 4-Bromophenyl-phenylether	15.998	248	831353	49.667	ng	99
68) Hexachlorobenzene	16.098	284	983119	49.041	ng	99
69) Atrazine	16.292	200	662204	46.512	ng	99
70) Pentachlorophenol	16.457	266	719505	51.201	ng	98
71) Phenanthrene	16.839	178	4199256	48.170	ng	100
72) Anthracene	16.927	178	4107556	48.425	ng	100
73) Carbazole	17.209	167	4142913	47.836	ng	100
74) Di-n-butylphthalate	17.798	149	4924066	48.863	ng	100
75) Fluoranthene	18.874	202	5120629	48.293	ng	99
77) Benzidine	19.074	184	1399934	54.615	ng	100
78) Pyrene	19.239	202	5342784	49.505	ng	99
80) Butylbenzylphthalate	20.180	149	2261582	51.348	ng	97
81) Benzo(a)anthracene	21.015	228	4879819	48.632	ng	100
82) 3,3'-Dichlorobenzidine	20.956	252	1613787	51.403	ng	100
83) Chrysene	21.074	228	4586625	48.178	ng	99
84) Bis(2-ethylhexyl)phtha...	20.980	149	3143788	50.331	ng	99
85) Di-n-octyl phthalate	22.009	149	5477285	51.591	ng	99
87) Indeno(1,2,3-cd)pyrene	26.732	276	5881591	49.416	ng	100
88) Benzo(b)fluoranthene	22.891	252	5425845	49.618	ng	99
89) Benzo(k)fluoranthene	22.950	252	4875078	47.199	ng	99
90) Benzo(a)pyrene	23.609	252	4657835	49.170	ng	99
91) Dibenzo(a,h)anthracene	26.785	278	4698026	48.774	ng	100
92) Benzo(g,h,i)perylene	27.668	276	4981580	49.812	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

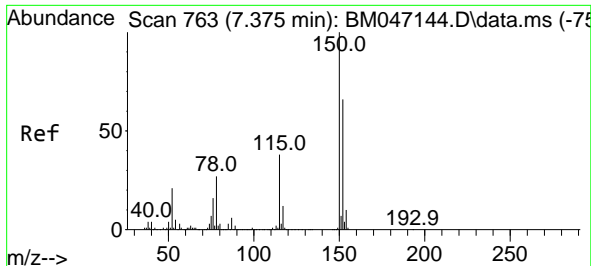
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Data File : BM047145.D
Acq On : 10 Aug 2024 16:31
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Aug 11 23:34:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:24:37 2024
Response via : Initial Calibration



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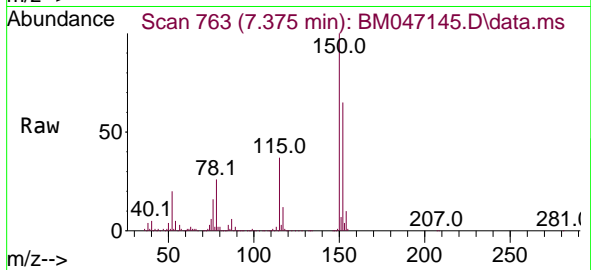
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.375 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :

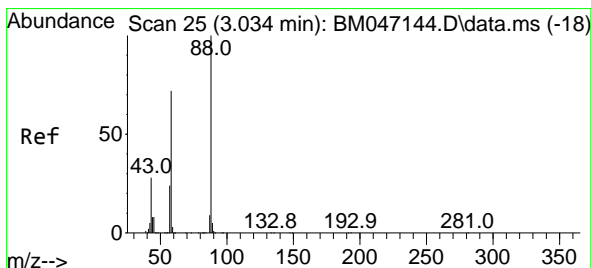
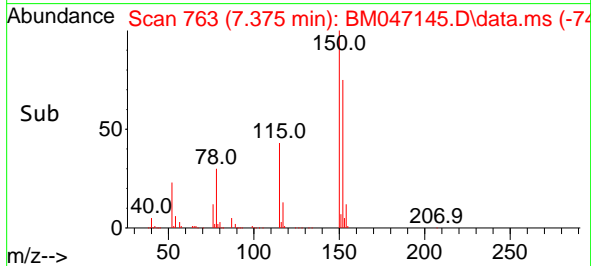
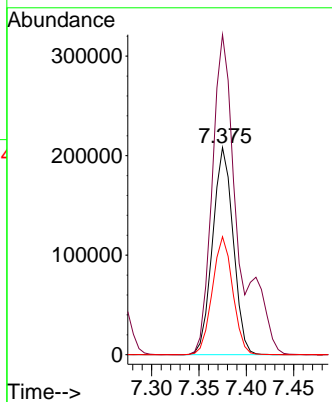
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ClientSampleId :

SSTDICC050

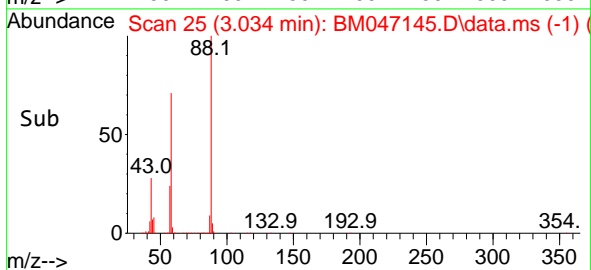
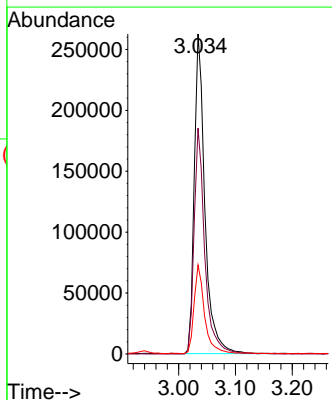
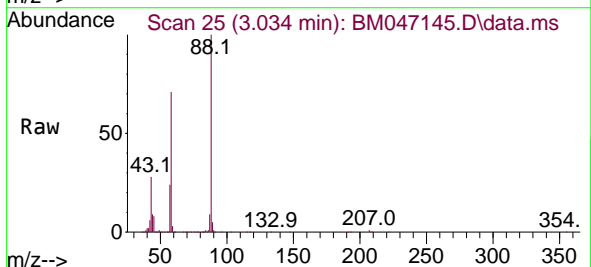


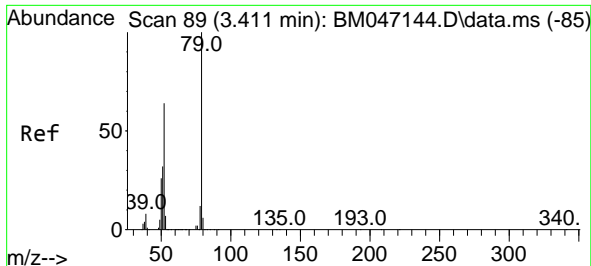
Tgt Ion:152 Resp: 315091
 Ion Ratio Lower Upper
 152 100
 150 154.4 120.5 180.7
 115 56.9 45.5 68.3



#2
 1,4-Dioxane
 Concen: 46.976 ng
 RT: 3.034 min Scan# 25
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion: 88 Resp: 343225
 Ion Ratio Lower Upper
 88 100
 58 70.8 58.2 87.4
 43 28.0 22.5 33.7

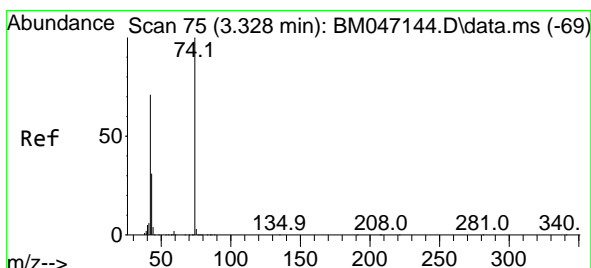
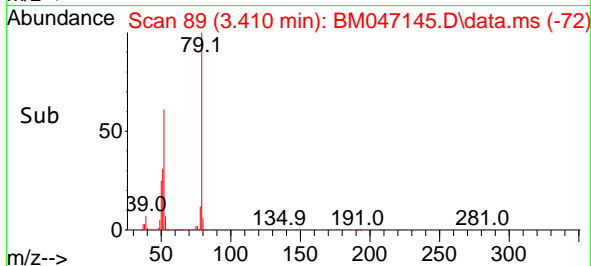
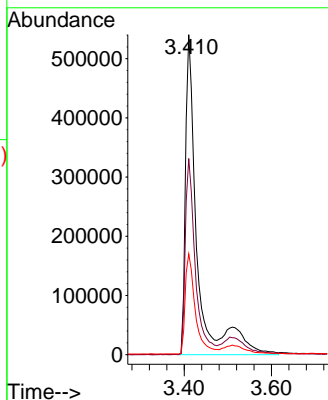
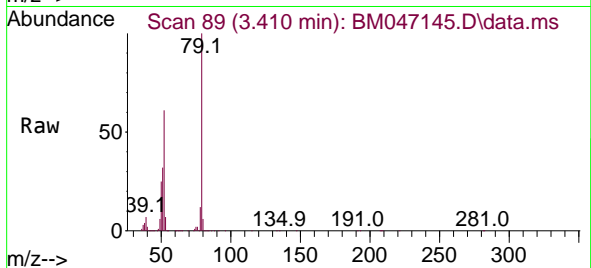




#3
 Pyridine
 Concen: 47.780 ng m
 RT: 3.410 min Scan# 89
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

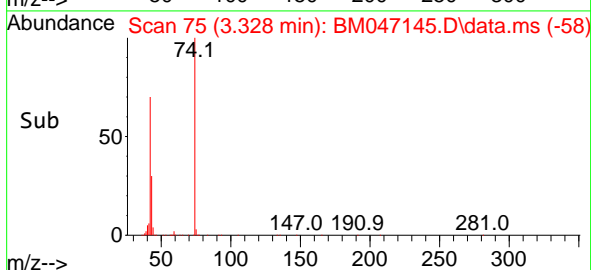
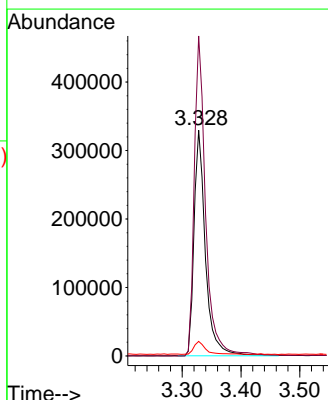
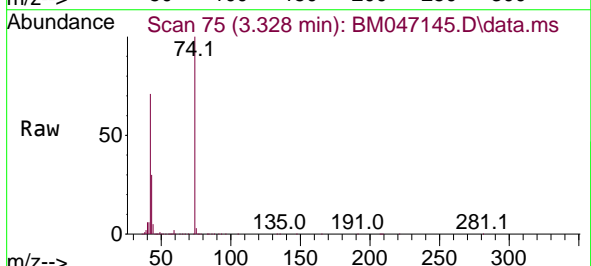
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

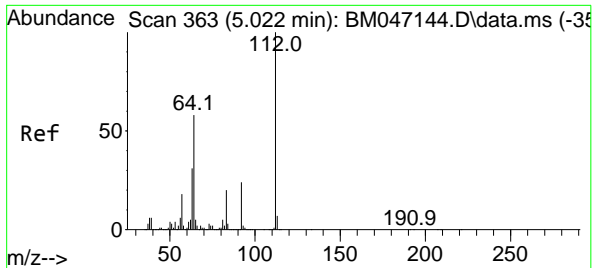
Tgt Ion: 79 Resp: 1022963
 Ion Ratio Lower Upper
 79 100
 52 61.3 51.2 76.8
 51 31.5 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 47.479 ng
 RT: 3.328 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

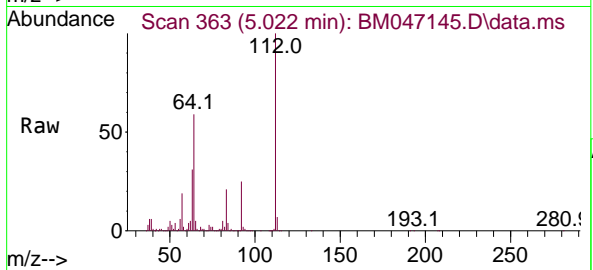
Tgt Ion: 42 Resp: 444430
 Ion Ratio Lower Upper
 42 100
 74 141.7 112.9 169.3
 44 6.4 5.3 7.9



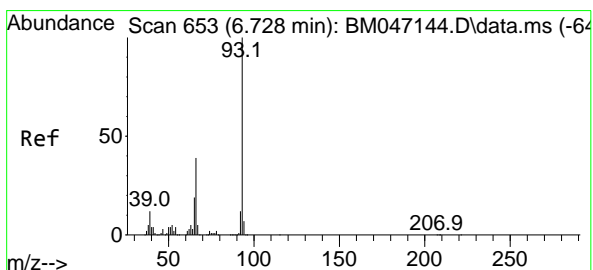
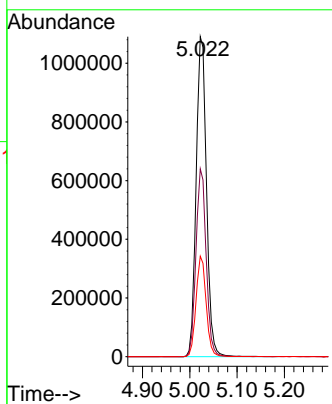
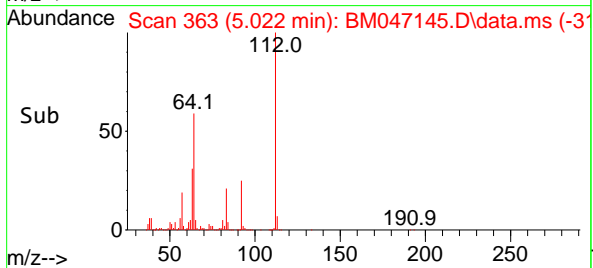


#5
 2-Fluorophenol
 Concen: 93.844 ng
 RT: 5.022 min Scan# 363
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

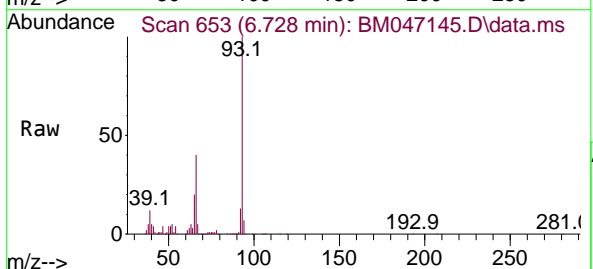
Instrument : BNA_M
 ClientSampleId : SSTDICC050



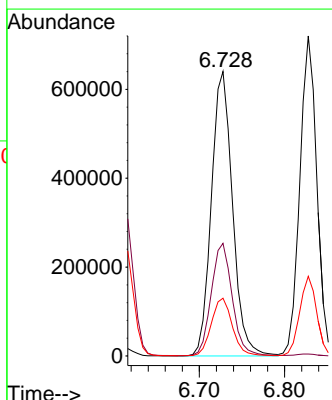
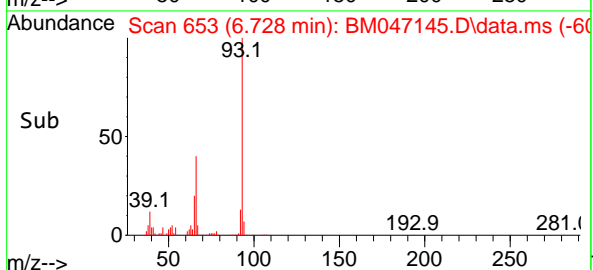
Tgt Ion:112 Resp: 1654844
 Ion Ratio Lower Upper
 112 100
 64 58.7 46.7 70.1
 63 31.4 24.8 37.2

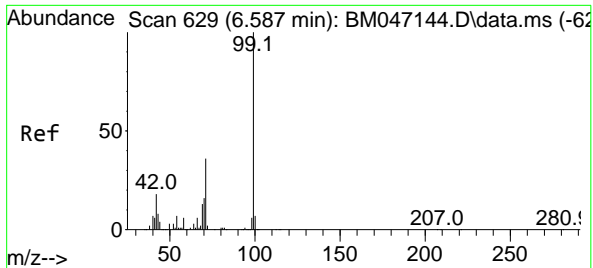


#6
 Aniline
 Concen: 48.069 ng
 RT: 6.728 min Scan# 653
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31



Tgt Ion: 93 Resp: 1103960
 Ion Ratio Lower Upper
 93 100
 66 39.6 31.4 47.2
 65 20.3 15.6 23.4



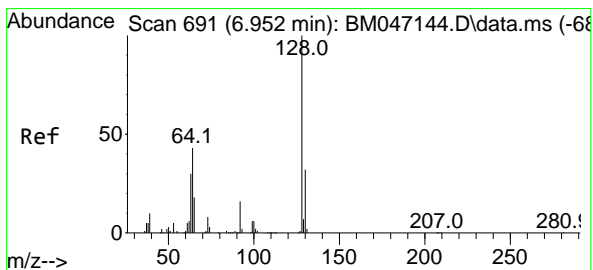
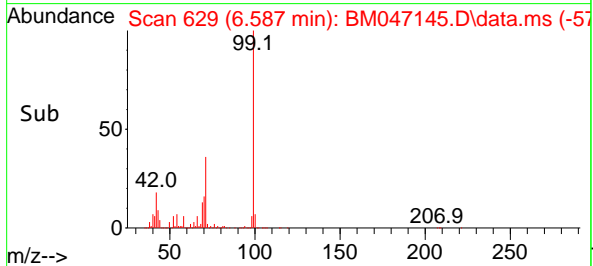
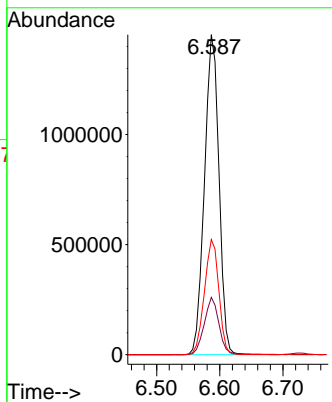
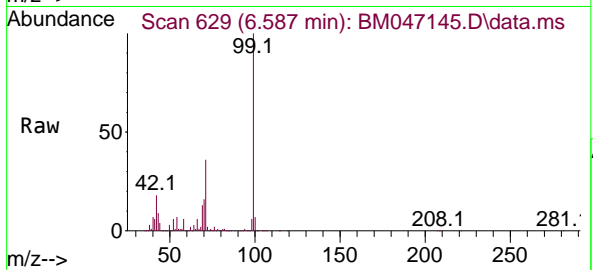


#7
 Phenol-d6
 Concen: 95.298 ng
 RT: 6.587 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tgt Ion: 99 Resp: 2315558

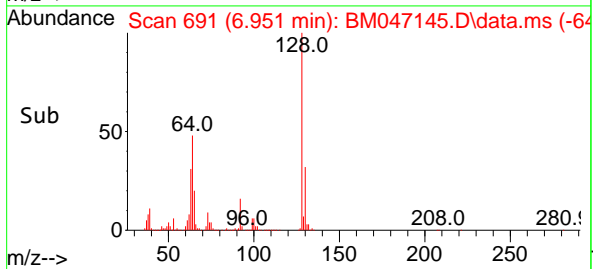
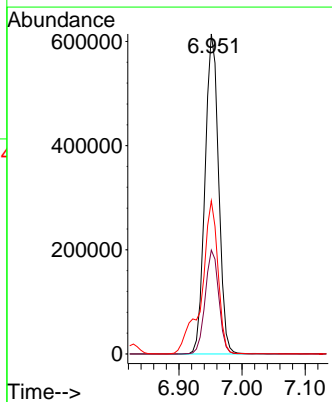
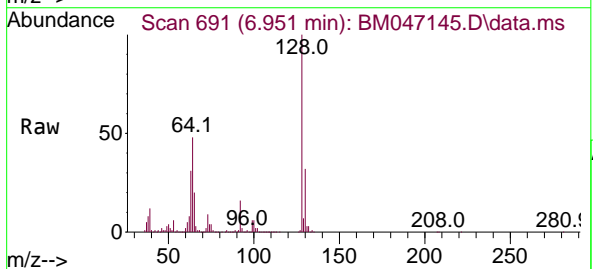
Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.1	21.1
71	36.0	28.5	42.7

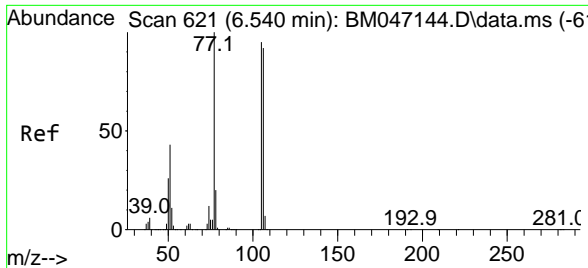


#8
 2-Chlorophenol
 Concen: 47.779 ng
 RT: 6.951 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion: 128 Resp: 918928

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.1	52.1
64	47.8	26.6	66.6



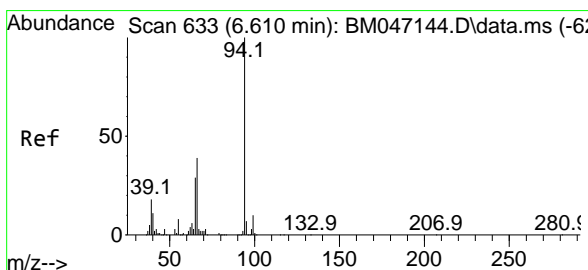
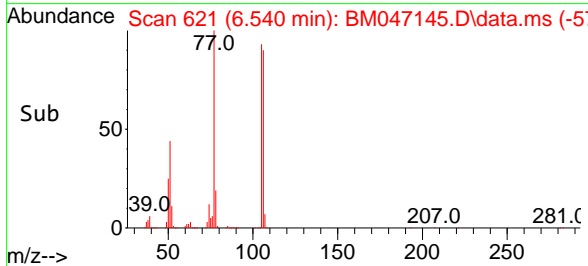
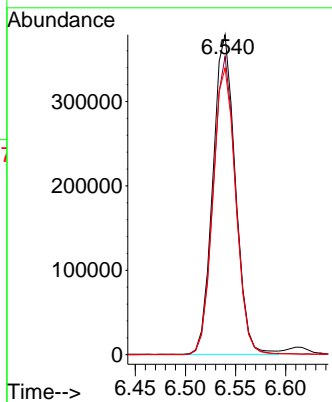
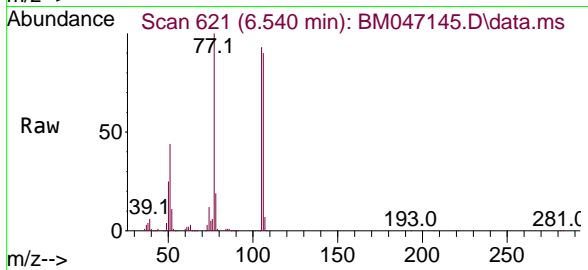


#9
Benzaldehyde
Concen: 53.942 ng
RT: 6.540 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047145.D
Acq: 10 Aug 2024 16:31

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 590756

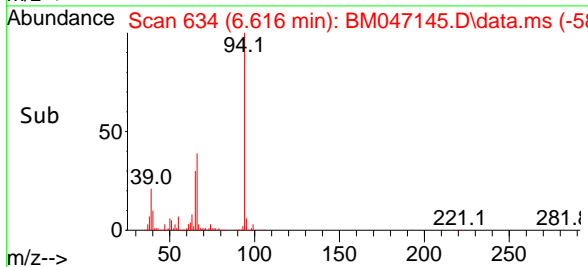
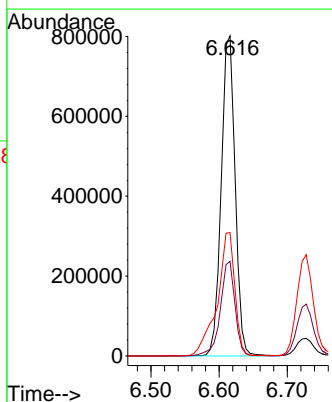
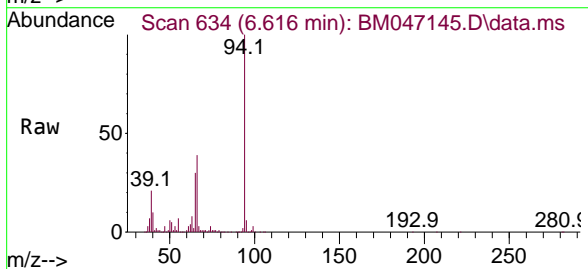
Ion	Ratio	Lower	Upper
77	100		
105	93.2	74.5	114.5
106	89.6	72.3	112.3

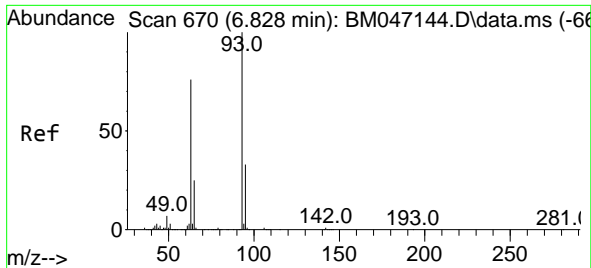


#10
Phenol
Concen: 47.123 ng
RT: 6.616 min Scan# 634
Delta R.T. 0.006 min
Lab File: BM047145.D
Acq: 10 Aug 2024 16:31

Tgt Ion: 94 Resp: 1142509

Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.0	49.0
66	38.5	18.9	58.9



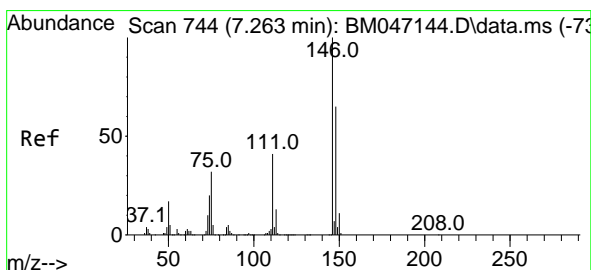
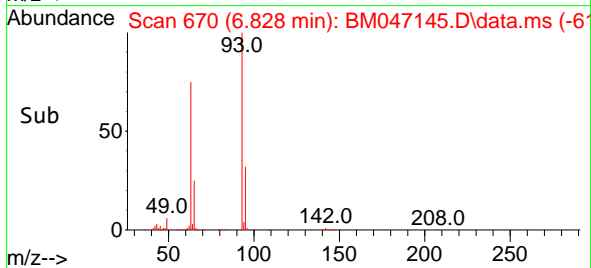
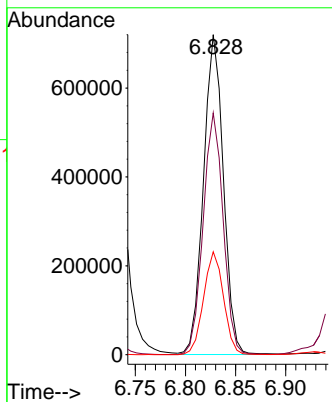
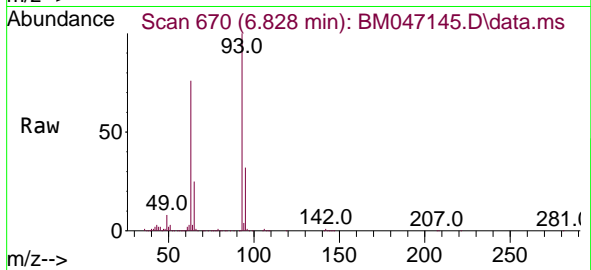


#11
 bis(2-Chloroethyl)ether
 Concen: 48.057 ng
 RT: 6.828 min Scan# 670
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument : BNA_M
 ClientSampleId : SSTDICC050

Tgt Ion: 93 Resp: 997816

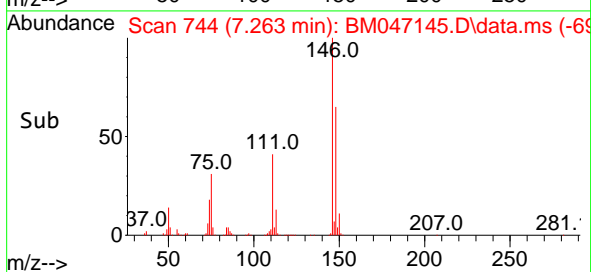
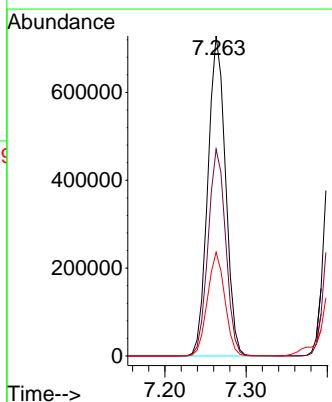
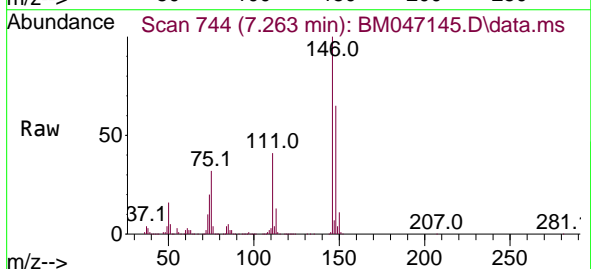
Ion	Ratio	Lower	Upper
93	100		
63	75.5	55.8	95.8
95	32.2	12.7	52.7

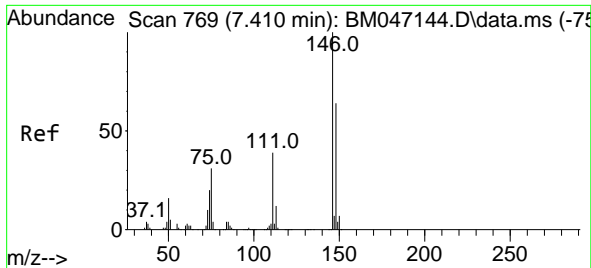


#12
 1,3-Dichlorobenzene
 Concen: 48.063 ng
 RT: 7.263 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion: 146 Resp: 1098474

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.3	78.5
75	32.4	25.8	38.6



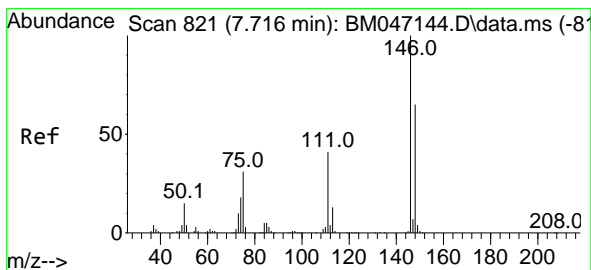
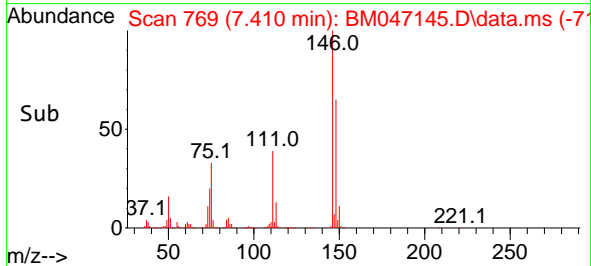
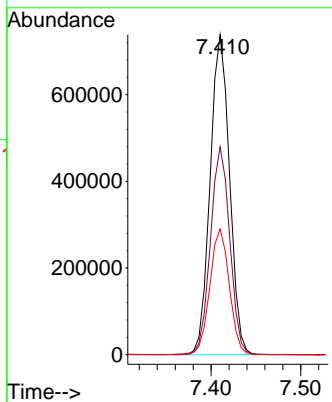
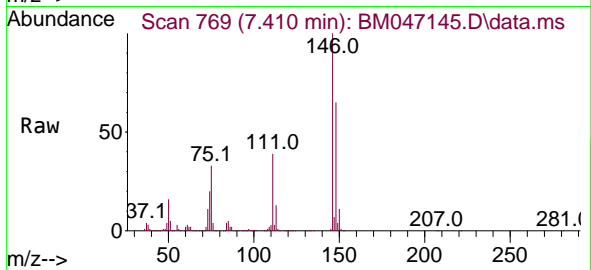


#13
 1,4-Dichlorobenzene
 Concen: 47.843 ng
 RT: 7.410 min Scan# 709
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument : BNA_M
 ClientSampleId : SSTDICC050

Tgt Ion:146 Resp: 1107084

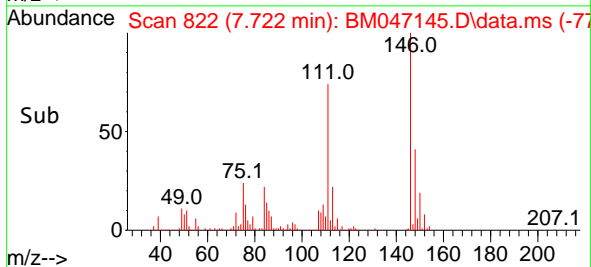
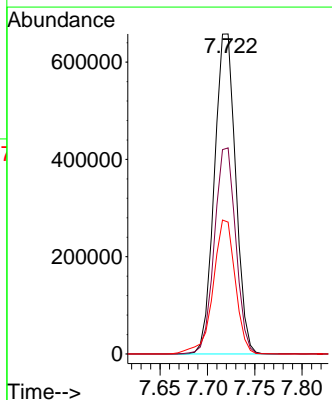
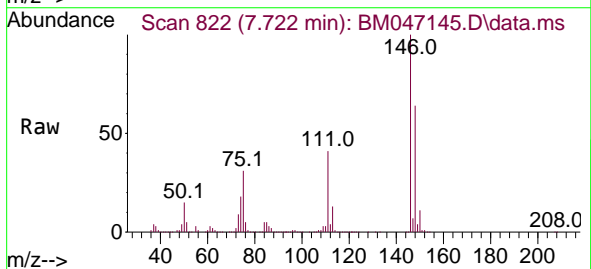
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
111	39.3	31.5	47.3

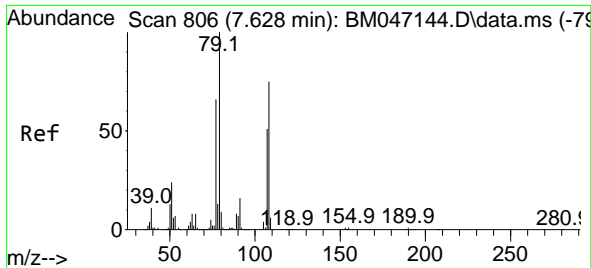


#14
 1,2-Dichlorobenzene
 Concen: 47.204 ng
 RT: 7.722 min Scan# 822
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:146 Resp: 1030619

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
111	41.2	33.3	49.9



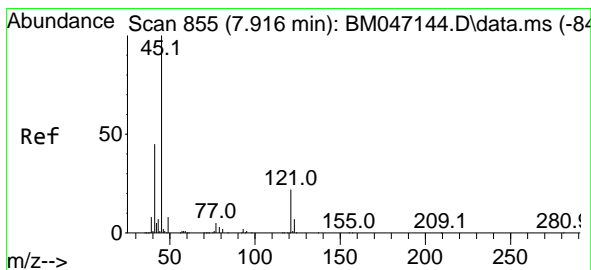
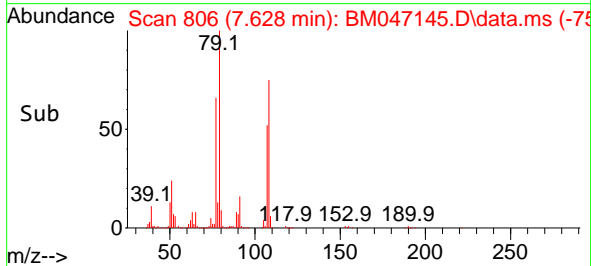
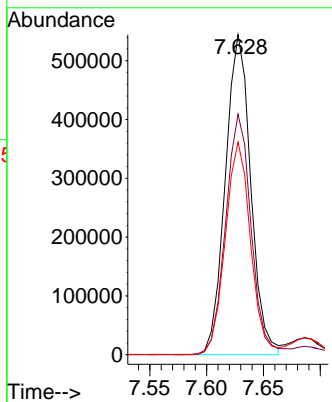
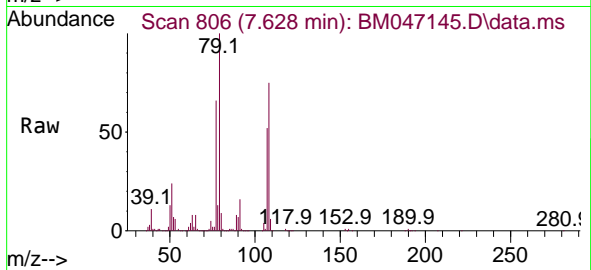


#15
Benzyl Alcohol
Concen: 49.018 ng
RT: 7.628 min Scan# 806
Delta R.T. -0.000 min
Lab File: BM047145.D
Acq: 10 Aug 2024 16:31

Instrument : BNA_M
Client Sample Id : SSTDICC050

Tgt Ion: 79 Resp: 847663

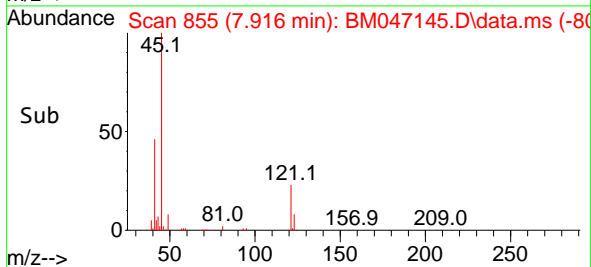
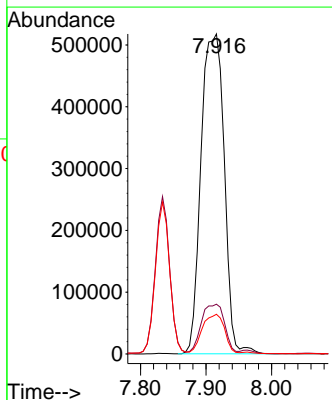
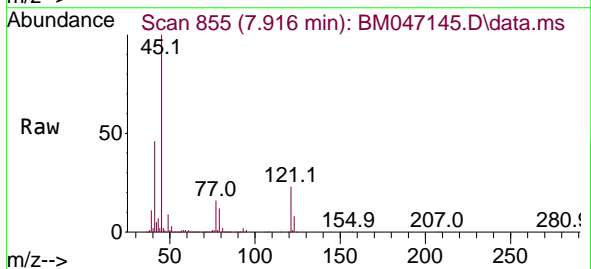
Ion	Ratio	Lower	Upper
79	100		
108	75.2	59.7	89.5
77	66.5	52.9	79.3

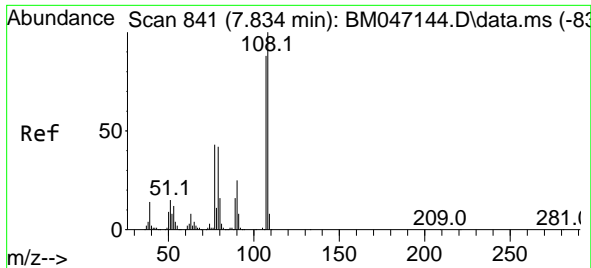


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.724 ng
RT: 7.916 min Scan# 855
Delta R.T. -0.000 min
Lab File: BM047145.D
Acq: 10 Aug 2024 16:31

Tgt Ion: 45 Resp: 1272990

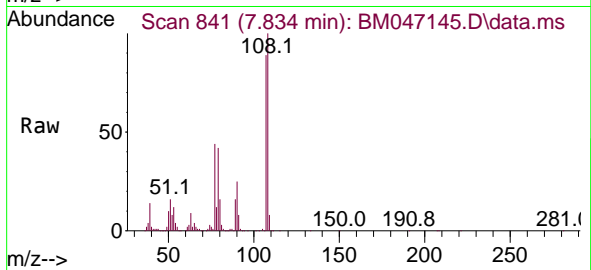
Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	35.6
79	12.4	0.0	32.4





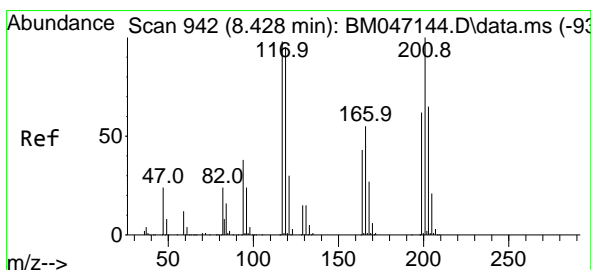
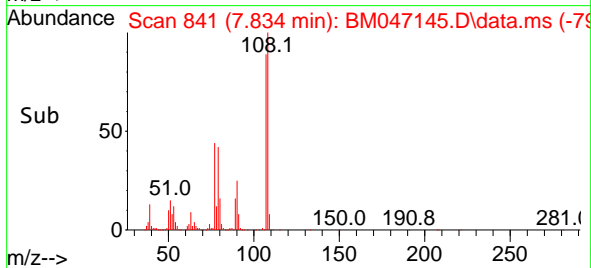
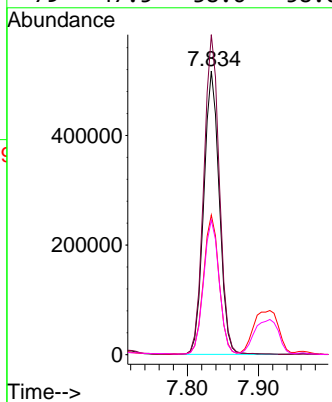
#17
 2-Methylphenol
 Concen: 48.623 ng
 RT: 7.834 min Scan# 841
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument : BNA_M
 ClientSampleId : SSTDICC050



Tgt Ion:107 Resp: 786481

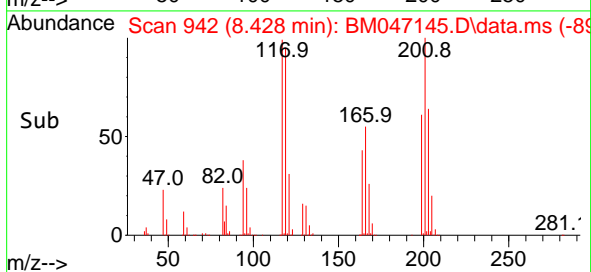
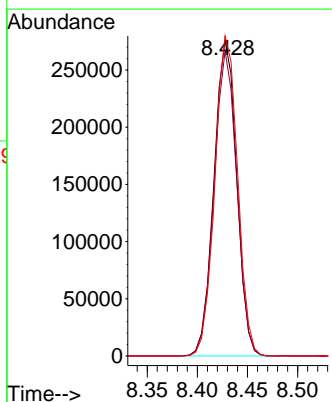
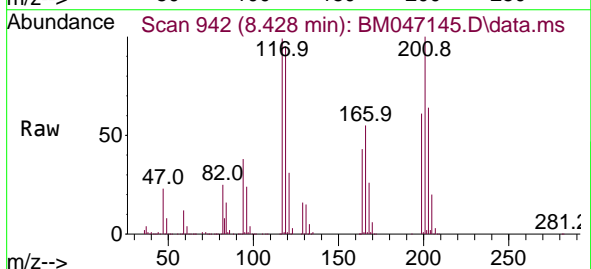
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.6	135.8
77	49.2	39.3	58.9
79	47.5	38.6	58.0

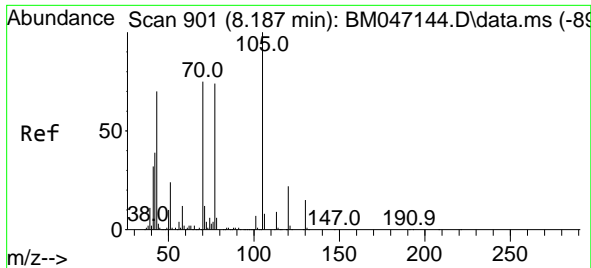


#18
 Hexachloroethane
 Concen: 48.568 ng
 RT: 8.428 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:117 Resp: 435333

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.0	115.4
201	101.4	81.3	121.9



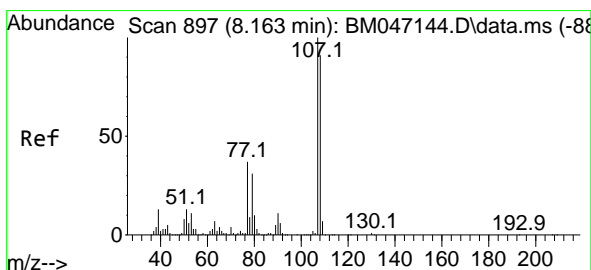
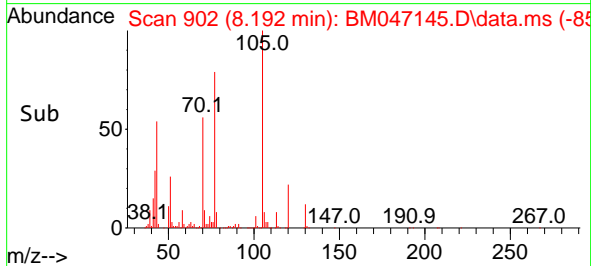
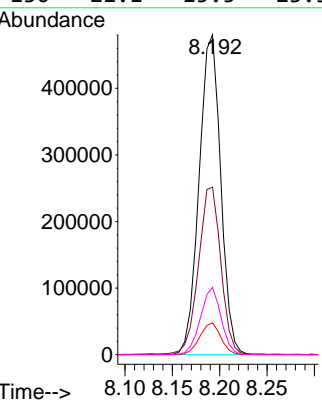
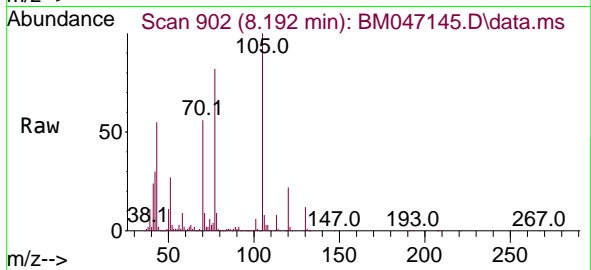


#19
 n-Nitroso-di-n-propylamine
 Concen: 46.435 ng
 RT: 8.192 min Scan# 901
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tgt Ion: 70 Resp: 759990

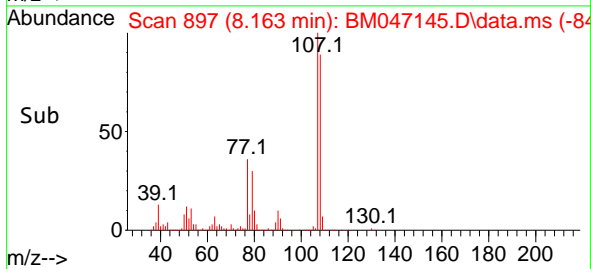
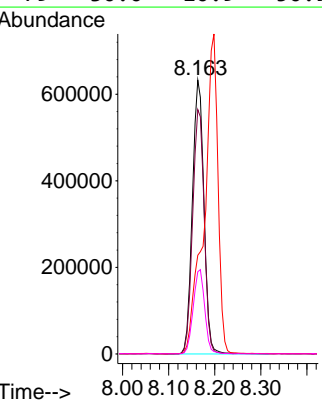
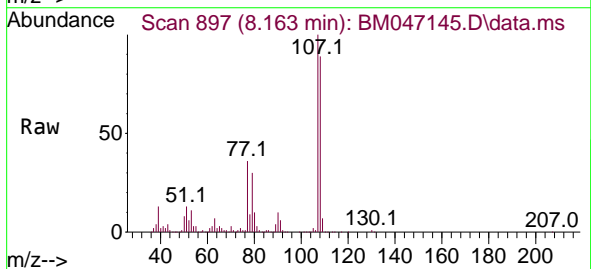
Ion	Ratio	Lower	Upper
70	100		
42	52.4	42.0	63.0
101	10.0	7.2	10.8
130	21.1	15.5	23.3

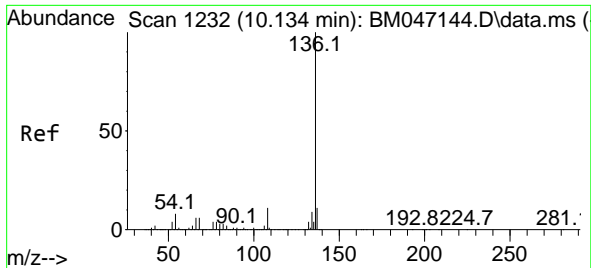


#20
 3+4-Methylphenols
 Concen: 48.940 ng
 RT: 8.163 min Scan# 897
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion: 107 Resp: 1106673

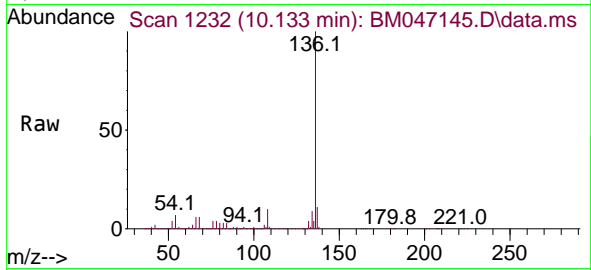
Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.7	110.7
77	36.0	17.4	57.4
79	30.0	10.9	50.9





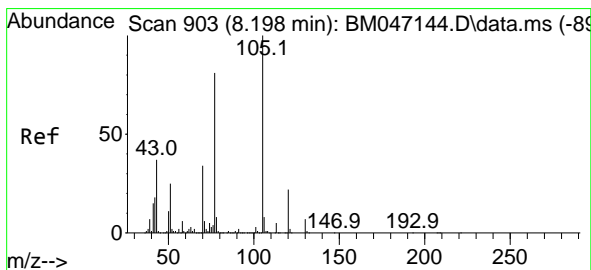
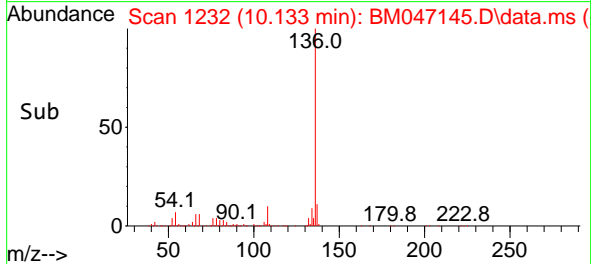
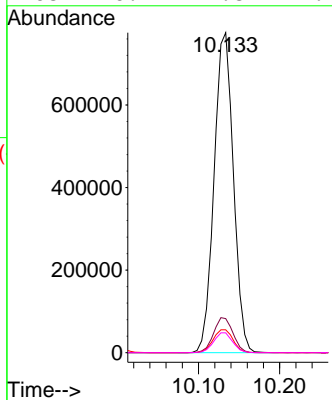
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.133 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050



Tgt Ion:136 Resp: 1281047

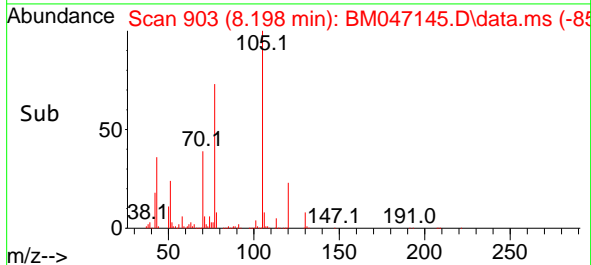
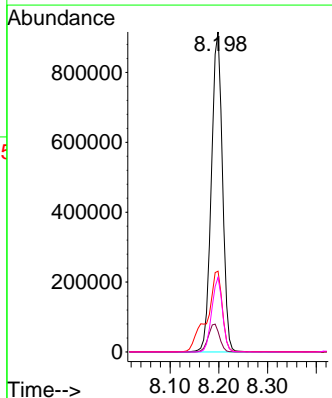
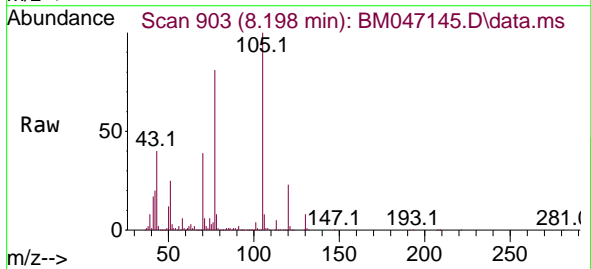
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.2	6.0	9.0
68	6.2	4.8	7.2

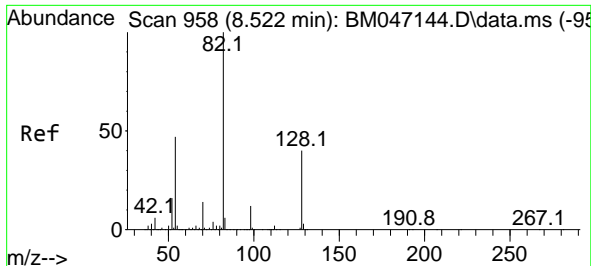


#22
 Acetophenone
 Concen: 46.625 ng
 RT: 8.198 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:105 Resp: 1441742

Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.5	6.7
51	25.2	20.1	30.1
120	23.3	17.8	26.6



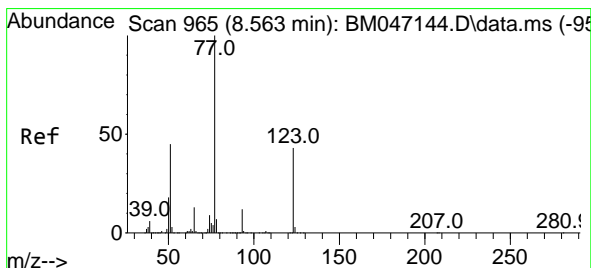
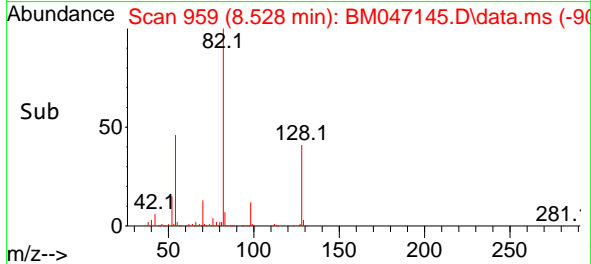
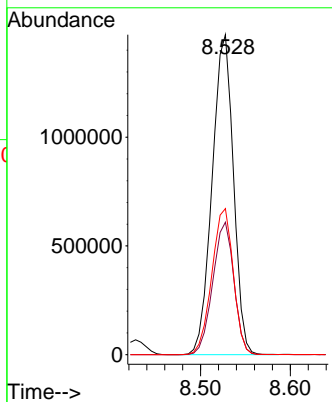
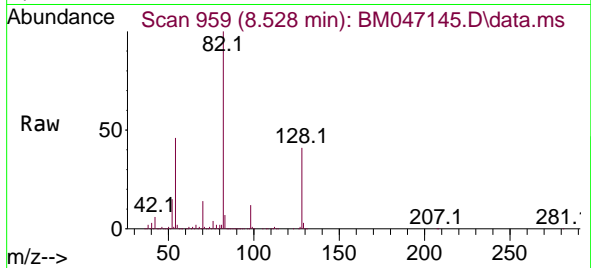


#23
 Nitrobenzene-d5
 Concen: 95.162 ng
 RT: 8.528 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument : BNA_M
 ClientSampleId : SSTDICC050

Tgt Ion: 82 Resp: 2421031

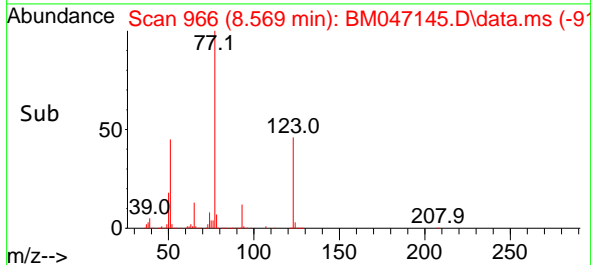
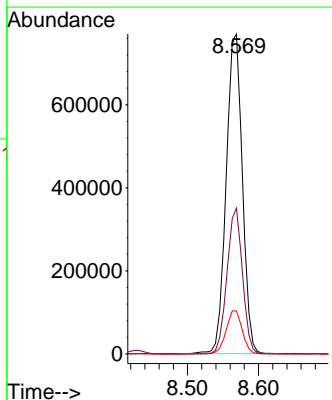
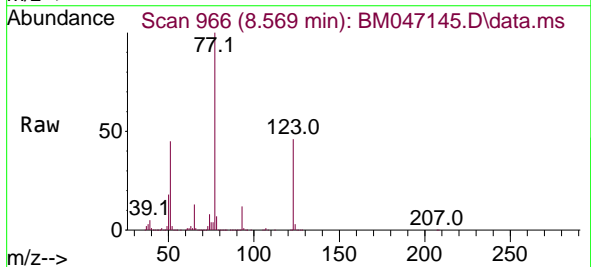
Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.3	48.5
54	45.7	37.4	56.2

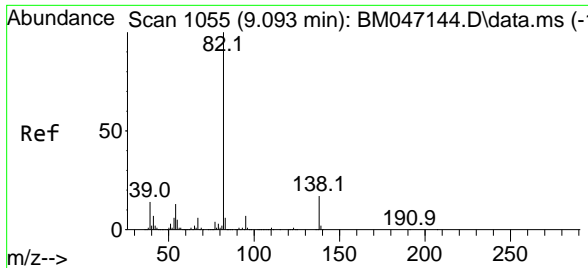


#24
 Nitrobenzene
 Concen: 47.470 ng
 RT: 8.569 min Scan# 966
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion: 77 Resp: 1216089

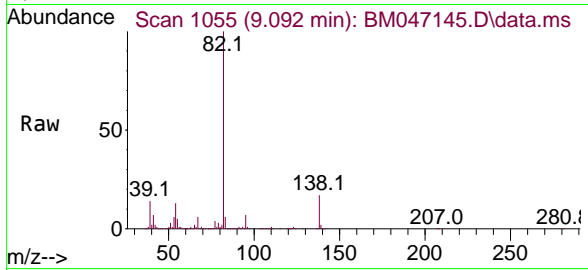
Ion	Ratio	Lower	Upper
77	100		
123	45.6	34.0	51.0
65	13.4	10.5	15.7



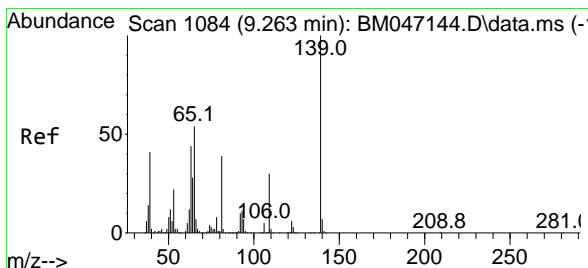
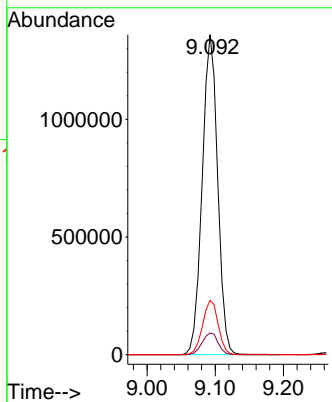
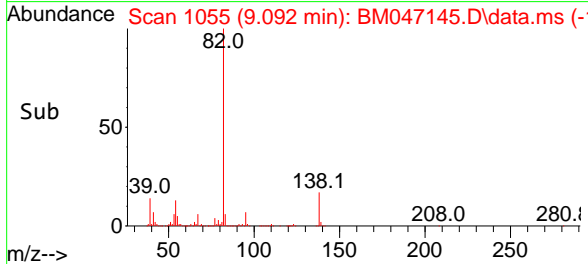


#25
 Isophorone
 Concen: 48.292 ng
 RT: 9.092 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

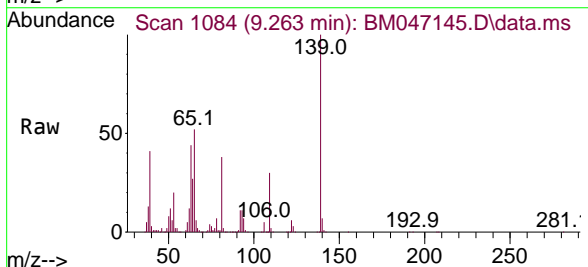
Instrument : BNA_M
 ClientSampleId : SSTDICC050



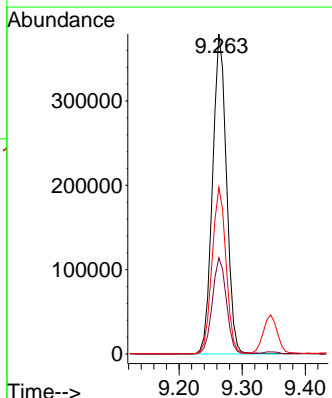
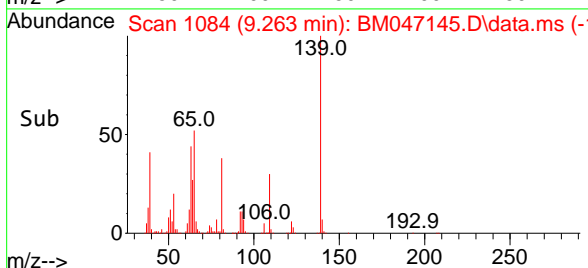
Tgt Ion: 82 Resp: 2139220
 Ion Ratio Lower Upper
 82 100
 95 6.8 5.5 8.3
 138 17.0 13.5 20.3

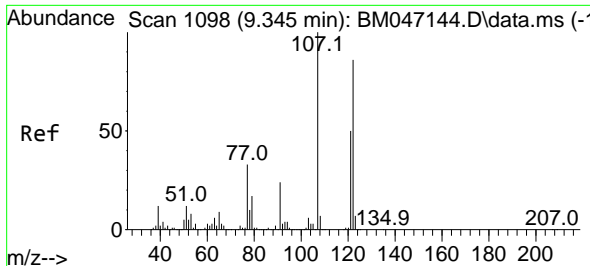


#26
 2-Nitrophenol
 Concen: 51.343 ng
 RT: 9.263 min Scan# 1084
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31



Tgt Ion: 139 Resp: 582500
 Ion Ratio Lower Upper
 139 100
 109 30.1 24.4 36.6
 65 52.0 43.0 64.6





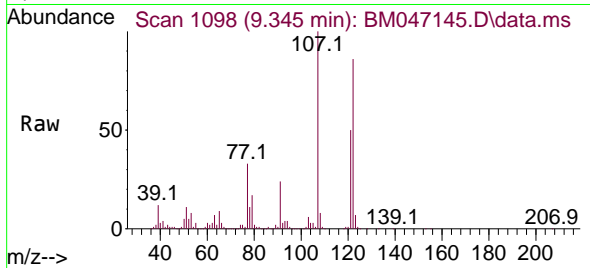
#27
 2,4-Dimethylphenol
 Concen: 49.545 ng
 RT: 9.345 min Scan# 1098
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :

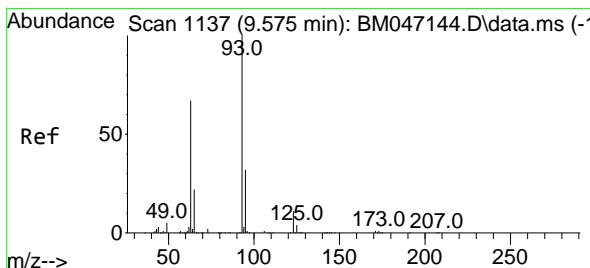
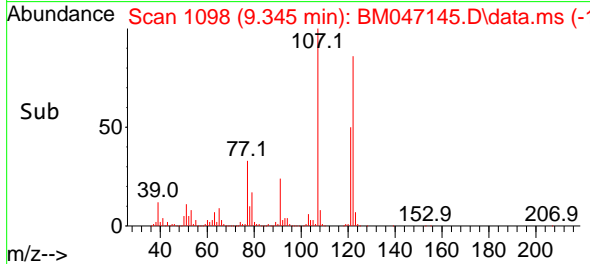
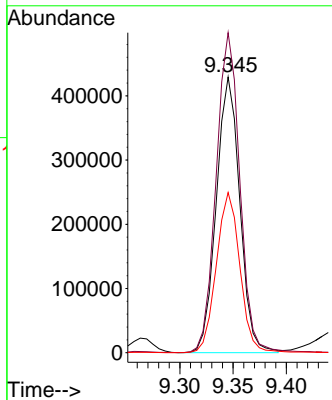
BNA_M

ClientSampleId :

SSTDICC050

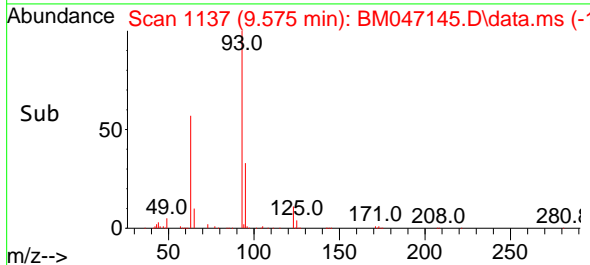
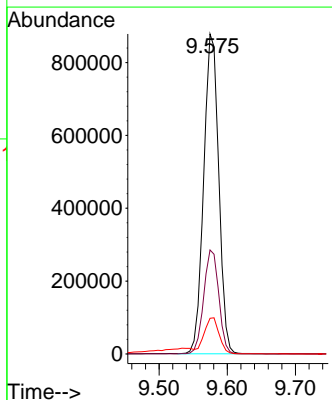
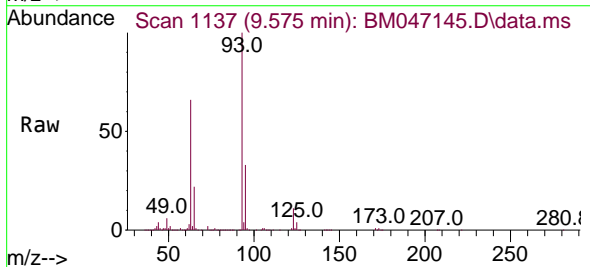


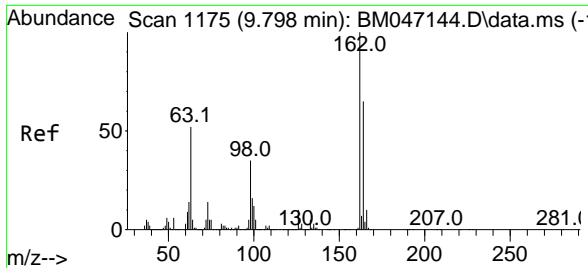
Tgt Ion:122 Resp: 658437
 Ion Ratio Lower Upper
 122 100
 107 116.1 92.8 139.2
 121 58.1 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.339 ng
 RT: 9.575 min Scan# 1137
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion: 93 Resp: 1347358
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.8 38.8
 123 11.1 9.0 13.4



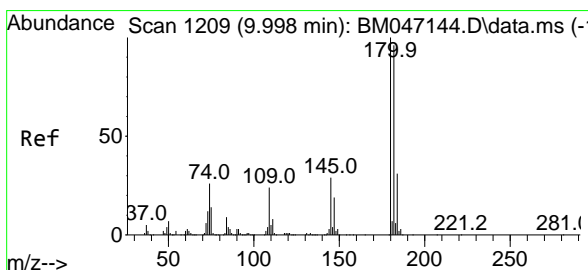
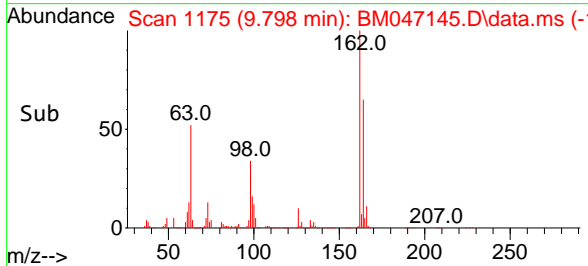
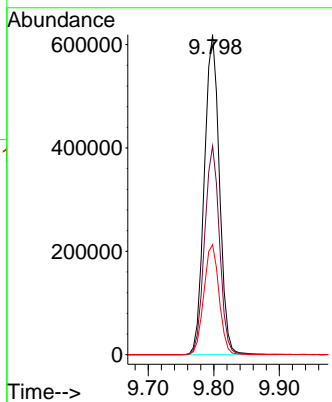
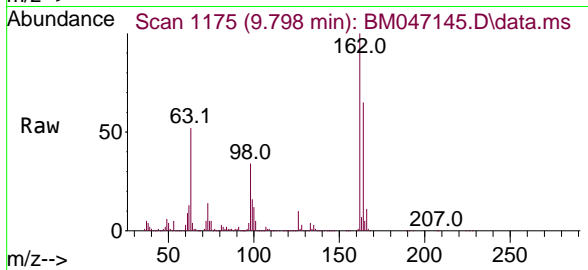


#29
 2,4-Dichlorophenol
 Concen: 50.395 ng
 RT: 9.798 min Scan# 1175
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tgt Ion:162 Resp: 993725

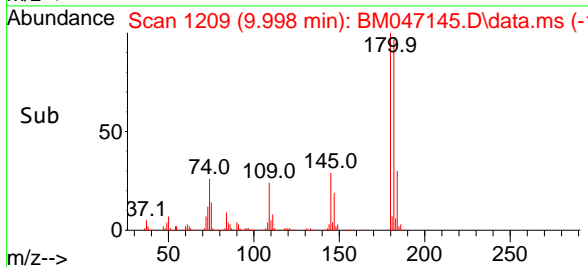
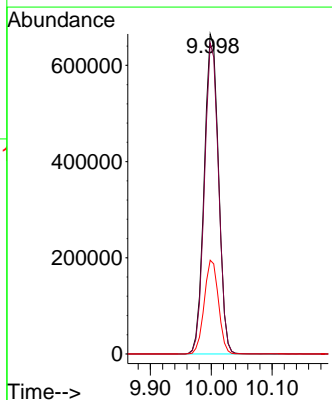
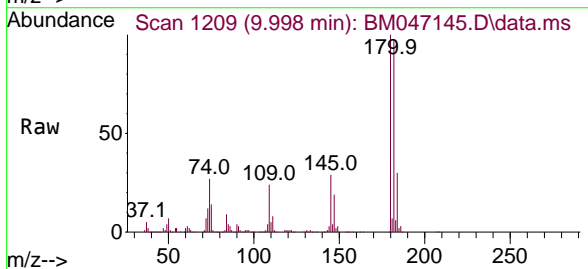
Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.7	84.7
98	34.4	14.9	54.9

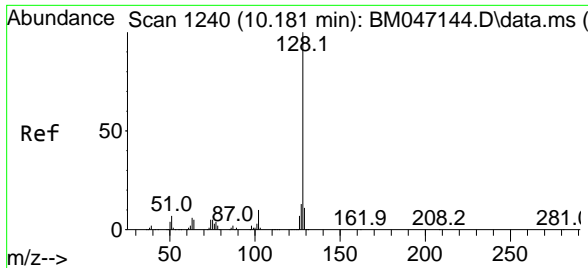


#30
 1,2,4-Trichlorobenzene
 Concen: 48.819 ng
 RT: 9.998 min Scan# 1209
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:180 Resp: 1089421

Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.6	115.0
145	29.3	23.4	35.2



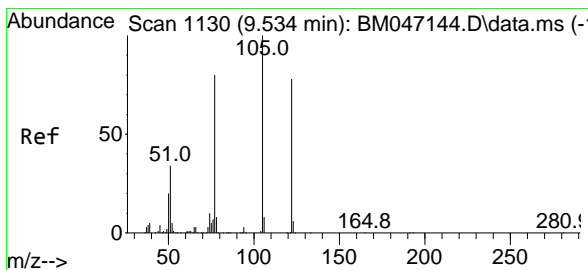
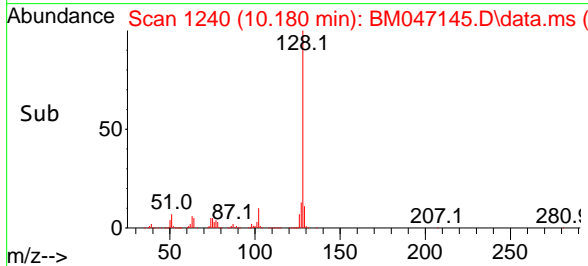
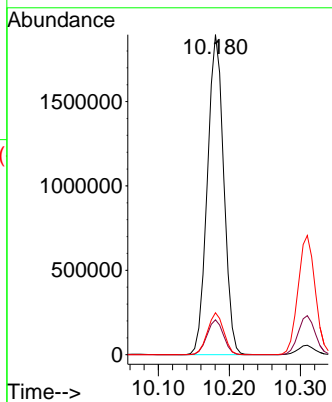
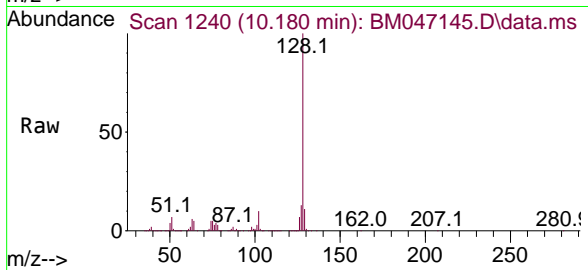


#31
 Naphthalene
 Concen: 47.619 ng
 RT: 10.180 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument : BNA_M
 ClientSampleId : SSTDICC050

Tgt Ion:128 Resp: 3038911

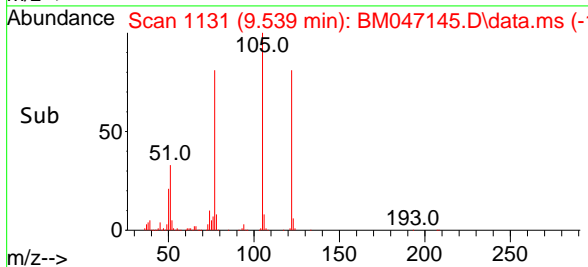
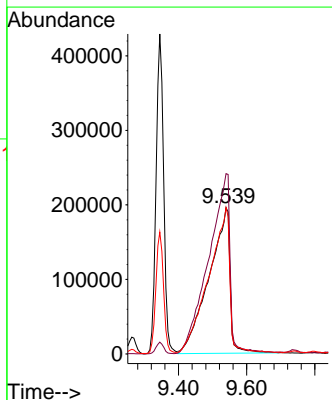
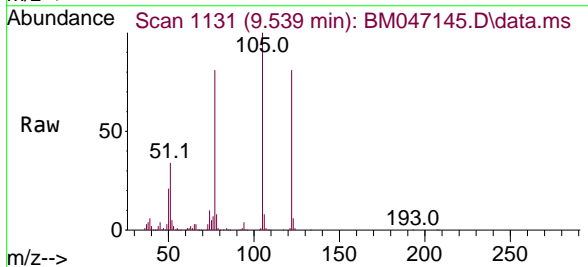
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.1	10.2	15.4

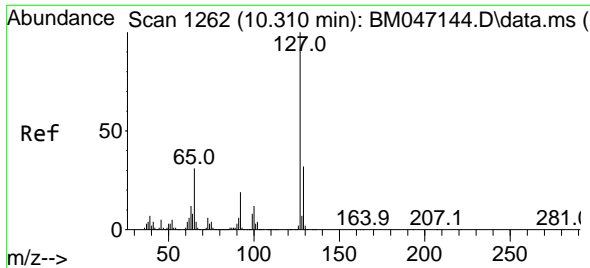


#32
 Benzoic acid
 Concen: 53.976 ng
 RT: 9.539 min Scan# 1131
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:122 Resp: 838043

Ion	Ratio	Lower	Upper
122	100		
105	123.3	107.1	147.1
77	99.9	82.1	122.1



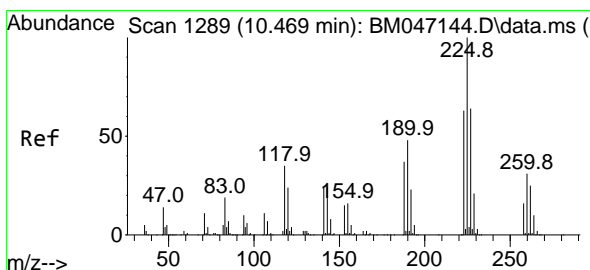
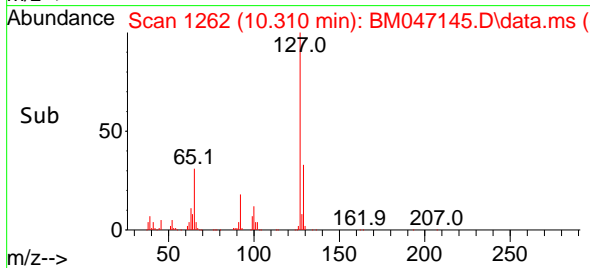
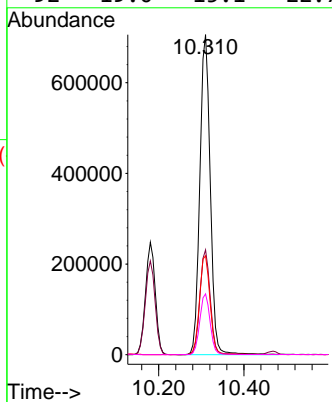
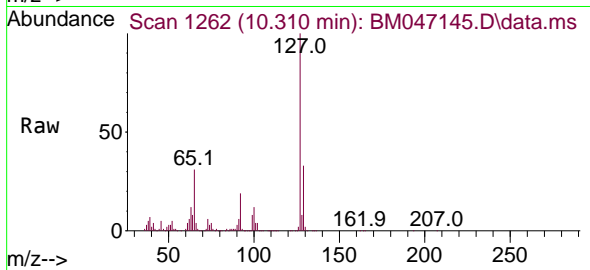


#33
 4-Chloroaniline
 Concen: 48.793 ng
 RT: 10.310 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tgt Ion:127 Resp: 1197445

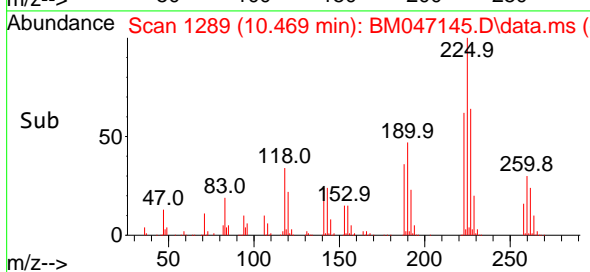
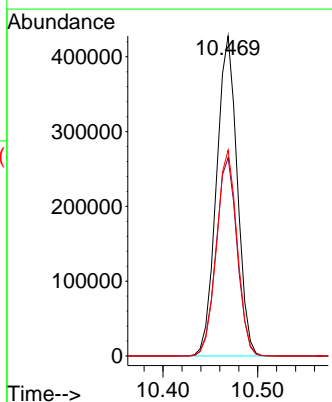
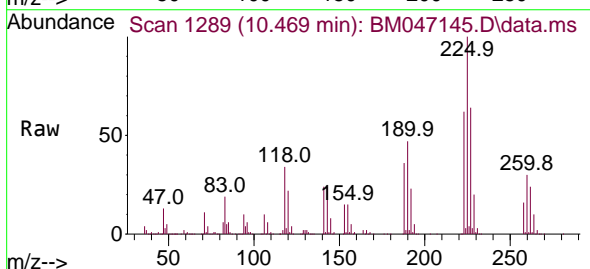
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	30.9	24.9	37.3
92	19.0	15.1	22.7

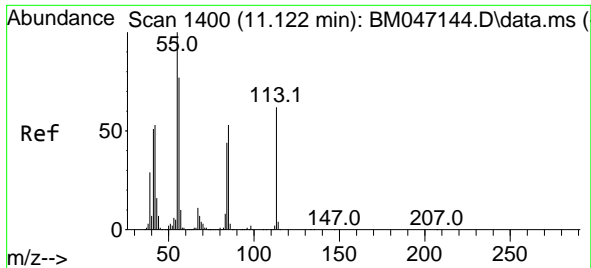


#34
 Hexachlorobutadiene
 Concen: 49.773 ng
 RT: 10.469 min Scan# 1289
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:225 Resp: 650107

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.2	75.2
227	64.4	51.4	77.0



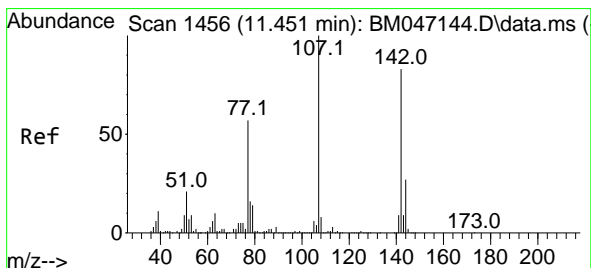
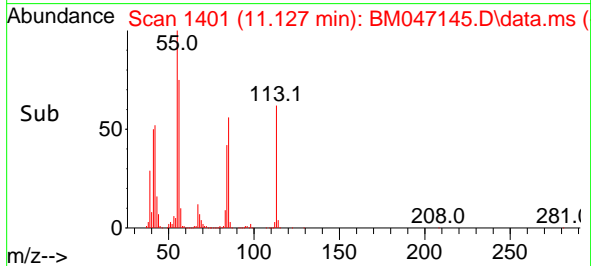
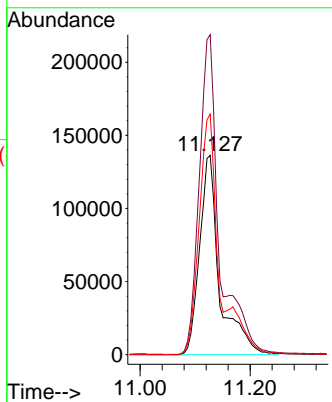
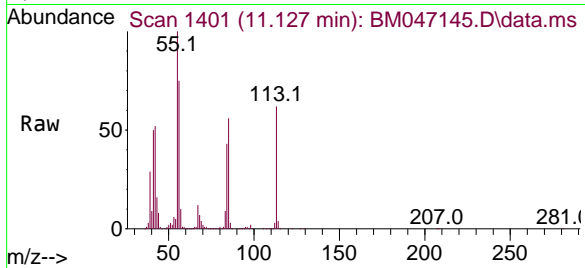


#35
 Caprolactam
 Concen: 50.259 ng
 RT: 11.127 min Scan# 1401
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument : BNA_M
 ClientSampleId : SSTDICC050

Tgt Ion:113 Resp: 344173

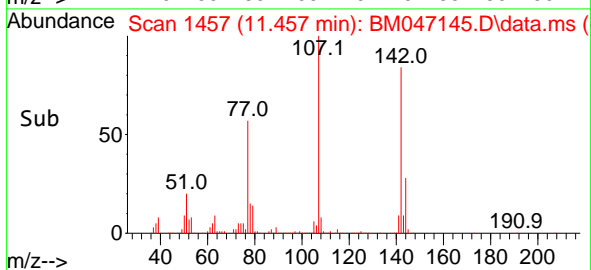
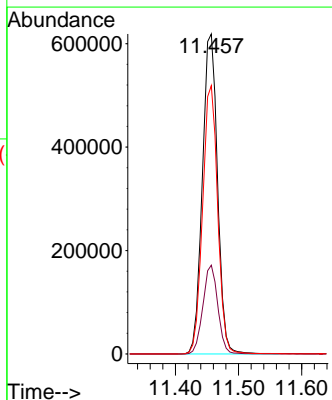
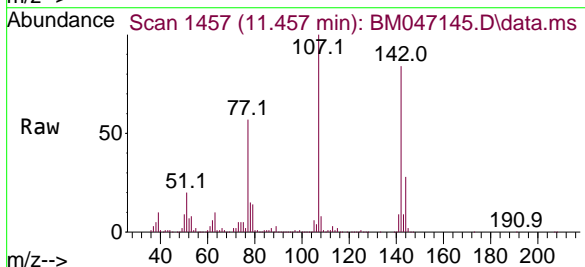
Ion	Ratio	Lower	Upper
113	100		
55	160.6	140.5	180.5
56	120.7	103.6	143.6

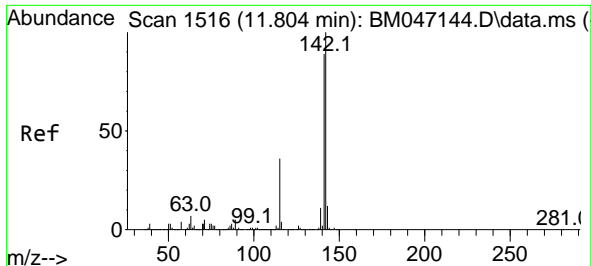


#36
 4-Chloro-3-methylphenol
 Concen: 49.201 ng
 RT: 11.457 min Scan# 1457
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:107 Resp: 1033238

Ion	Ratio	Lower	Upper
107	100		
144	27.8	21.8	32.6
142	83.9	66.8	100.2



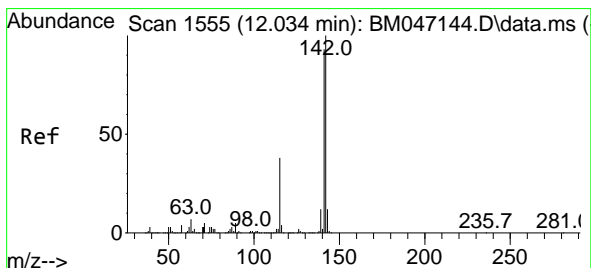
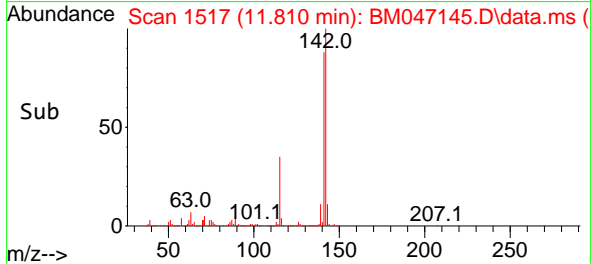
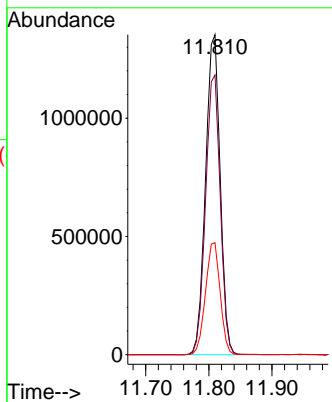
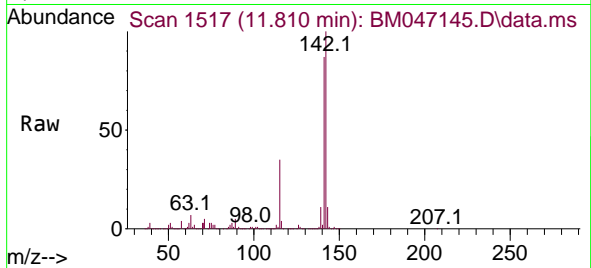


#37
 2-Methylnaphthalene
 Concen: 47.987 ng
 RT: 11.810 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument : BNA_M
 ClientSampleId : SSTDICC050

Tgt Ion:142 Resp: 2180425

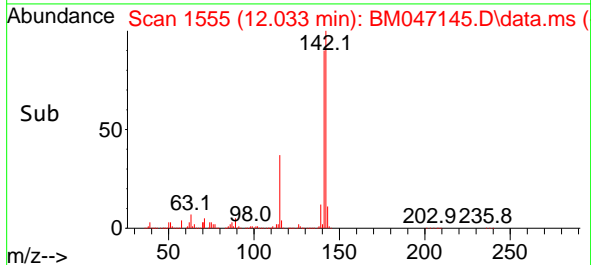
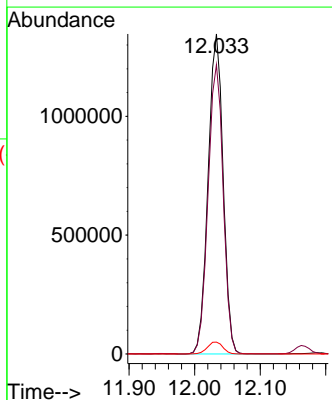
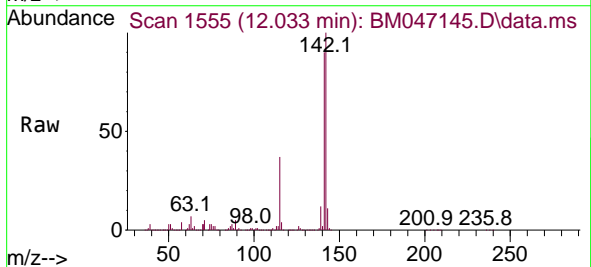
Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.9	106.3
115	35.0	28.7	43.1

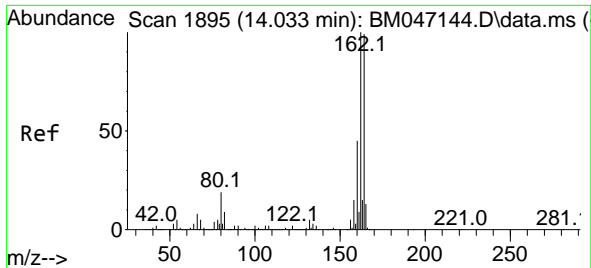


#38
 1-Methylnaphthalene
 Concen: 47.673 ng
 RT: 12.033 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:142 Resp: 2140830

Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.6	111.8
116	3.7	3.1	4.7



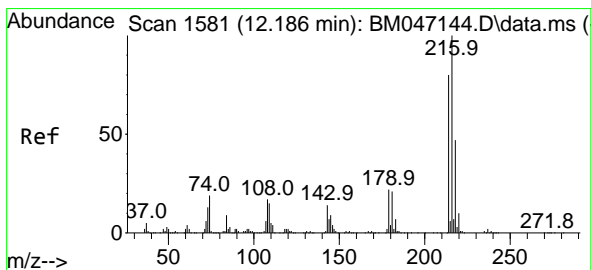
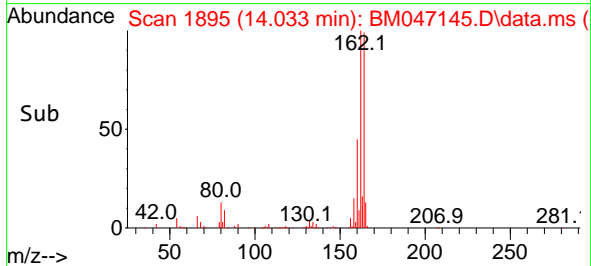
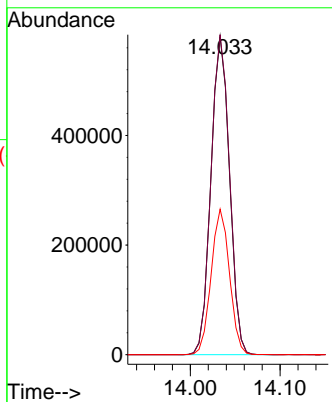
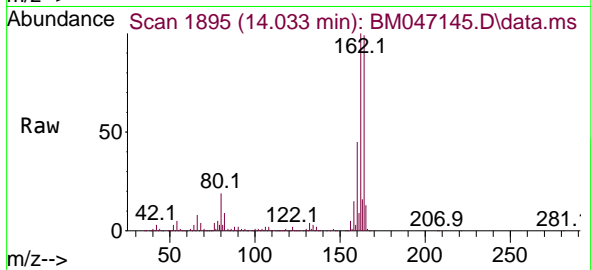


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.033 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument : BNA_M
 Client Sample Id : SSTDICC050

Tgt Ion:164 Resp: 834055

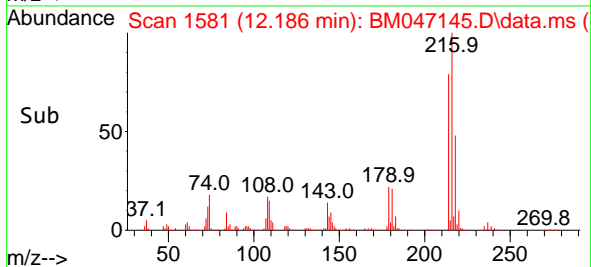
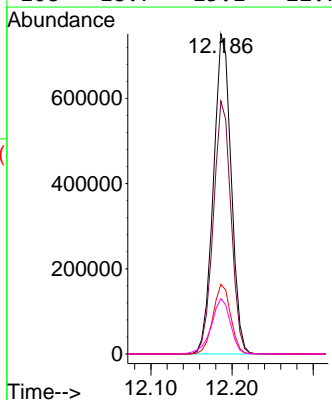
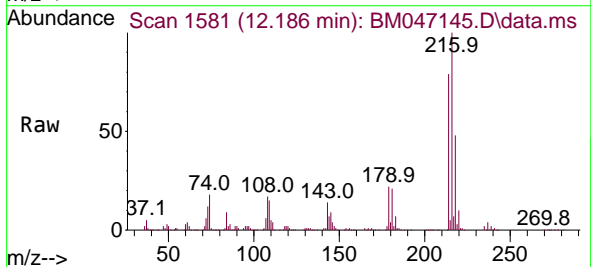
Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.7	121.1
160	45.7	36.0	54.0

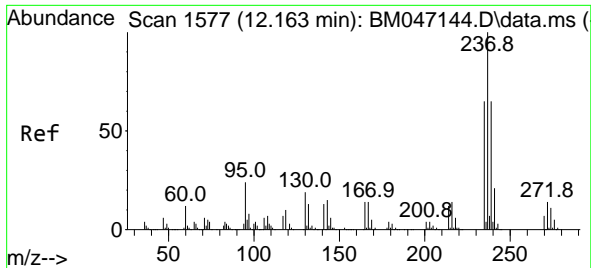


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.043 ng
 RT: 12.186 min Scan# 1581
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:216 Resp: 1138431

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.2
179	21.7	17.6	26.4
108	18.7	15.1	22.7



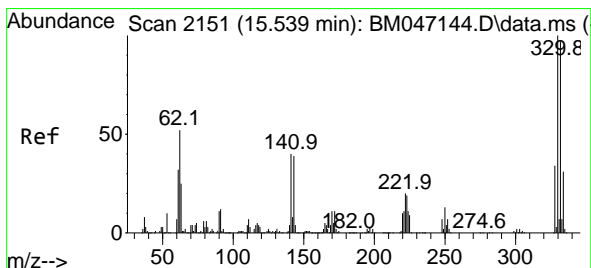
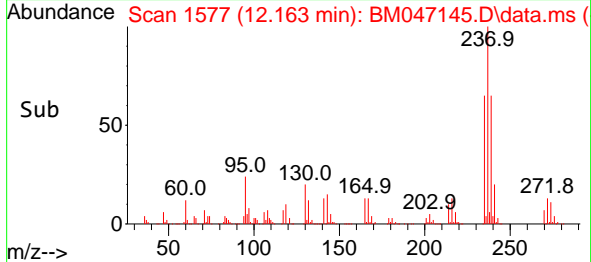
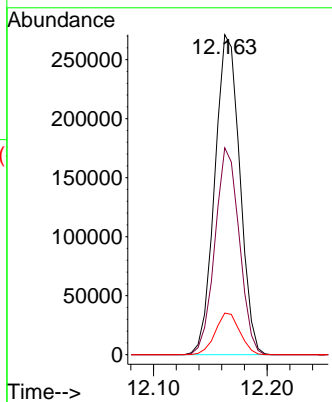
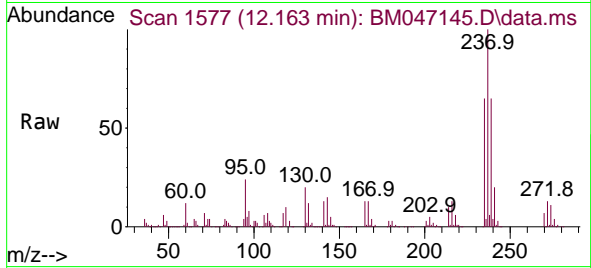


#41
 Hexachlorocyclopentadiene
 Concen: 52.261 ng
 RT: 12.163 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tgt Ion:237 Resp: 415149

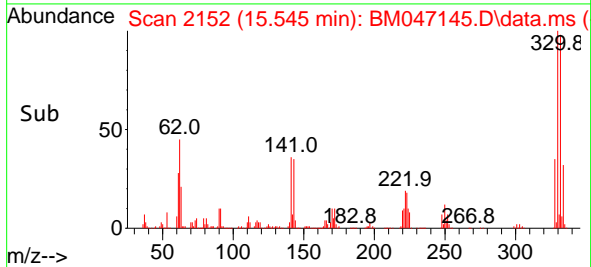
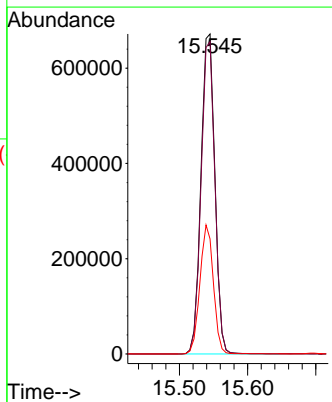
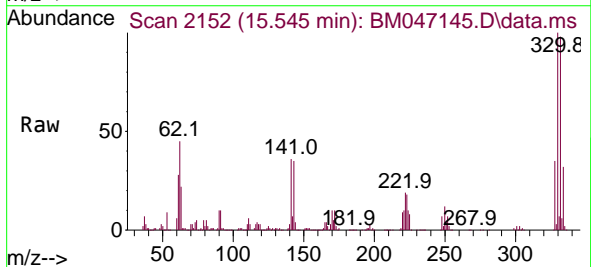
Ion	Ratio	Lower	Upper
237	100		
235	64.7	44.8	84.8
272	13.0	0.0	33.5

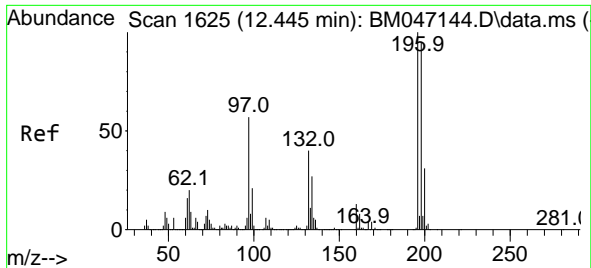


#42
 2,4,6-Tribromophenol
 Concen: 98.476 ng
 RT: 15.545 min Scan# 2152
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:330 Resp: 952366

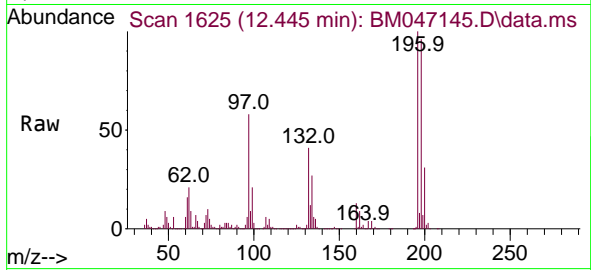
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	39.2	31.6	47.4



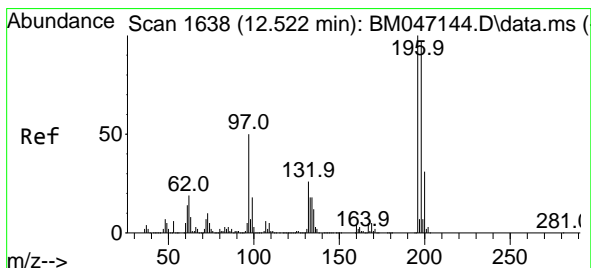
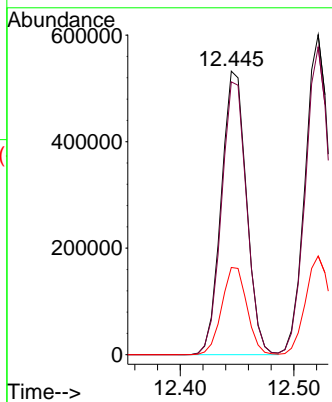
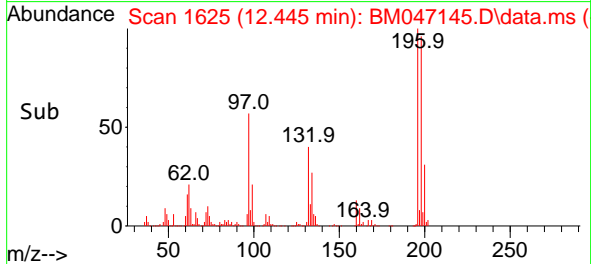


#43
 2,4,6-Trichlorophenol
 Concen: 50.831 ng
 RT: 12.445 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

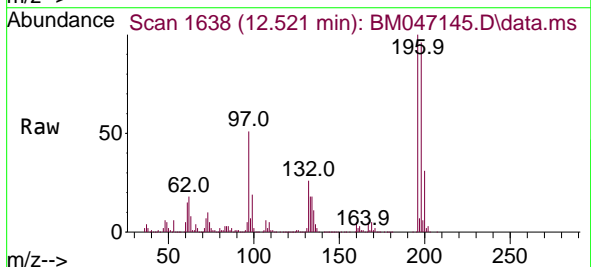
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050



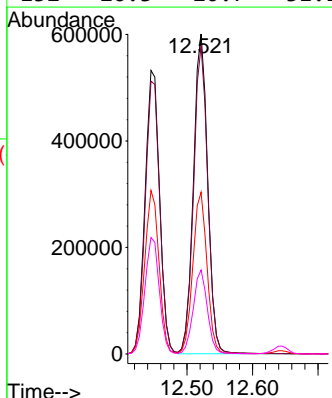
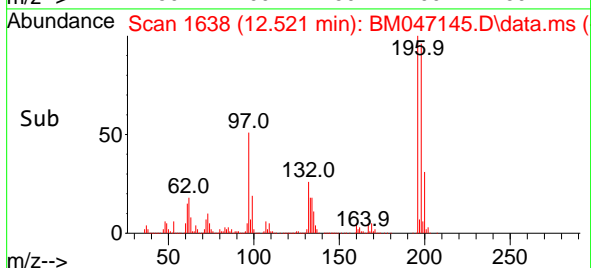
Tgt Ion:196 Resp: 821910
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.6 113.4
 200 30.7 24.6 37.0

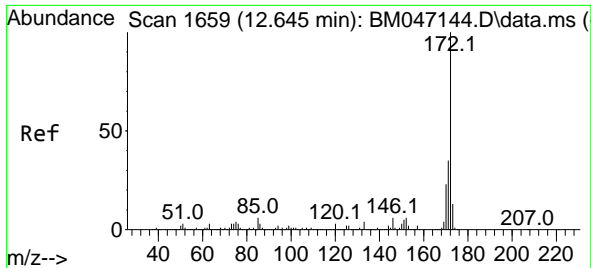


#44
 2,4,5-Trichlorophenol
 Concen: 50.644 ng
 RT: 12.521 min Scan# 1638
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31



Tgt Ion:196 Resp: 909210
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.7 116.5
 97 50.6 39.8 59.8
 132 26.3 20.7 31.1



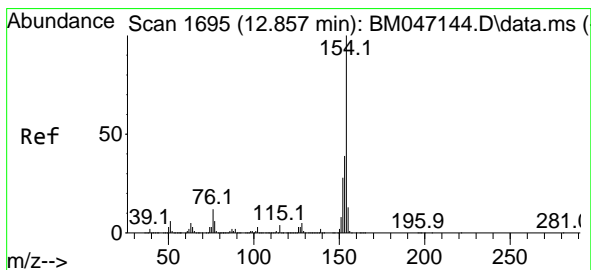
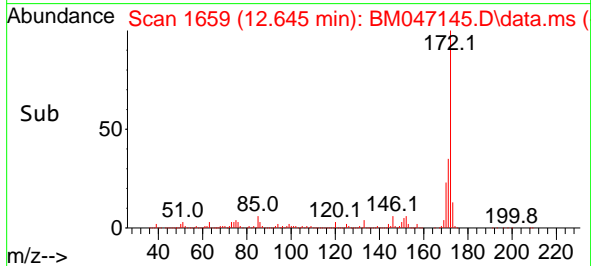
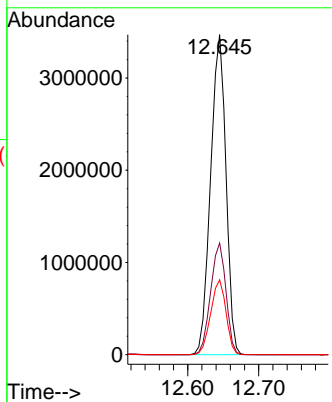
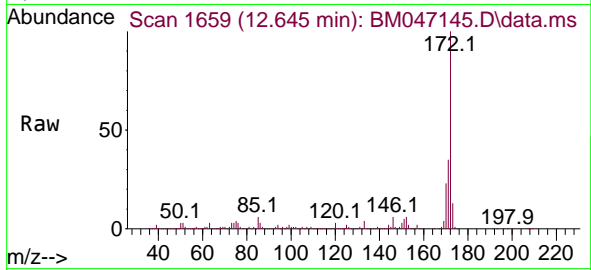


#45
 2-Fluorobiphenyl
 Concen: 96.172 ng
 RT: 12.645 min Scan# 1659
 Delta R.T. 0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tgt Ion:172 Resp: 5200055

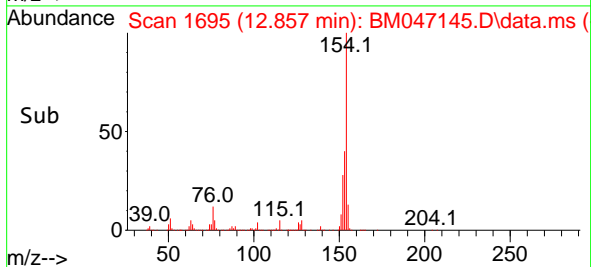
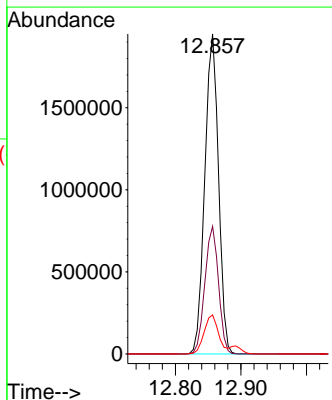
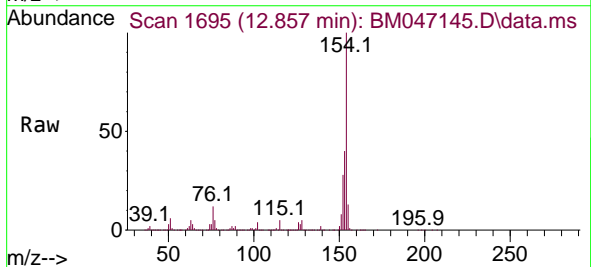
Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.4	18.7	28.1

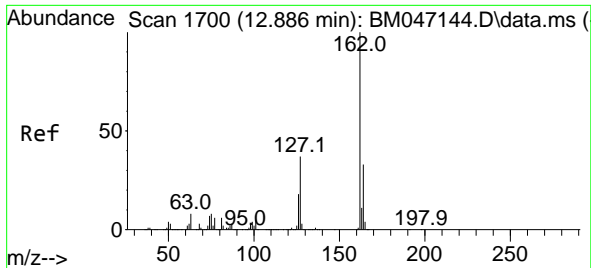


#46
 1,1'-Biphenyl
 Concen: 47.782 ng
 RT: 12.857 min Scan# 1695
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:154 Resp: 2837162

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.0	59.0
76	12.2	0.0	31.9





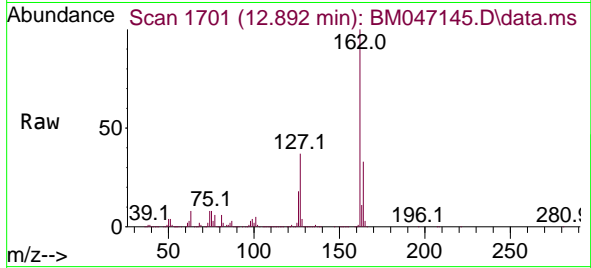
#47
2-Chloronaphthalene
Concen: 47.627 ng
RT: 12.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM047145.D
Acq: 10 Aug 2024 16:31

Instrument :

BNA_M

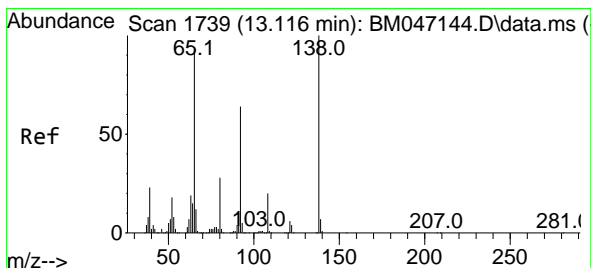
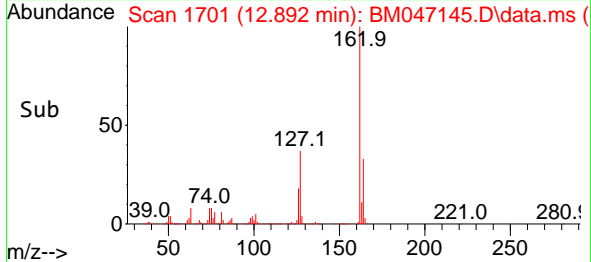
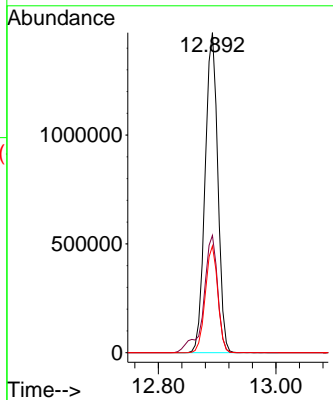
ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 2210354

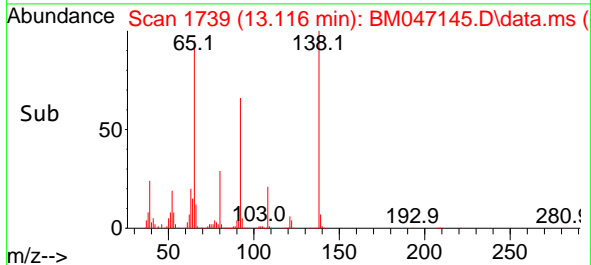
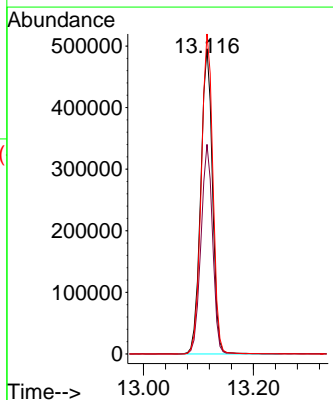
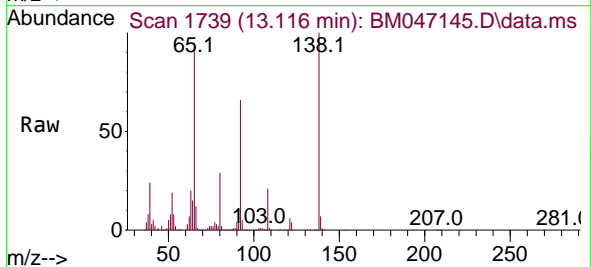
Ion	Ratio	Lower	Upper
162	100		
127	36.7	30.0	45.0
164	33.4	26.3	39.5

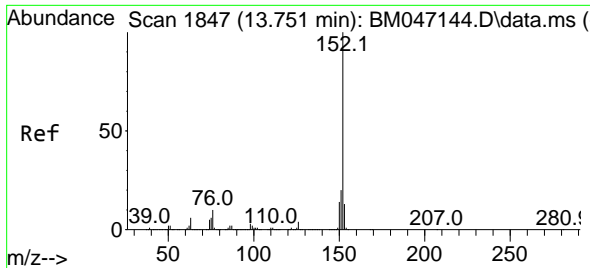


#48
2-Nitroaniline
Concen: 50.459 ng
RT: 13.116 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BM047145.D
Acq: 10 Aug 2024 16:31

Tgt Ion: 65 Resp: 733636

Ion	Ratio	Lower	Upper
65	100		
92	68.7	55.1	82.7
138	104.8	85.9	128.9



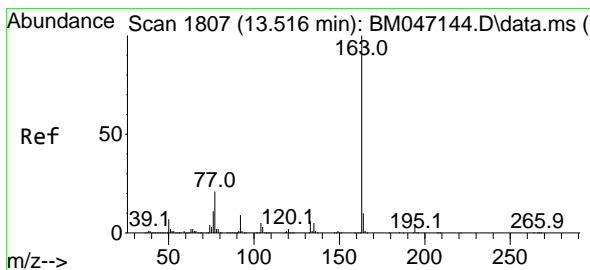
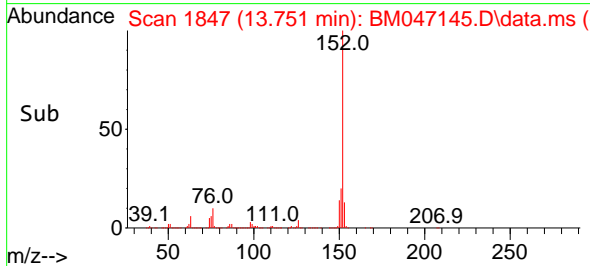
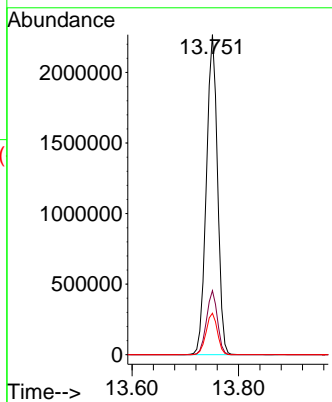
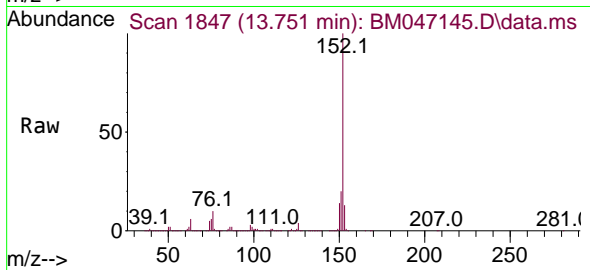


#49
 Acenaphthylene
 Concen: 48.009 ng
 RT: 13.751 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument : BNA_M
 ClientSampleId : SSTDICC050

Tgt Ion:152 Resp: 3284244

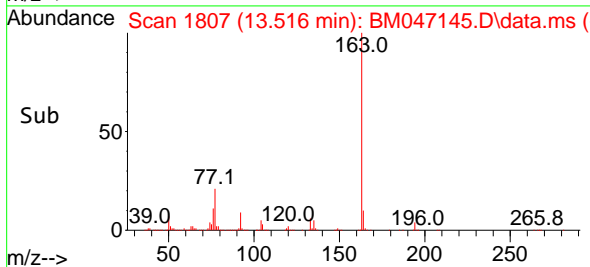
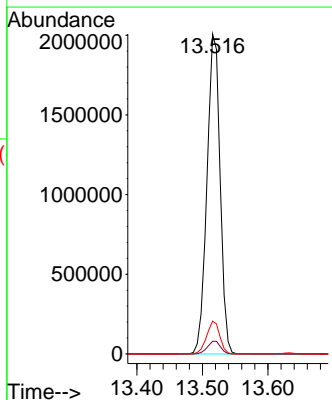
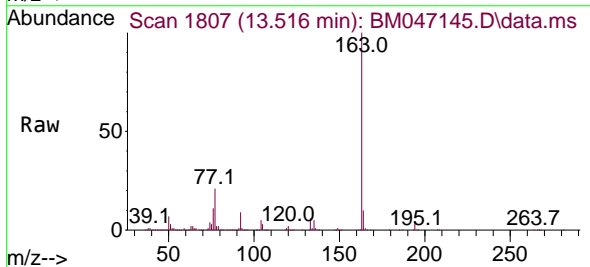
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.0	10.4	15.6

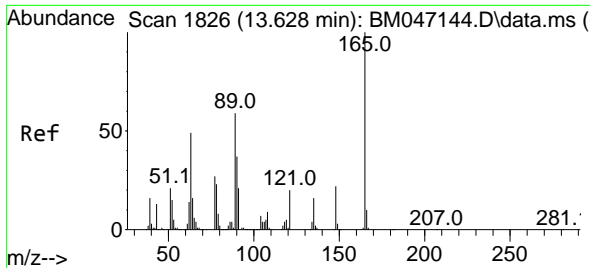


#50
 Dimethylphthalate
 Concen: 48.073 ng
 RT: 13.516 min Scan# 1807
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:163 Resp: 2800312

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	8.0	12.0



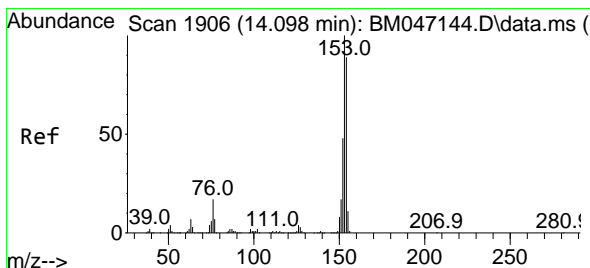
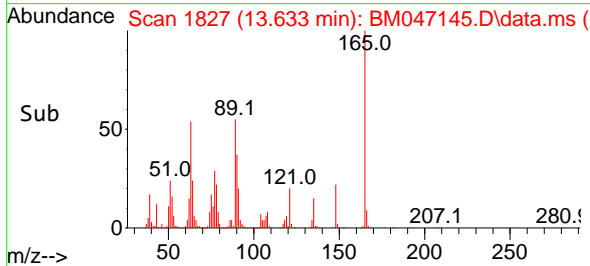
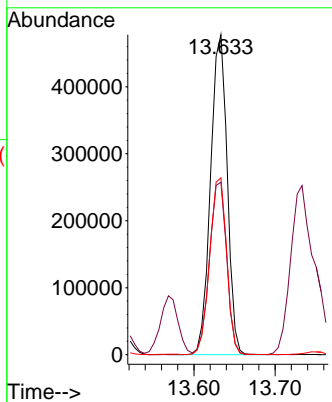
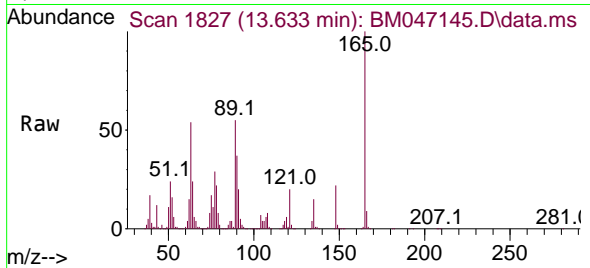


#51
 2,6-Dinitrotoluene
 Concen: 49.929 ng
 RT: 13.633 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tgt Ion:165 Resp: 679884

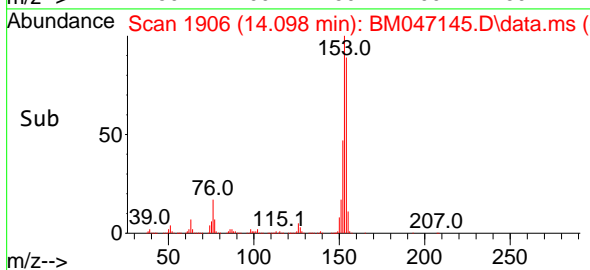
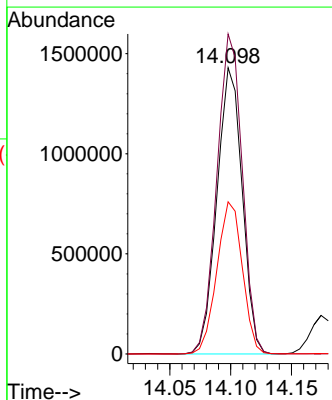
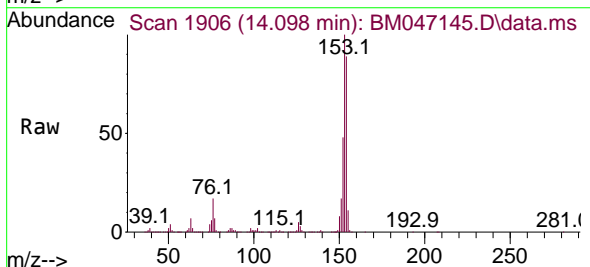
Ion	Ratio	Lower	Upper
165	100		
63	53.9	46.5	69.7
89	55.3	47.3	70.9

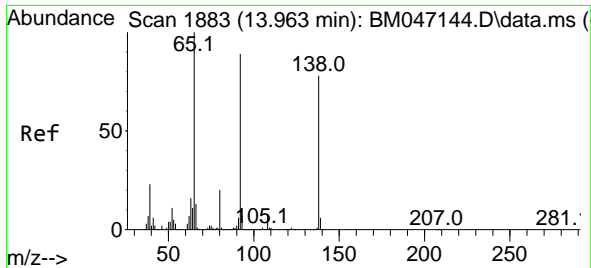


#52
 Acenaphthene
 Concen: 47.640 ng
 RT: 14.098 min Scan# 1906
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:154 Resp: 2067281

Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.3	135.5
152	53.2	42.9	64.3





#53
 3-Nitroaniline
 Concen: 50.067 ng
 RT: 13.963 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :

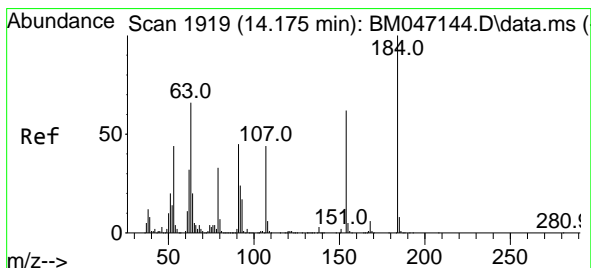
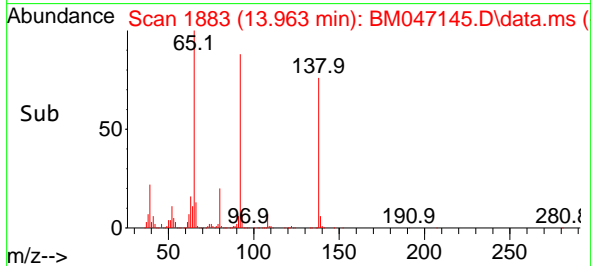
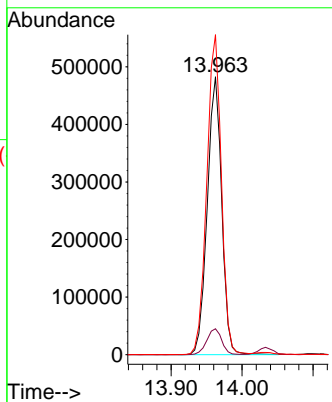
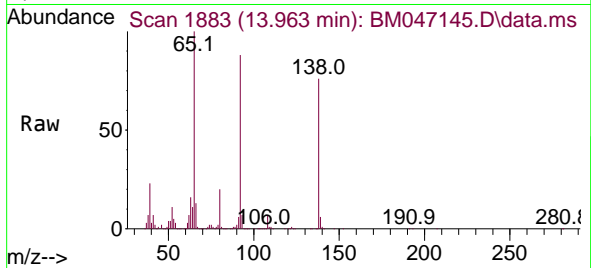
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:138 Resp: 683158

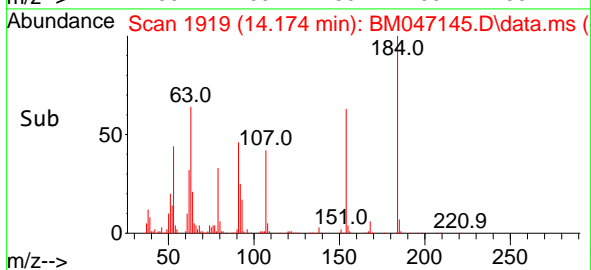
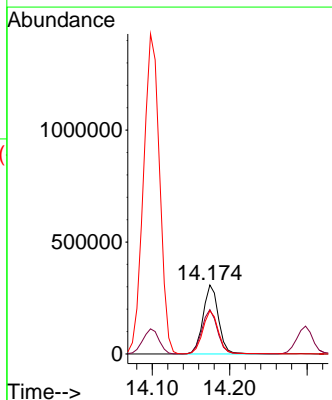
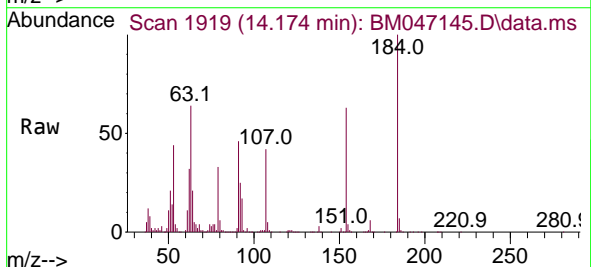
Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.9	11.9
92	115.1	92.0	138.0

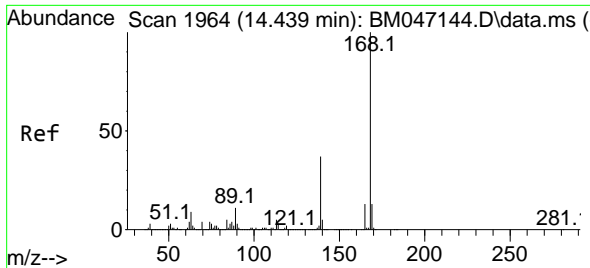


#54
 2,4-Dinitrophenol
 Concen: 52.012 ng
 RT: 14.174 min Scan# 1919
 Delta R.T. -0.001 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:184 Resp: 424486

Ion	Ratio	Lower	Upper
184	100		
63	64.2	52.7	79.1
154	62.6	50.4	75.6



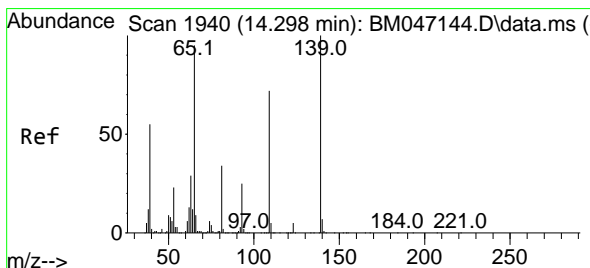
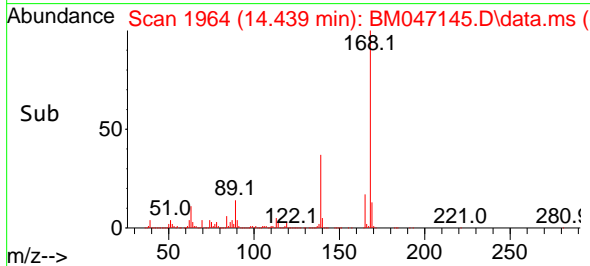
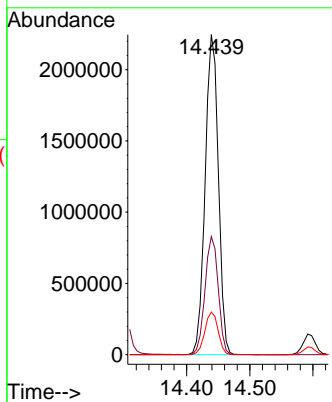
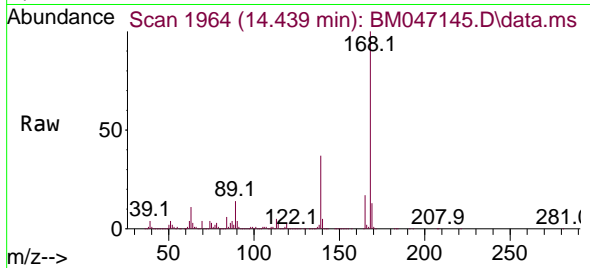


#55
 Dibenzofuran
 Concen: 47.413 ng
 RT: 14.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tgt Ion:168 Resp: 3249834

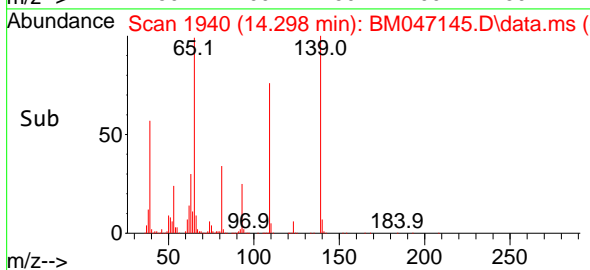
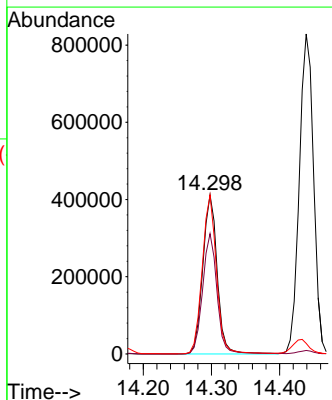
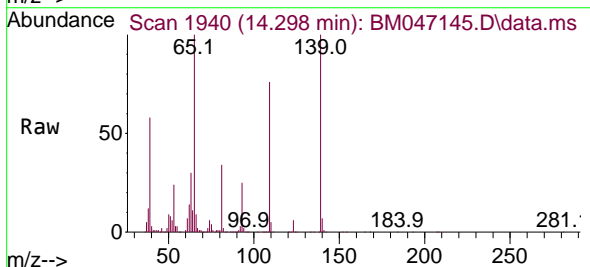
Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.6	44.4
169	13.3	10.7	16.1

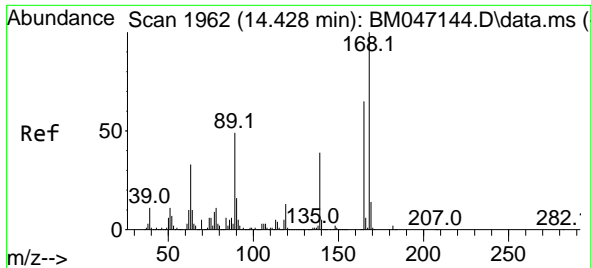


#56
 4-Nitrophenol
 Concen: 51.542 ng
 RT: 14.298 min Scan# 1940
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:139 Resp: 606437

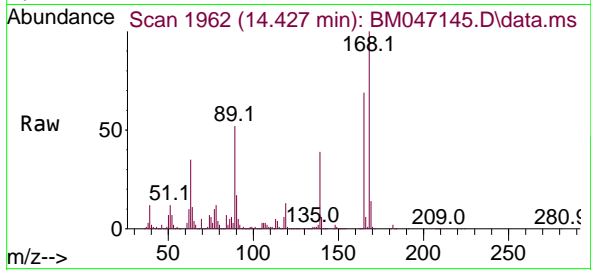
Ion	Ratio	Lower	Upper
139	100		
109	75.7	52.5	92.5
65	99.9	75.4	115.4





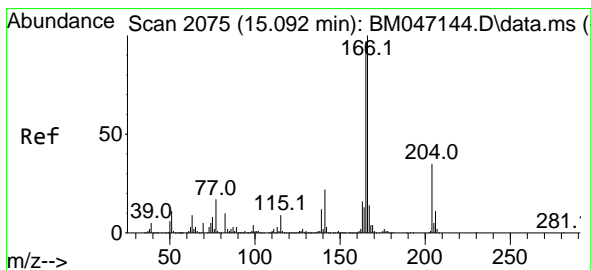
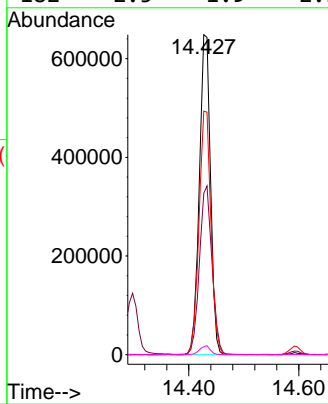
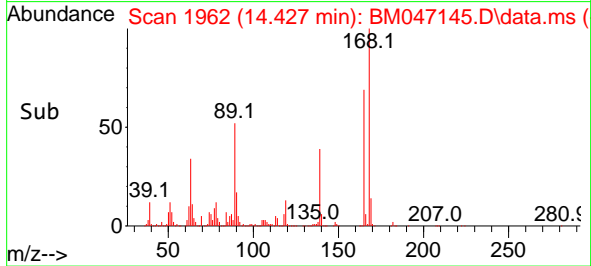
#57
 2,4-Dinitrotoluene
 Concen: 50.482 ng
 RT: 14.427 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

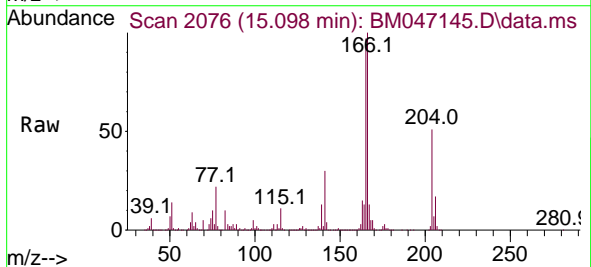


Tgt Ion:165 Resp: 917536

Ion	Ratio	Lower	Upper
165	100		
63	50.4	40.3	60.5
89	76.1	61.0	91.6
182	2.5	1.9	2.9

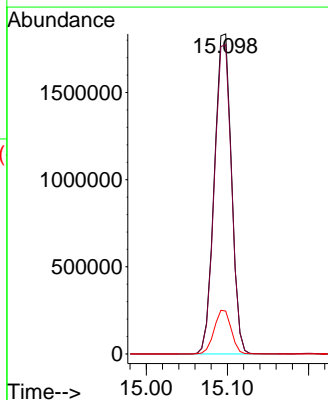
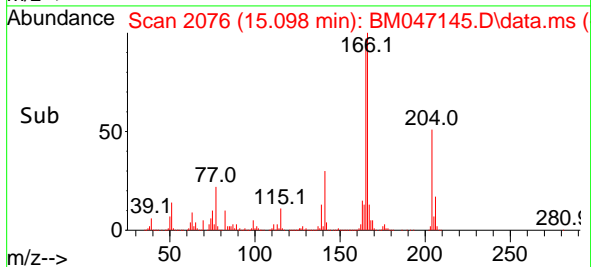


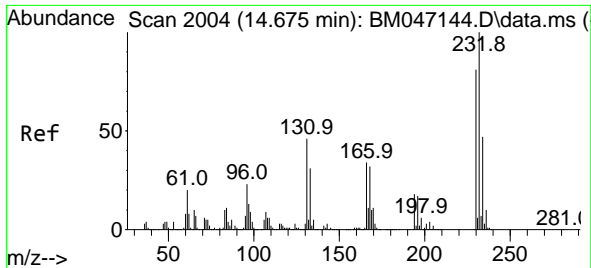
#58
 Fluorene
 Concen: 47.578 ng
 RT: 15.098 min Scan# 2076
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31



Tgt Ion:166 Resp: 2690806

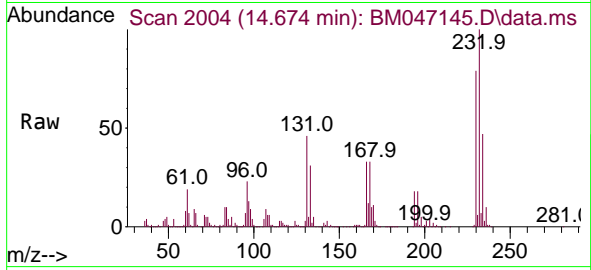
Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.4	116.0
167	13.4	11.0	16.6





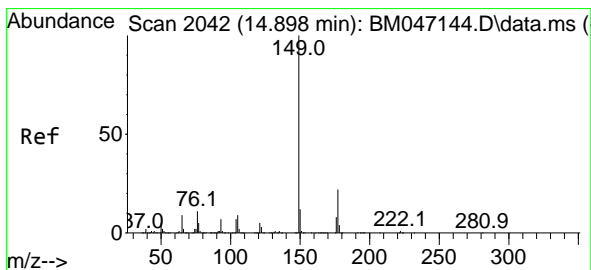
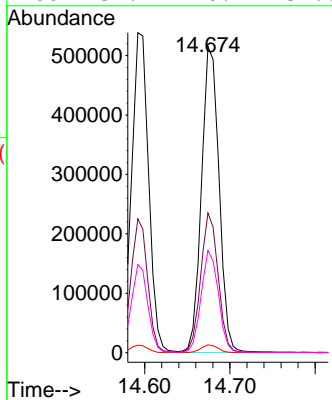
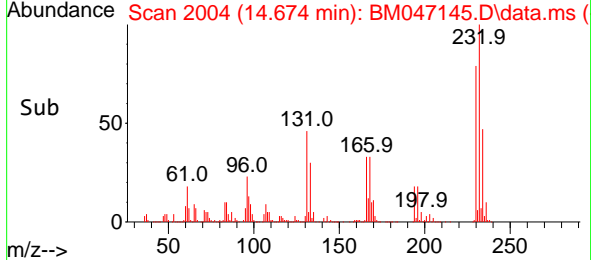
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.022 ng
 RT: 14.674 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

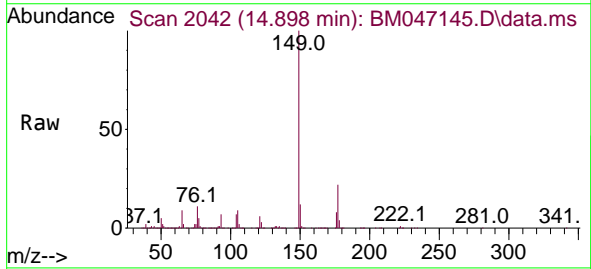


Tgt Ion:232 Resp: 738067

Ion	Ratio	Lower	Upper
232	100		
131	45.1	36.9	55.3
130	2.5	2.0	3.0
166	32.9	26.4	39.6

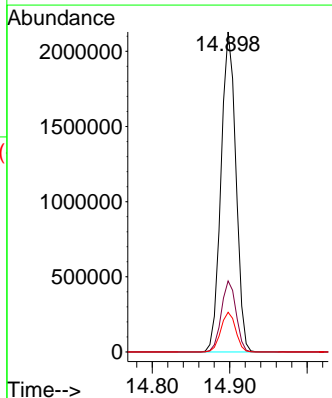
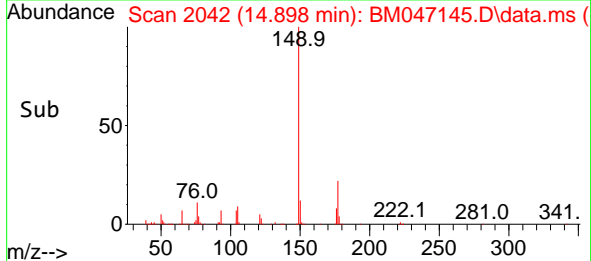


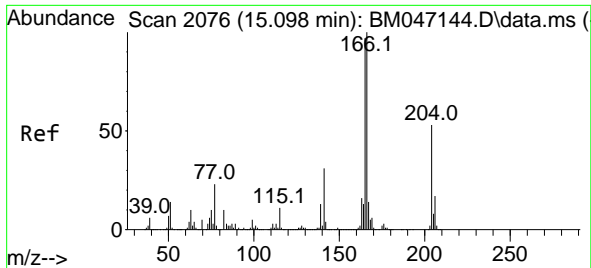
#60
 Diethylphthalate
 Concen: 47.851 ng
 RT: 14.898 min Scan# 2042
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31



Tgt Ion:149 Resp: 2846430

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.6	26.4
150	12.4	9.8	14.6



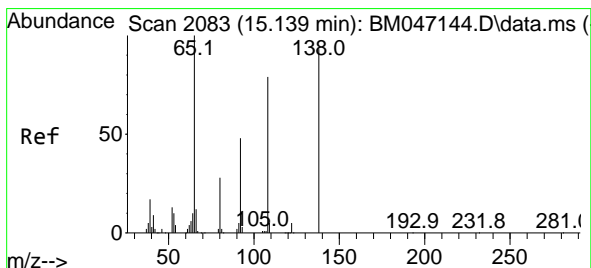
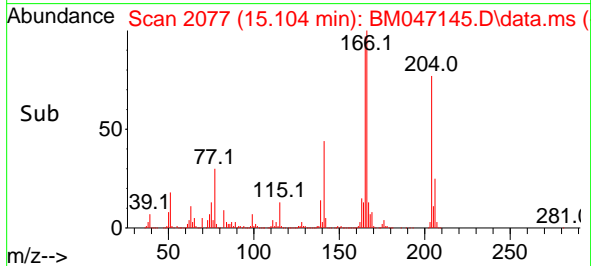
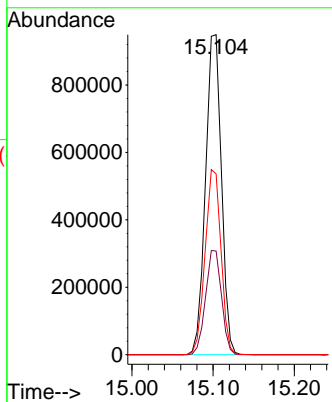
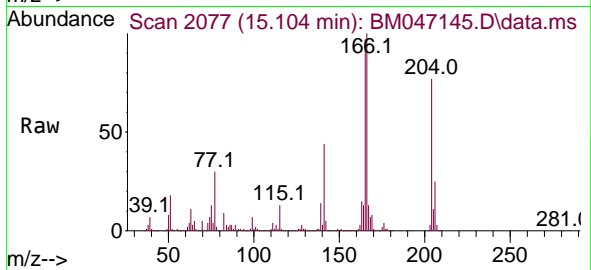


#61
 4-Chlorophenyl-phenylether
 Concen: 47.901 ng
 RT: 15.104 min Scan# 2077
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tgt Ion:204 Resp: 1289728

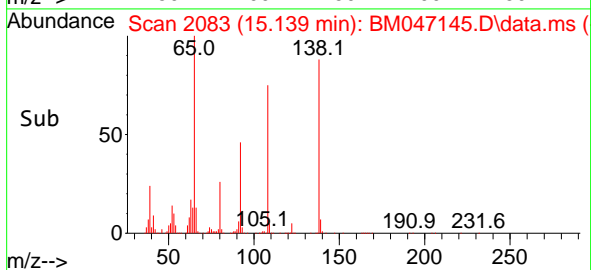
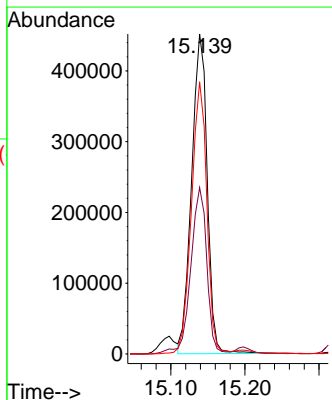
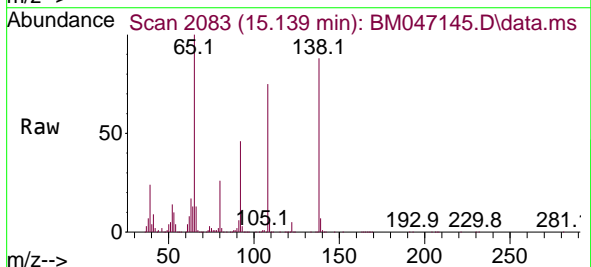
Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.4
141	56.5	47.2	70.8

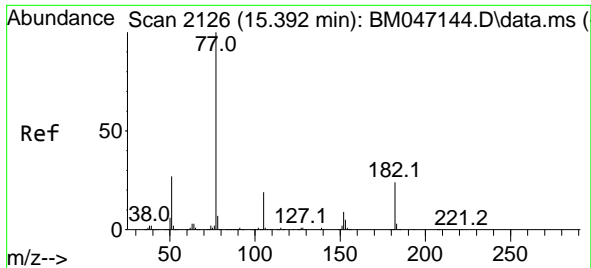


#62
 4-Nitroaniline
 Concen: 49.229 ng
 RT: 15.139 min Scan# 2083
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:138 Resp: 661759

Ion	Ratio	Lower	Upper
138	100		
92	52.0	31.9	71.9
108	85.1	63.8	103.8



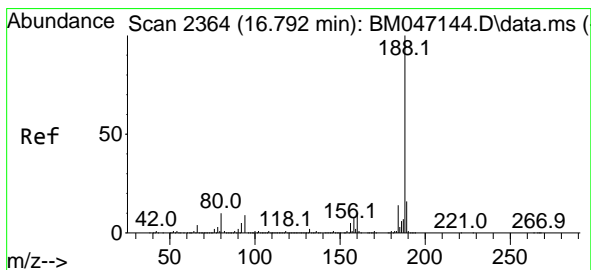
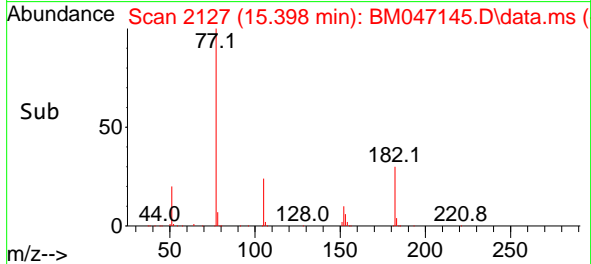
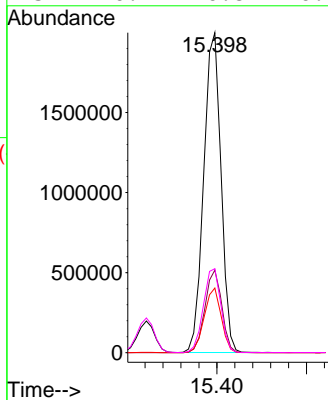
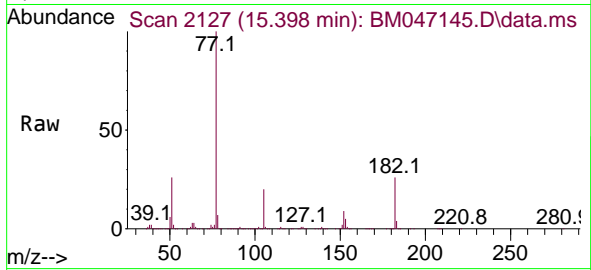


#63
 Azobenzene
 Concen: 47.334 ng
 RT: 15.398 min Scan# 2126
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument : BNA_M
 ClientSampleId : SSTDICC050

Tgt Ion: 77 Resp: 2669713

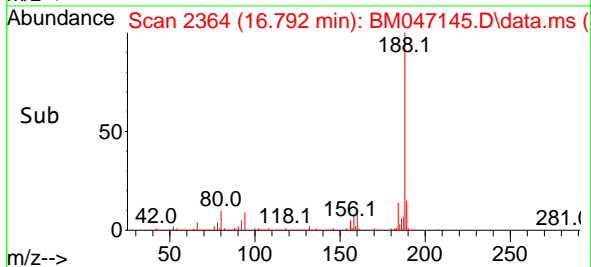
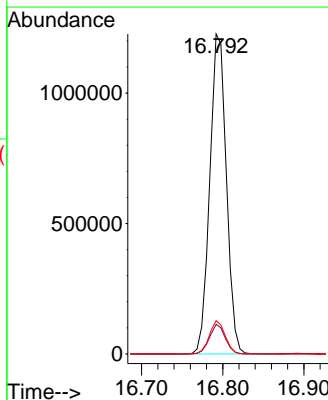
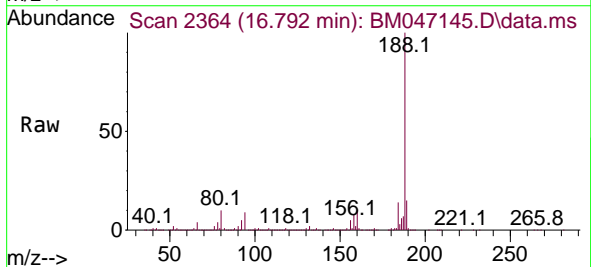
Ion	Ratio	Lower	Upper
77	100		
182	25.8	3.8	43.8
105	20.2	0.0	39.5
51	26.2	6.8	46.8

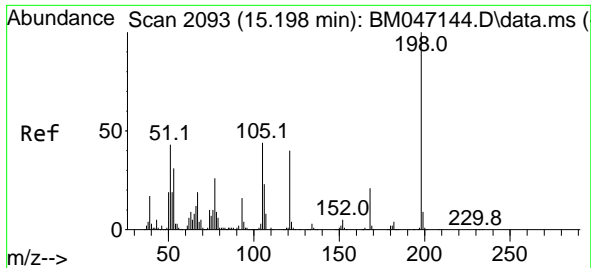


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.792 min Scan# 2364
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion: 188 Resp: 1737042

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.6
80	10.4	8.0	12.0



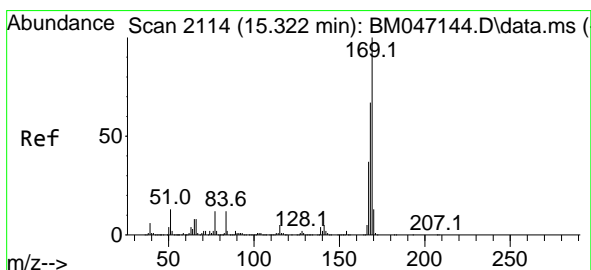
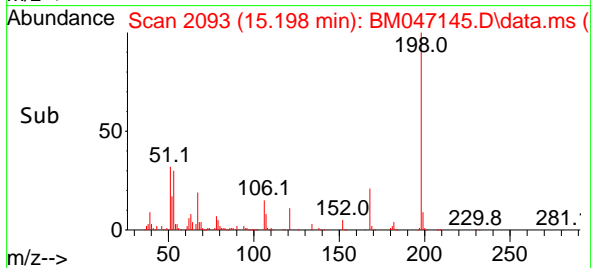
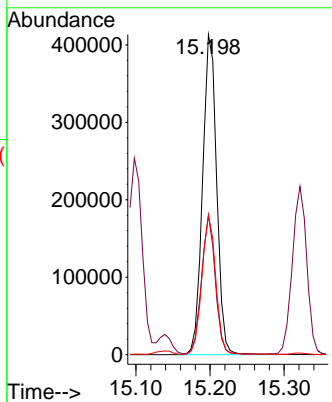
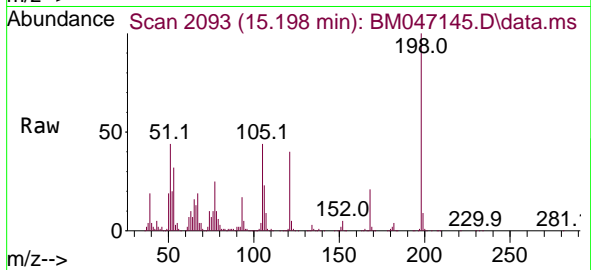


#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.617 ng
 RT: 15.198 min Scan# 2093
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tgt Ion:198 Resp: 545293

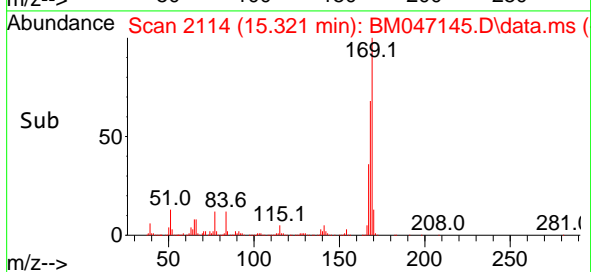
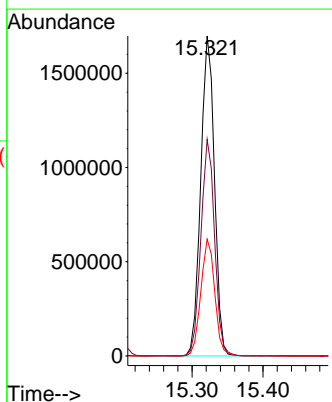
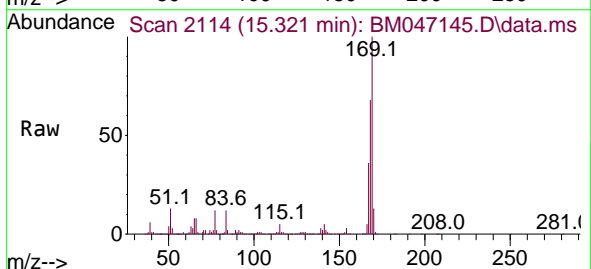
Ion	Ratio	Lower	Upper
198	100		
51	43.6	23.9	63.9
105	43.6	24.3	64.3

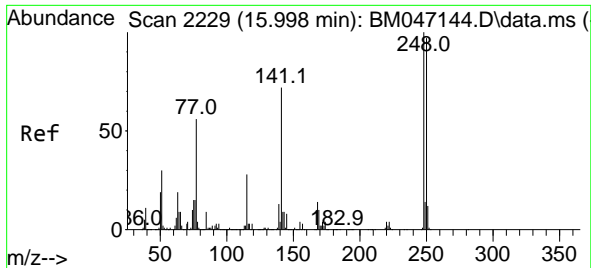


#66
 n-Nitrosodiphenylamine
 Concen: 48.302 ng
 RT: 15.321 min Scan# 2114
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:169 Resp: 2285297

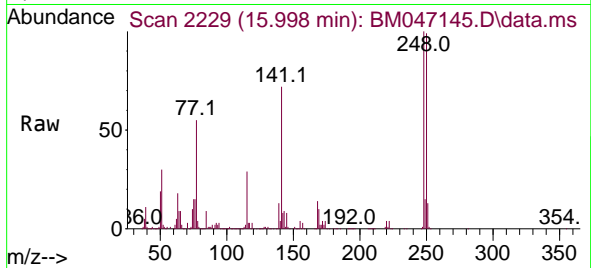
Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.8	80.8
167	36.5	29.3	43.9





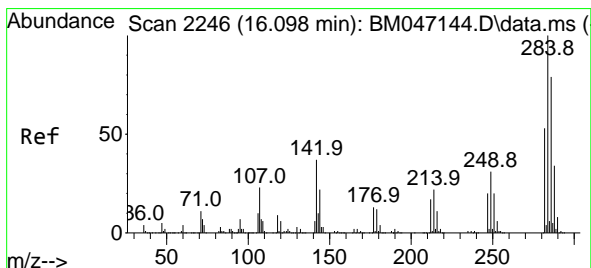
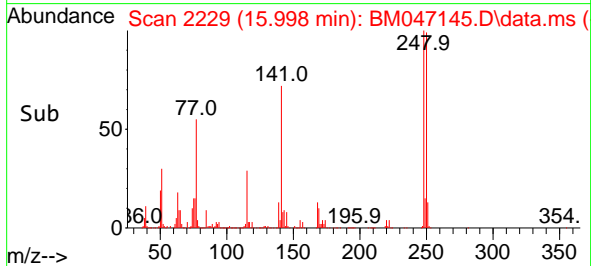
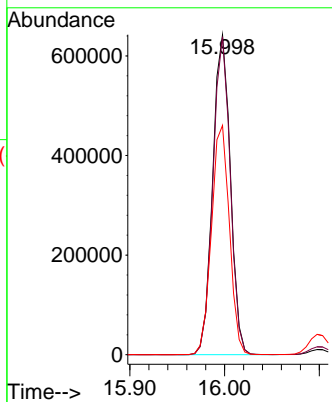
#67
 4-Bromophenyl-phenylether
 Concen: 49.667 ng
 RT: 15.998 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument : BNA_M
 ClientSampleId : SSTDICC050



Tgt Ion:248 Resp: 831353

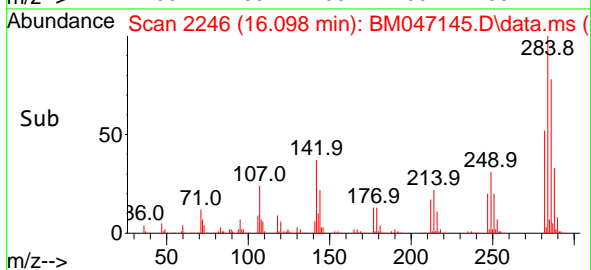
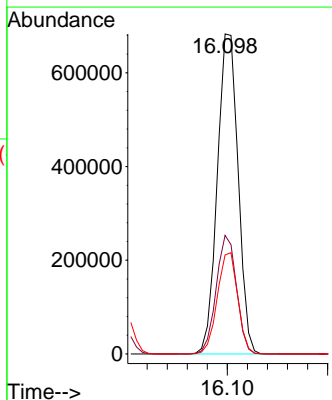
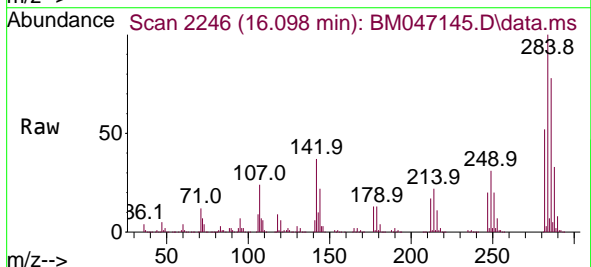
Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.8	116.8
141	71.6	57.7	86.5

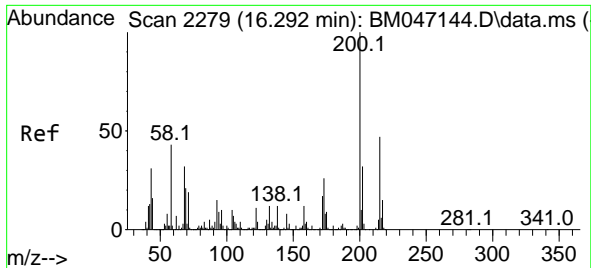


#68
 Hexachlorobenzene
 Concen: 49.041 ng
 RT: 16.098 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:284 Resp: 983119

Ion	Ratio	Lower	Upper
284	100		
142	37.0	29.4	44.0
249	30.9	25.1	37.7



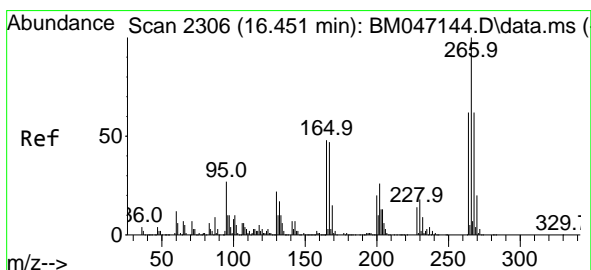
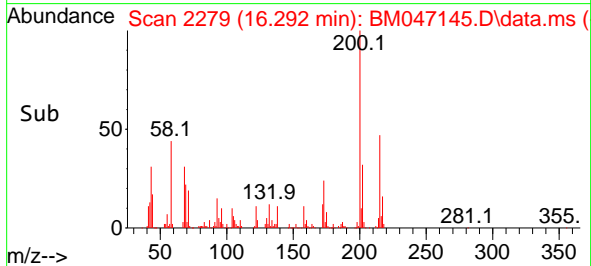
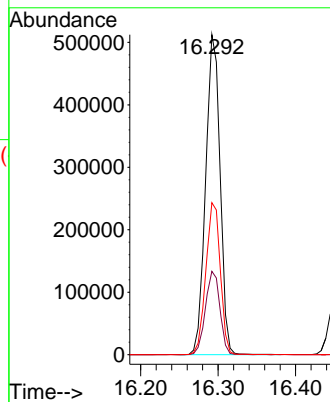
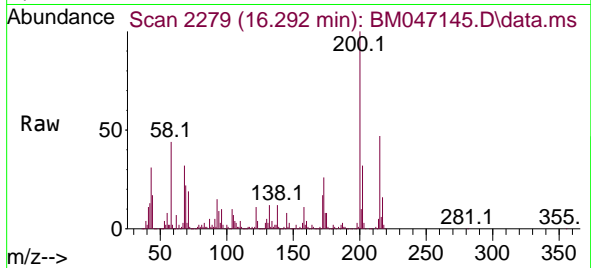


#69
 Atrazine
 Concen: 46.512 ng
 RT: 16.292 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tgt Ion:200 Resp: 662204

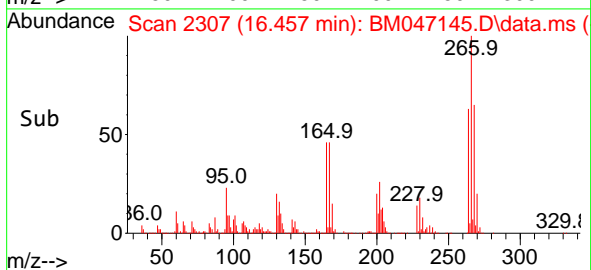
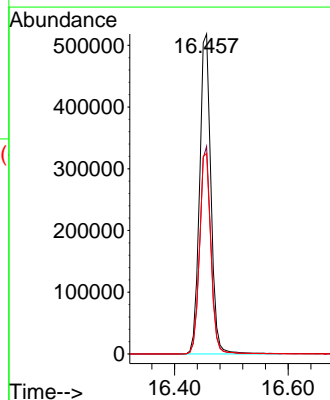
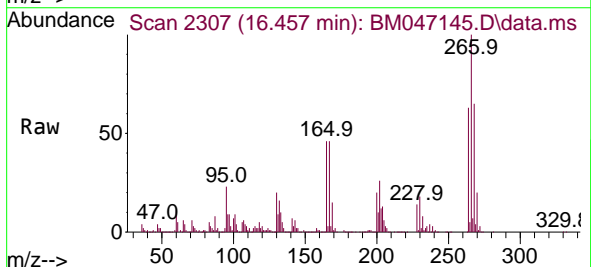
Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.1	46.1
215	47.5	26.8	66.8

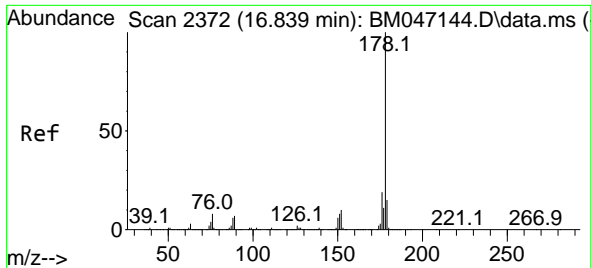


#70
 Pentachlorophenol
 Concen: 51.201 ng
 RT: 16.457 min Scan# 2307
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:266 Resp: 719505

Ion	Ratio	Lower	Upper
266	100		
268	64.9	49.8	74.6
264	62.7	49.6	74.4



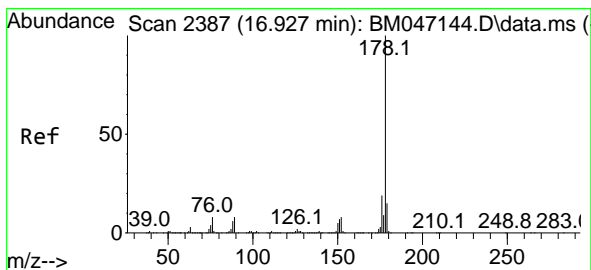
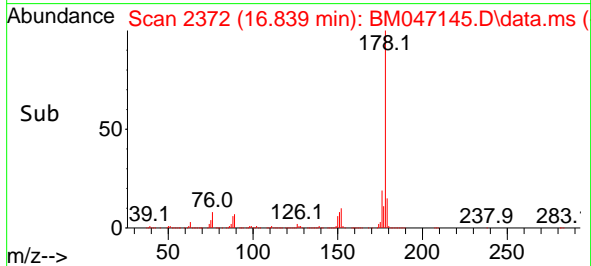
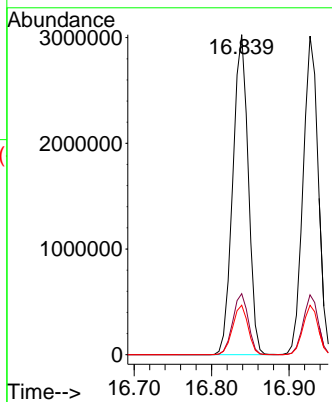
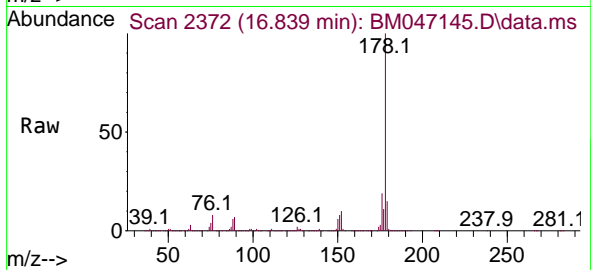


#71
 Phenanthrene
 Concen: 48.170 ng
 RT: 16.839 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tgt Ion:178 Resp: 4199256

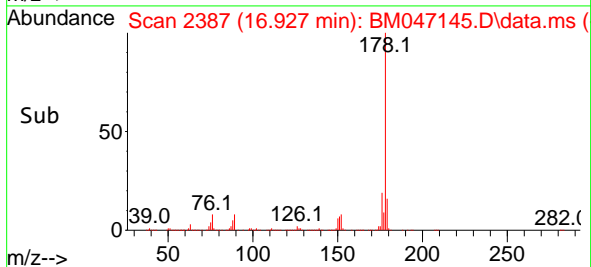
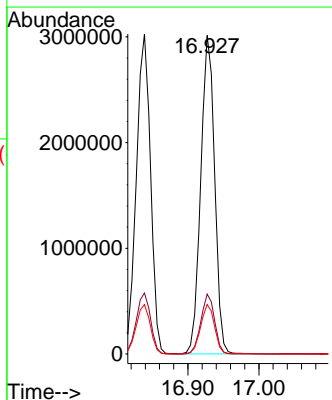
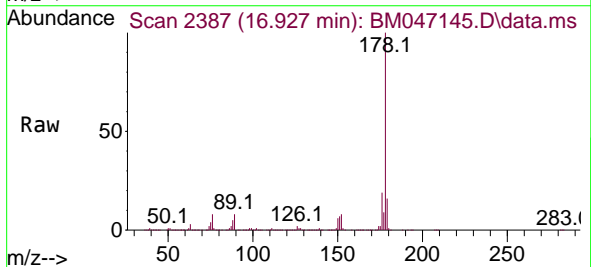
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.4	12.4	18.6

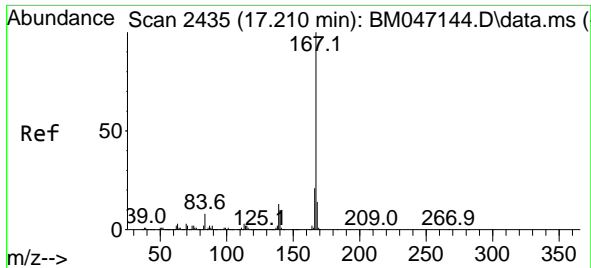


#72
 Anthracene
 Concen: 48.425 ng
 RT: 16.927 min Scan# 2387
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:178 Resp: 4107556

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.5	12.4	18.6



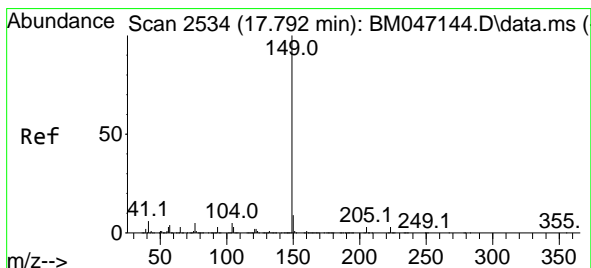
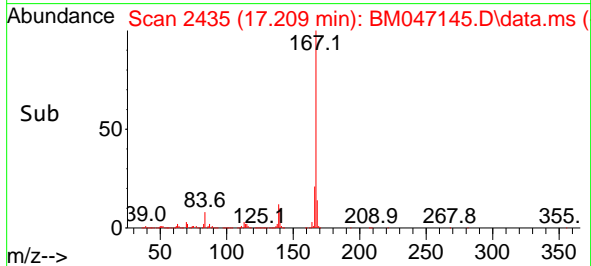
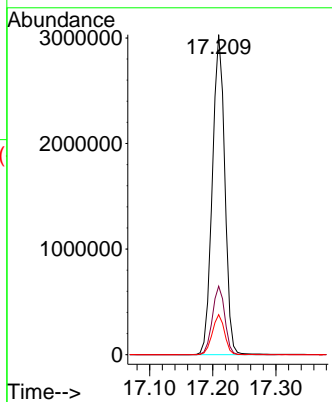
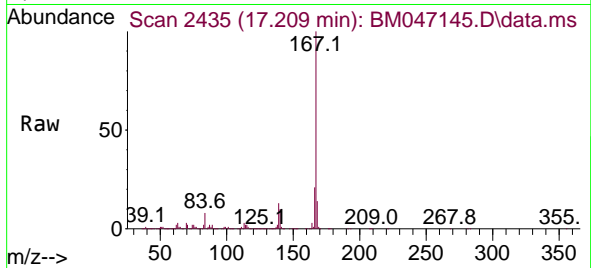


#73
 Carbazole
 Concen: 47.836 ng
 RT: 17.209 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tgt Ion:167 Resp: 4142913

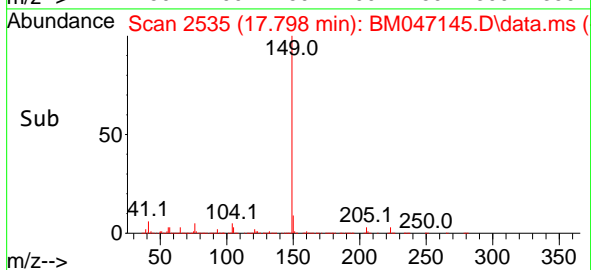
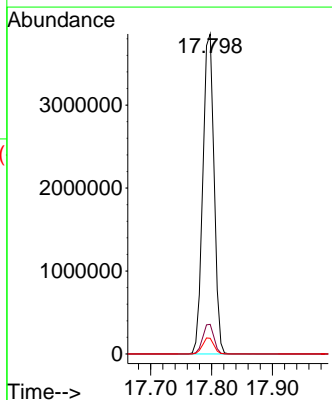
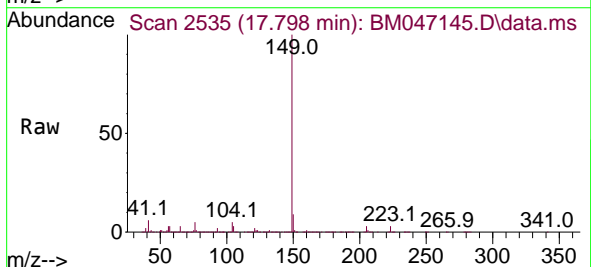
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.5	10.0	15.0

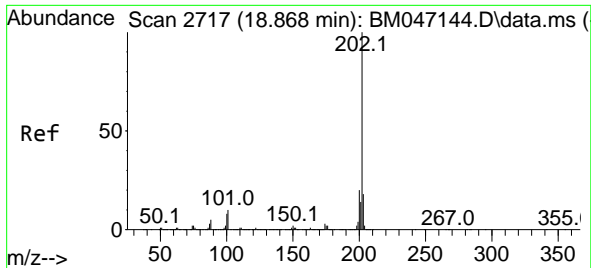


#74
 Di-n-butylphthalate
 Concen: 48.863 ng
 RT: 17.798 min Scan# 2535
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:149 Resp: 4924066

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.9	4.1	6.1



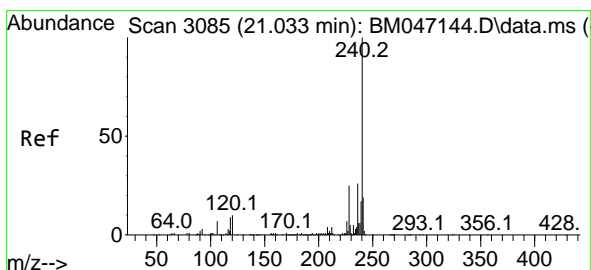
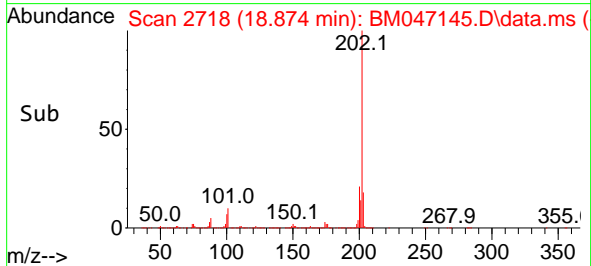
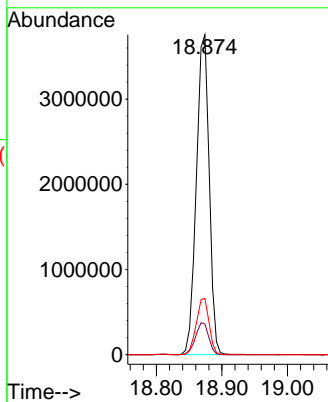
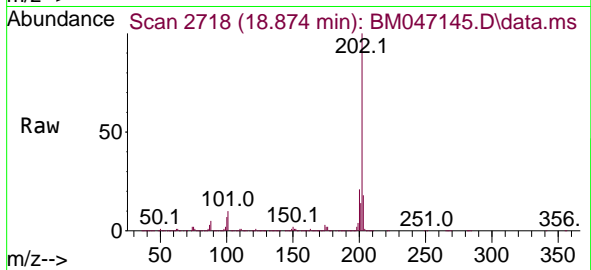


#75
 Fluoranthene
 Concen: 48.293 ng
 RT: 18.874 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tgt Ion:202 Resp: 5120629

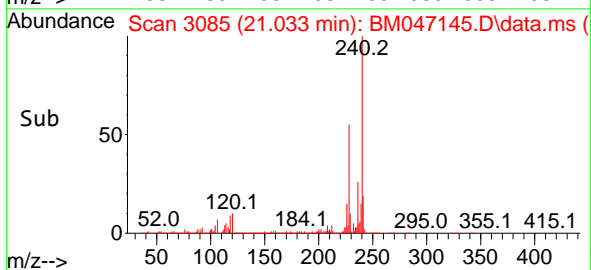
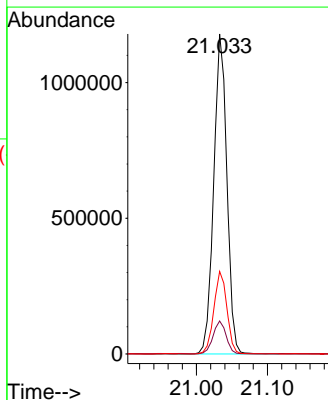
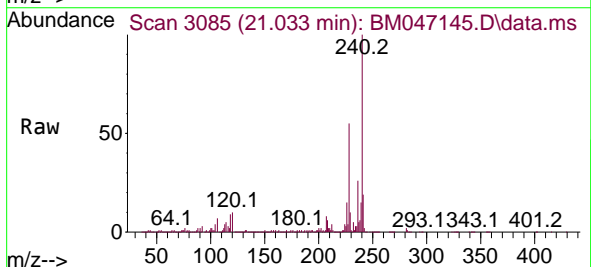
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.2
203	17.6	0.0	37.6

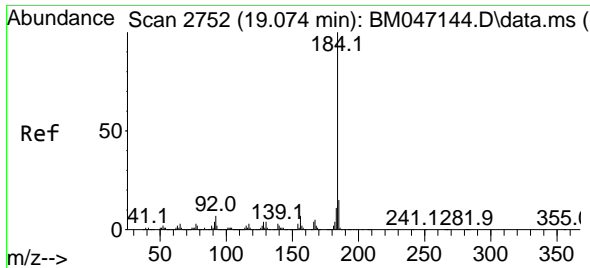


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.033 min Scan# 3085
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:240 Resp: 1511494

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.2	12.2
236	25.8	20.6	30.8



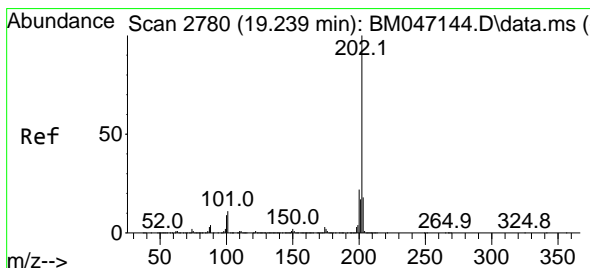
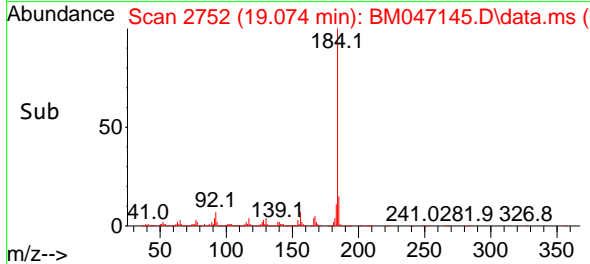
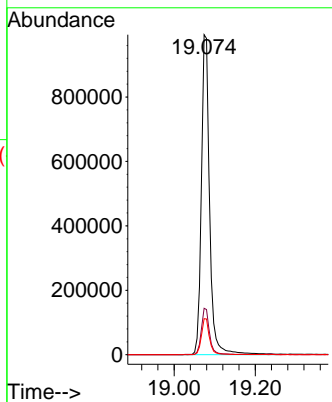
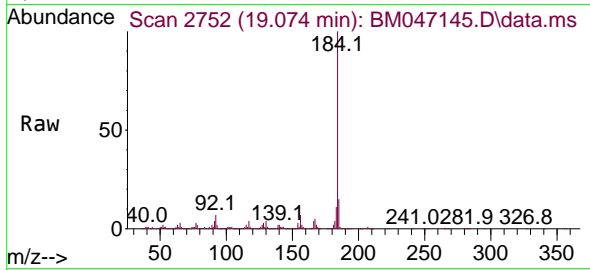


#77
 Benzidine
 Concen: 54.615 ng
 RT: 19.074 min Scan# 2752
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument : BNA_M
 ClientSampleId : SSTDICC050

Tgt Ion:184 Resp: 1399934

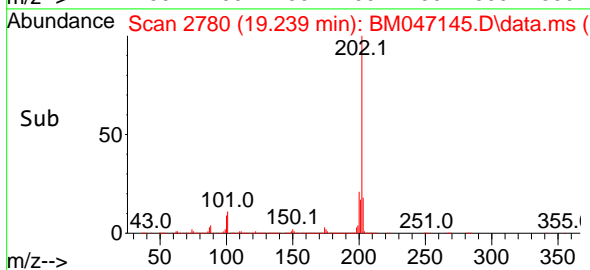
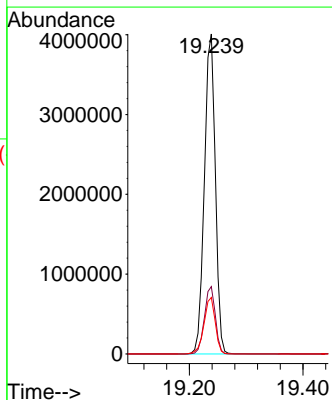
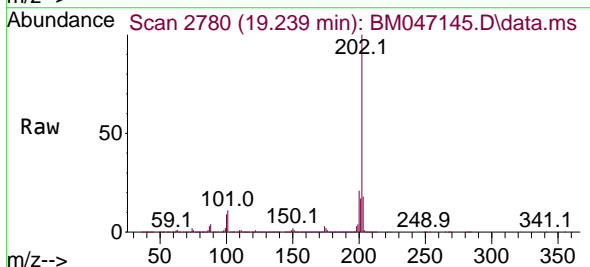
Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.6
183	11.3	9.0	13.6

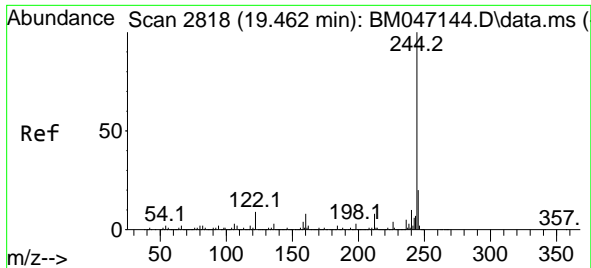


#78
 Pyrene
 Concen: 49.505 ng
 RT: 19.239 min Scan# 2780
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:202 Resp: 5342784

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.6	14.2	21.2



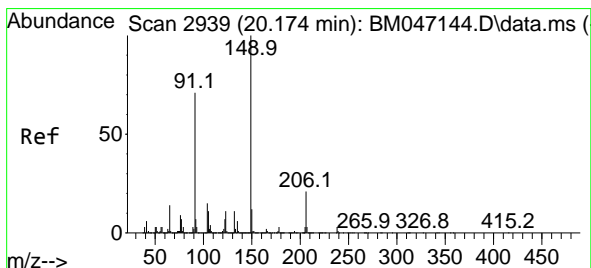
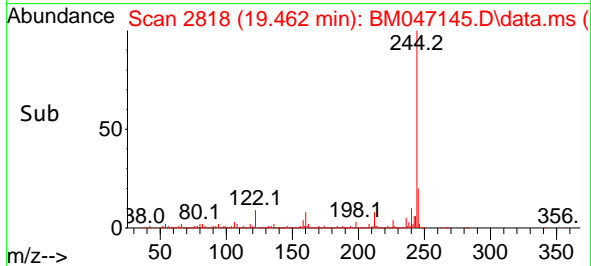
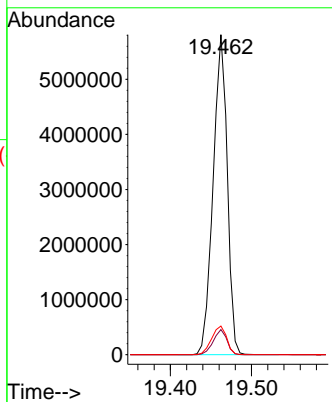
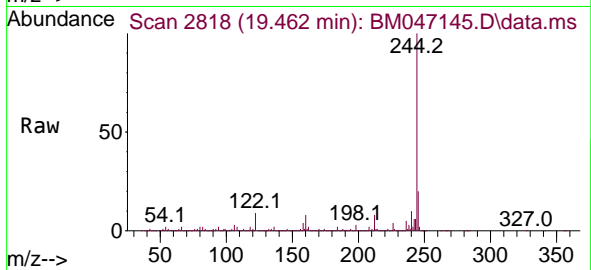


#79
 Terphenyl-d14
 Concen: 99.443 ng
 RT: 19.462 min Scan# 2818
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tgt Ion:244 Resp: 7014667

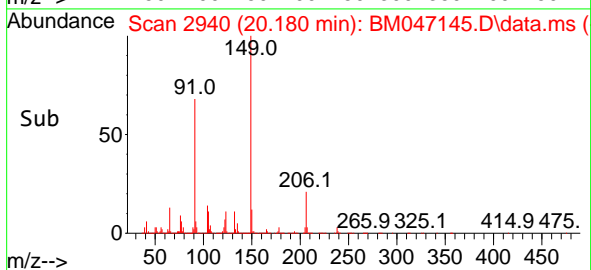
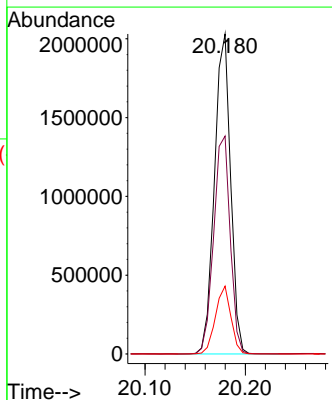
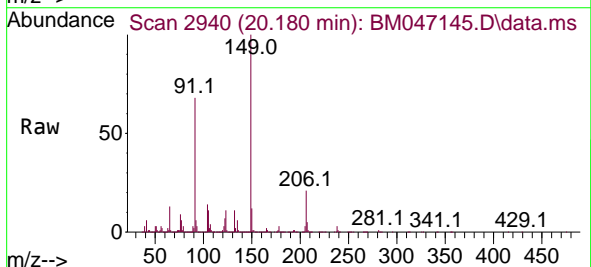
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.4
122	8.9	7.1	10.7

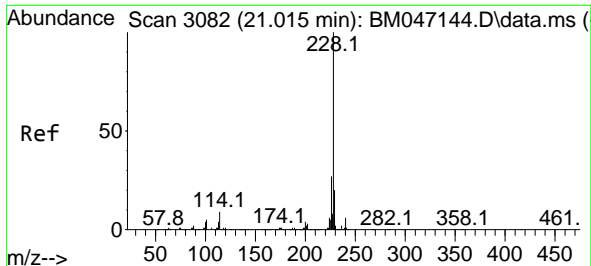


#80
 Butylbenzylphthalate
 Concen: 51.348 ng
 RT: 20.180 min Scan# 2940
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:149 Resp: 2261582

Ion	Ratio	Lower	Upper
149	100		
91	68.1	57.0	85.4
206	21.2	16.4	24.6



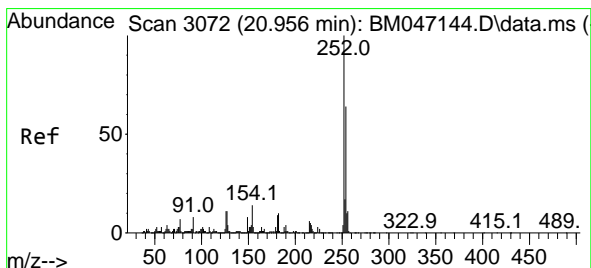
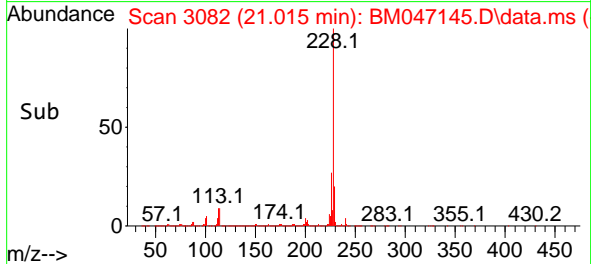
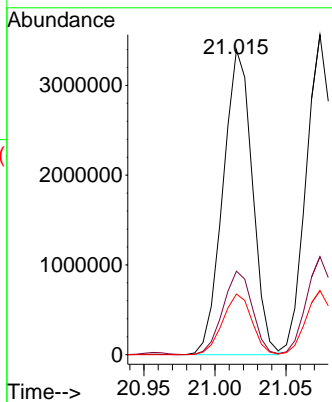
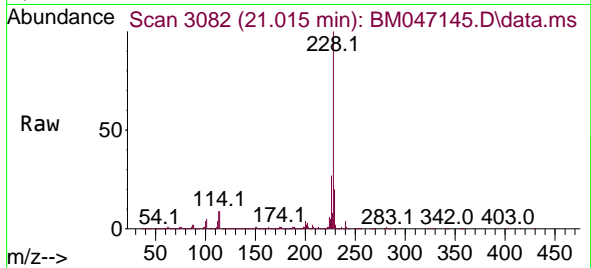


#81
 Benzo(a)anthracene
 Concen: 48.632 ng
 RT: 21.015 min Scan# 3082
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tgt Ion:228 Resp: 4879819

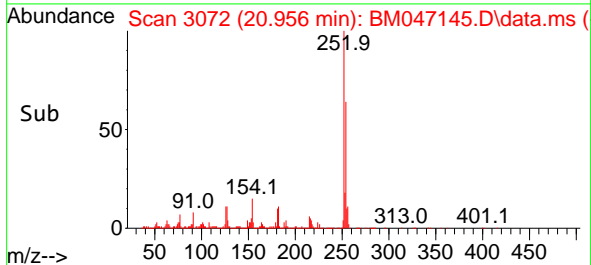
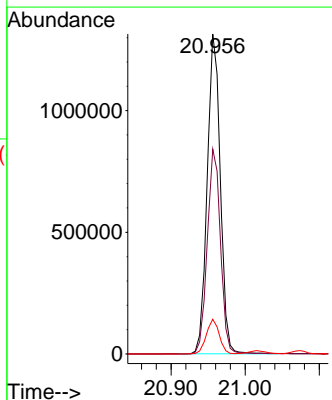
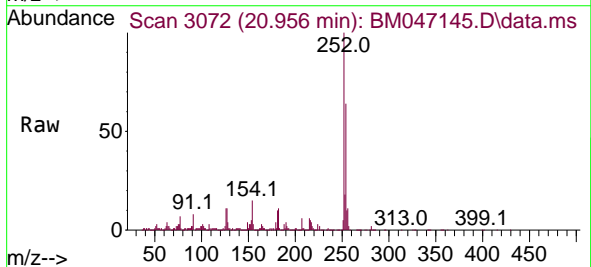
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.6
229	19.9	15.8	23.8

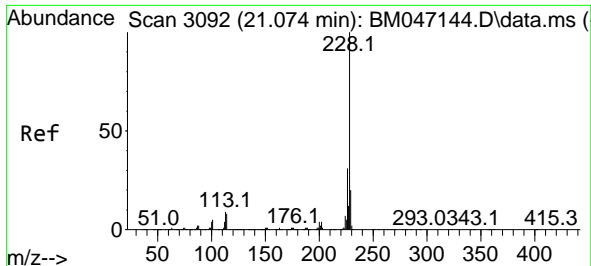


#82
 3,3'-Dichlorobenzidine
 Concen: 51.403 ng
 RT: 20.956 min Scan# 3072
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:252 Resp: 1613787

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.0	76.6
126	10.9	8.5	12.7



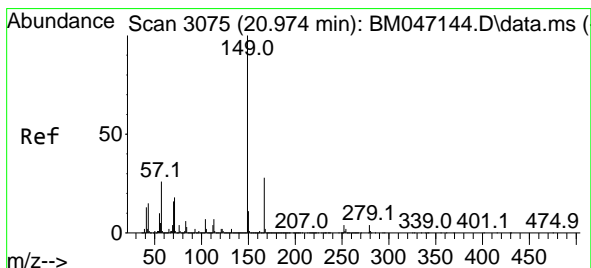
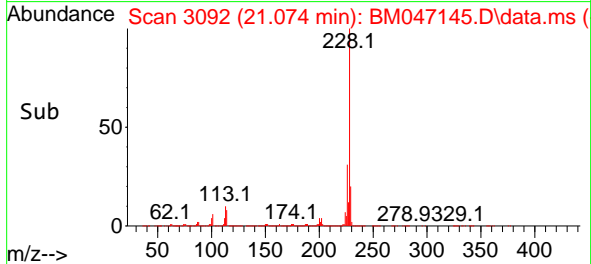
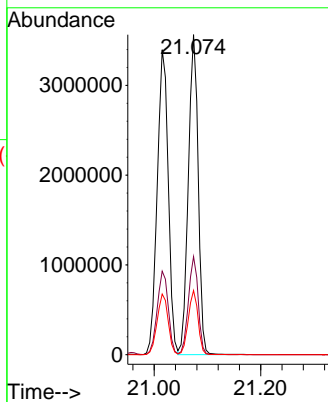
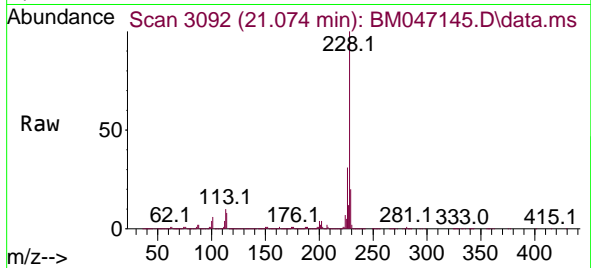


#83
 Chrysene
 Concen: 48.178 ng
 RT: 21.074 min Scan# 3092
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument : BNA_M
 ClientSampleId : SSTDICC050

Tgt Ion:228 Resp: 4586625

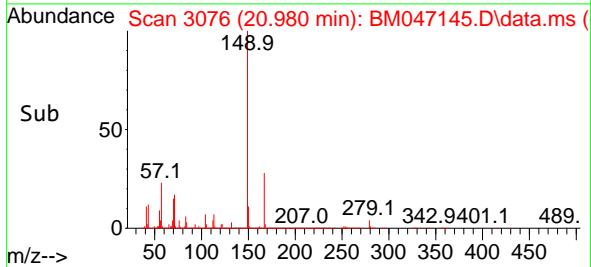
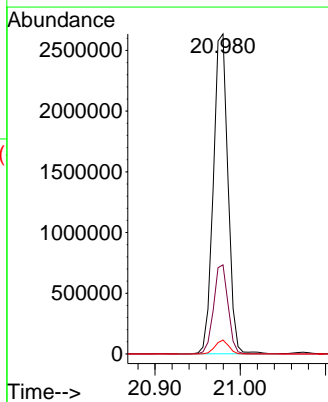
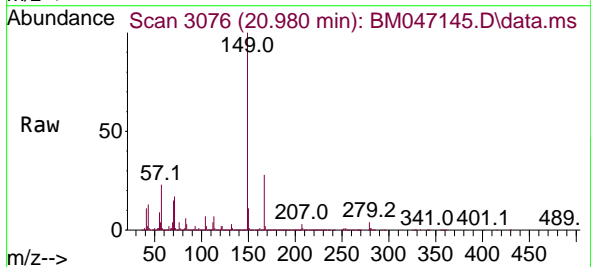
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	20.0	15.7	23.5

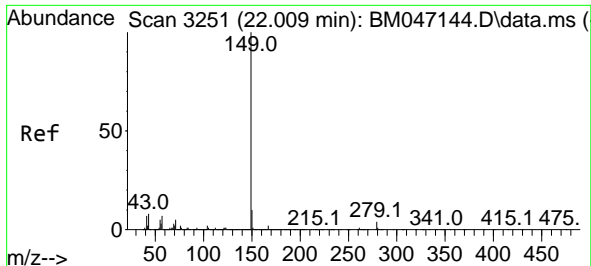


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.331 ng
 RT: 20.980 min Scan# 3076
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:149 Resp: 3143788

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.2
279	4.3	3.0	4.4



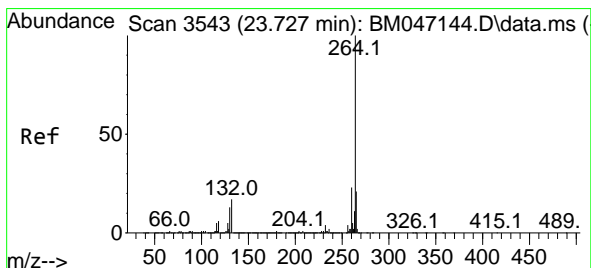
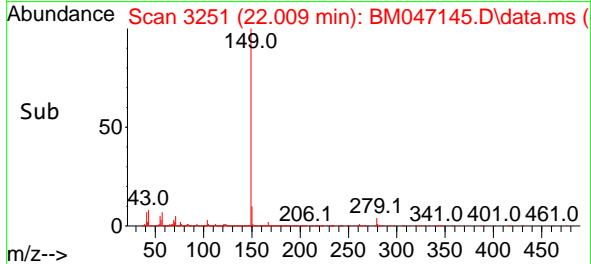
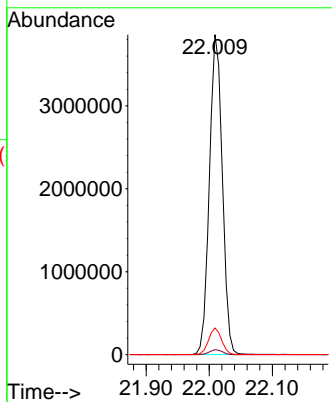
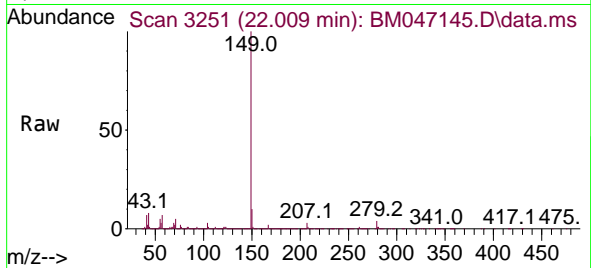


#85
 Di-n-octyl phthalate
 Concen: 51.591 ng
 RT: 22.009 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tgt Ion:149 Resp: 5477285

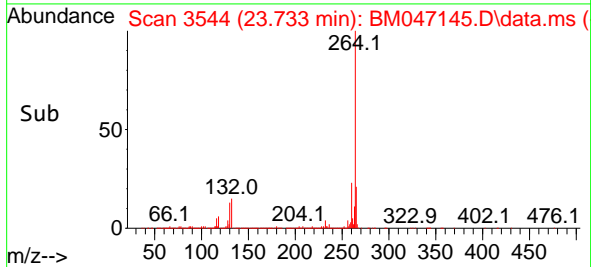
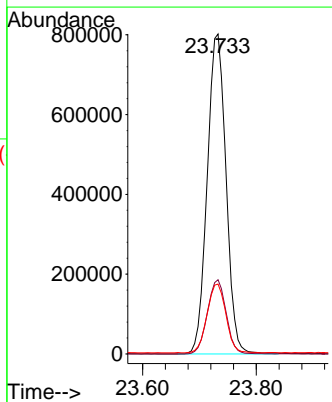
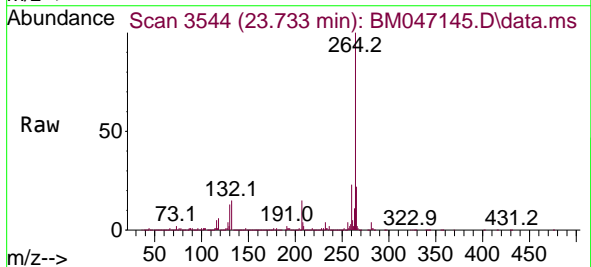
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.4	6.9	10.3

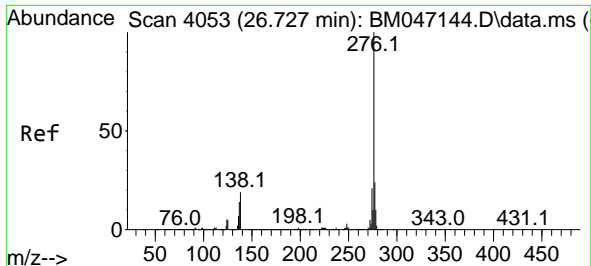


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.733 min Scan# 3544
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:264 Resp: 1841387

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.8	17.3	25.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.416 ng
 RT: 26.732 min Scan# 4053
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

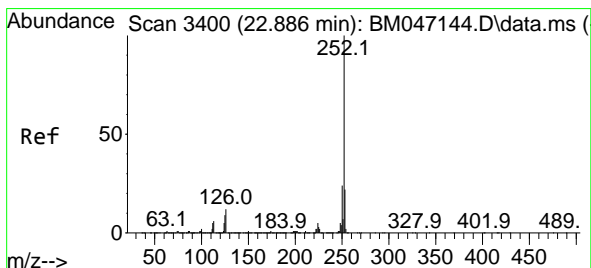
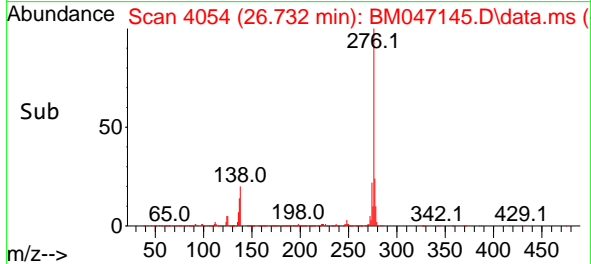
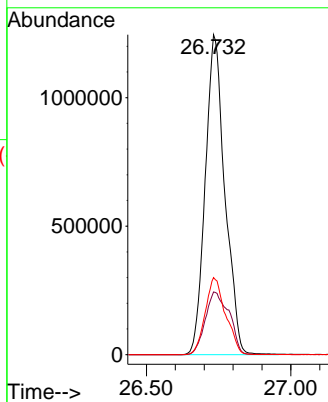
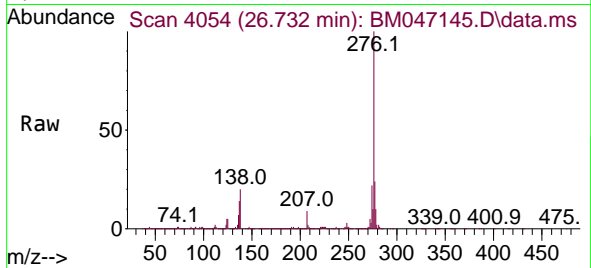
Instrument :

BNA_M

ClientSampleId :

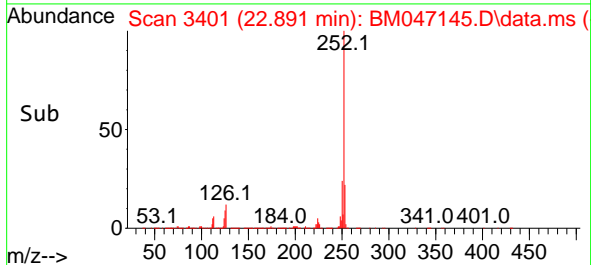
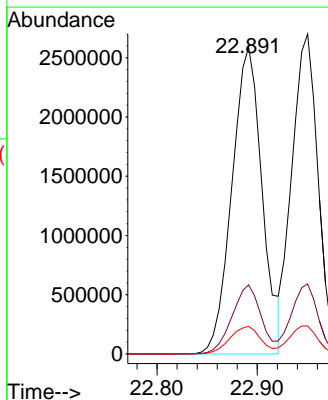
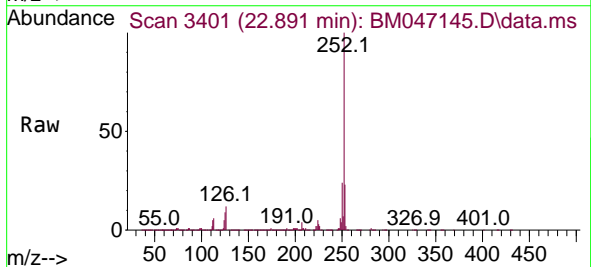
SSTDICC050

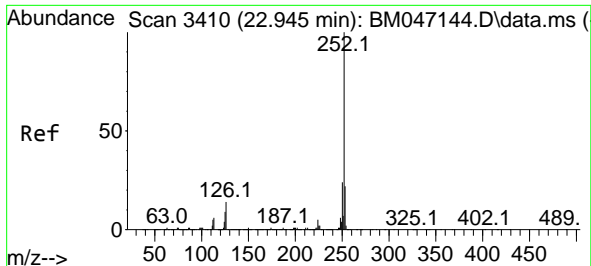
Tgt Ion:276 Resp: 5881591
 Ion Ratio Lower Upper
 276 100
 138 23.9 19.4 29.0
 277 25.0 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 49.618 ng
 RT: 22.891 min Scan# 3401
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:252 Resp: 5425845
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.8 26.6
 125 9.0 7.4 11.0

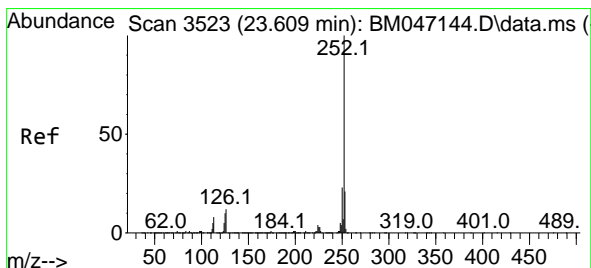
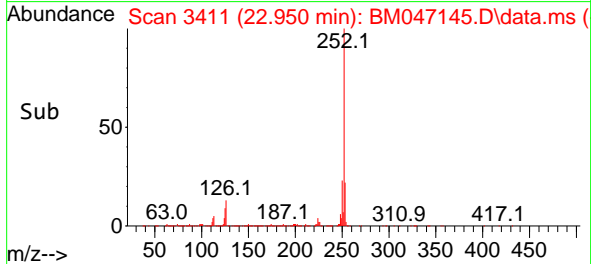
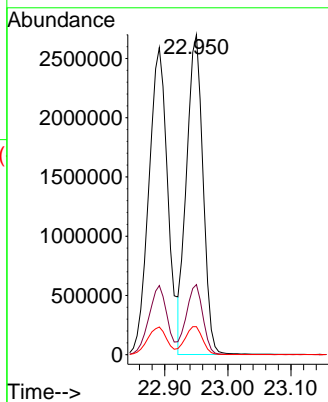
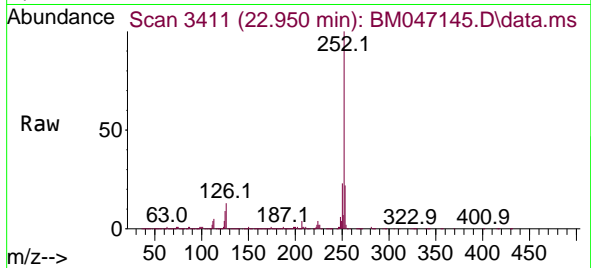




#89
 Benzo(k)fluoranthene
 Concen: 47.199 ng
 RT: 22.950 min Scan# 3410
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

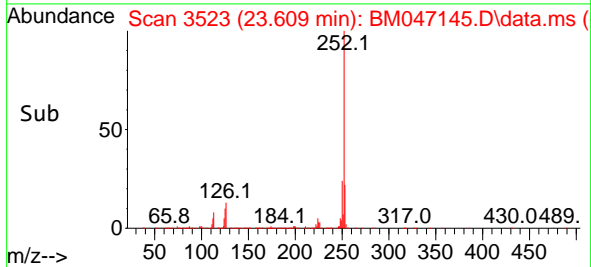
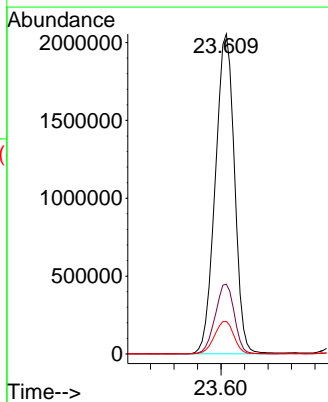
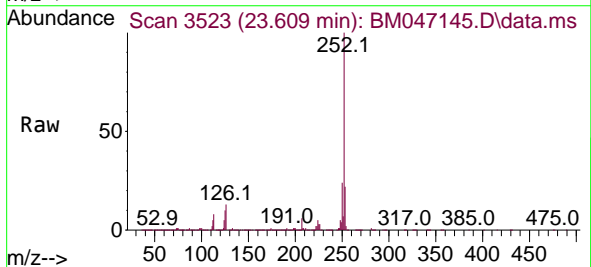
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

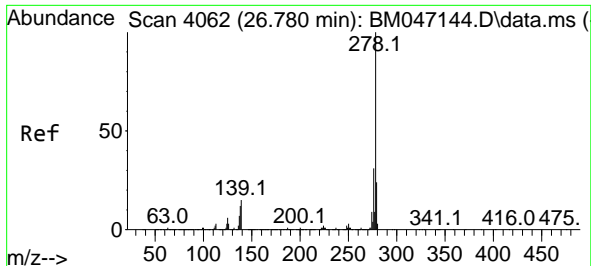
Tgt Ion:252 Resp: 4875078
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.7 26.5
 125 8.7 7.4 11.2



#90
 Benzo(a)pyrene
 Concen: 49.170 ng
 RT: 23.609 min Scan# 3523
 Delta R.T. -0.000 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:252 Resp: 4657835
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.1 25.7
 125 10.2 8.2 12.2





#91
 Dibenzo(a,h)anthracene
 Concen: 48.774 ng
 RT: 26.785 min Scan# 4063
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Instrument :

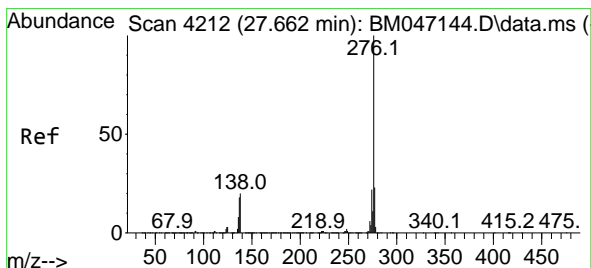
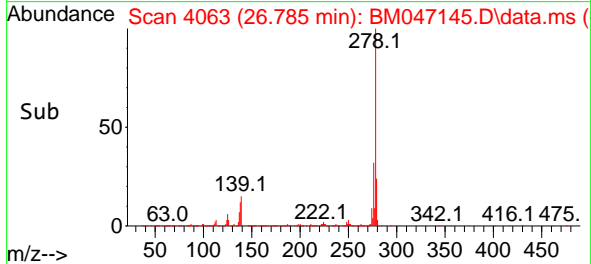
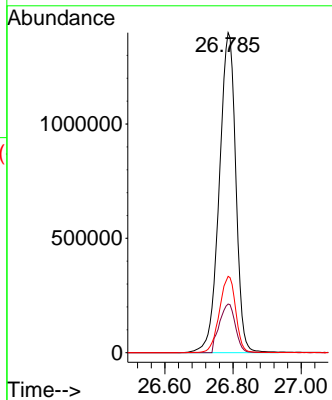
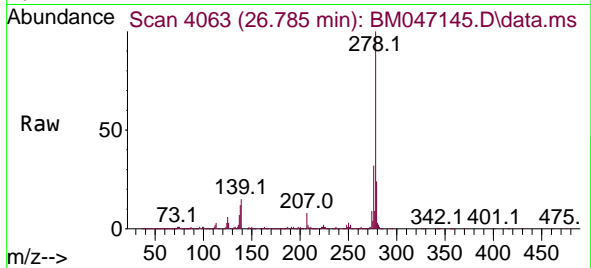
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 4698026

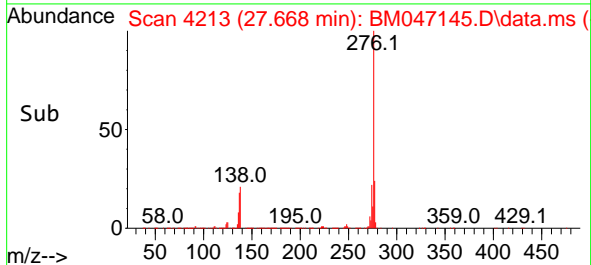
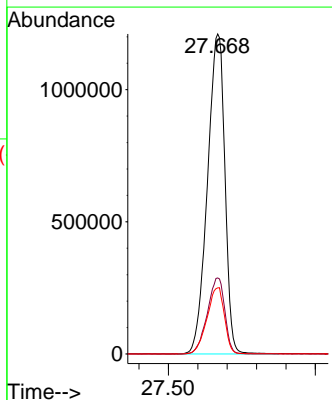
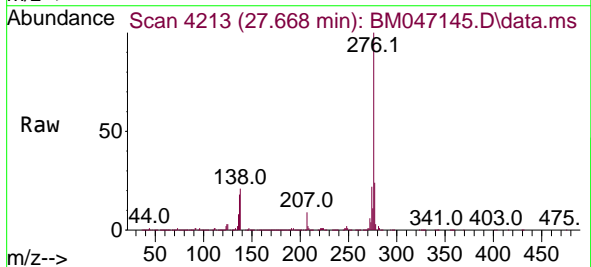
Ion	Ratio	Lower	Upper
278	100		
139	15.2	12.0	18.0
279	23.9	19.2	28.8



#92
 Benzo(g,h,i)perylene
 Concen: 49.812 ng
 RT: 27.668 min Scan# 4213
 Delta R.T. 0.006 min
 Lab File: BM047145.D
 Acq: 10 Aug 2024 16:31

Tgt Ion:276 Resp: 4981580

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	20.7	16.2	24.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047146.D
 Acq On : 10 Aug 2024 17:11
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Aug 11 23:35:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:24:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.375	152	381037	20.000	ng	0.00	
21) Naphthalene-d8	10.133	136	1526728	20.000	ng	0.00	
39) Acenaphthene-d10	14.033	164	991306	20.000	ng	0.00	
64) Phenanthrene-d10	16.798	188	2082135	20.000	ng	0.00	
76) Chrysene-d12	21.033	240	1812683	20.000	ng	0.00	
86) Perylene-d12	23.733	264	2151546	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.028	112	2449346	114.860	ng	0.00	
7) Phenol-d6	6.593	99	3414785	116.214	ng	0.00	
23) Nitrobenzene-d5	8.528	82	3495384	115.282	ng	0.00	
42) 2,4,6-Tribromophenol	15.545	330	1391826	121.088	ng	0.00	
45) 2-Fluorobiphenyl	12.645	172	7500034	116.705	ng	0.00	
79) Terphenyl-d14	19.462	244	10315735	121.942	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.034	88	505618	57.225	ng		98
3) Pyridine	3.410	79	1511433m	58.377	ng		
4) n-Nitrosodimethylamine	3.334	42	666445	58.875	ng		99
6) Aniline	6.728	93	1595030	57.431	ng		100
8) 2-Chlorophenol	6.957	128	1333099	57.317	ng		98
9) Benzaldehyde	6.540	77	733143	58.359	ng		100
10) Phenol	6.616	94	1688399	57.586	ng		99
11) bis(2-Chloroethyl)ether	6.834	93	1446822	57.623	ng		100
12) 1,3-Dichlorobenzene	7.263	146	1592469	57.619	ng		98
13) 1,4-Dichlorobenzene	7.410	146	1614359	57.691	ng		99
14) 1,2-Dichlorobenzene	7.722	146	1495805	56.653	ng		99
15) Benzyl Alcohol	7.634	79	1258590	60.184	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.916	45	1768027	54.811	ng		99
17) 2-Methylphenol	7.839	107	1134669	58.008	ng		99
18) Hexachloroethane	8.428	117	639660	59.012	ng		100
19) n-Nitroso-di-n-propyla...	8.192	70	1096068	55.379	ng		99
20) 3+4-Methylphenols	8.169	107	1605895	58.726	ng		99
22) Acetophenone	8.198	105	2070558	56.185	ng	#	98
24) Nitrobenzene	8.569	77	1733451	56.777	ng		100
25) Isophorone	9.098	82	3108196	58.876	ng		98
26) 2-Nitrophenol	9.269	139	865172	63.987	ng		97
27) 2,4-Dimethylphenol	9.345	122	957294	60.441	ng		98
28) bis(2-Chloroethoxy)met...	9.581	93	1895700	57.068	ng		99
29) 2,4-Dichlorophenol	9.798	162	1451562	61.767	ng		100
30) 1,2,4-Trichlorobenzene	10.004	180	1589392	59.763	ng		99
31) Naphthalene	10.186	128	4415000	58.049	ng		100
32) Benzoic acid	9.575	122	1248981	67.498	ng		99
33) 4-Chloroaniline	10.316	127	1718710	58.764	ng		100
34) Hexachlorobutadiene	10.469	225	965378	62.017	ng		100
35) Caprolactam	11.151	113	503257m	61.664	ng		
36) 4-Chloro-3-methylphenol	11.463	107	1512201	60.420	ng		100
37) 2-Methylnaphthalene	11.810	142	3194966	59.000	ng		99
38) 1-Methylnaphthalene	12.033	142	3159405	59.033	ng		97
40) 1,2,4,5-Tetrachloroben...	12.192	216	1663474	61.523	ng		99
41) Hexachlorocyclopentadiene	12.169	237	620612	65.733	ng		97
43) 2,4,6-Trichlorophenol	12.451	196	1202229	62.557	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047146.D
 Acq On : 10 Aug 2024 17:11
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Aug 11 23:35:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:24:37 2024
 Response via : Initial Calibration

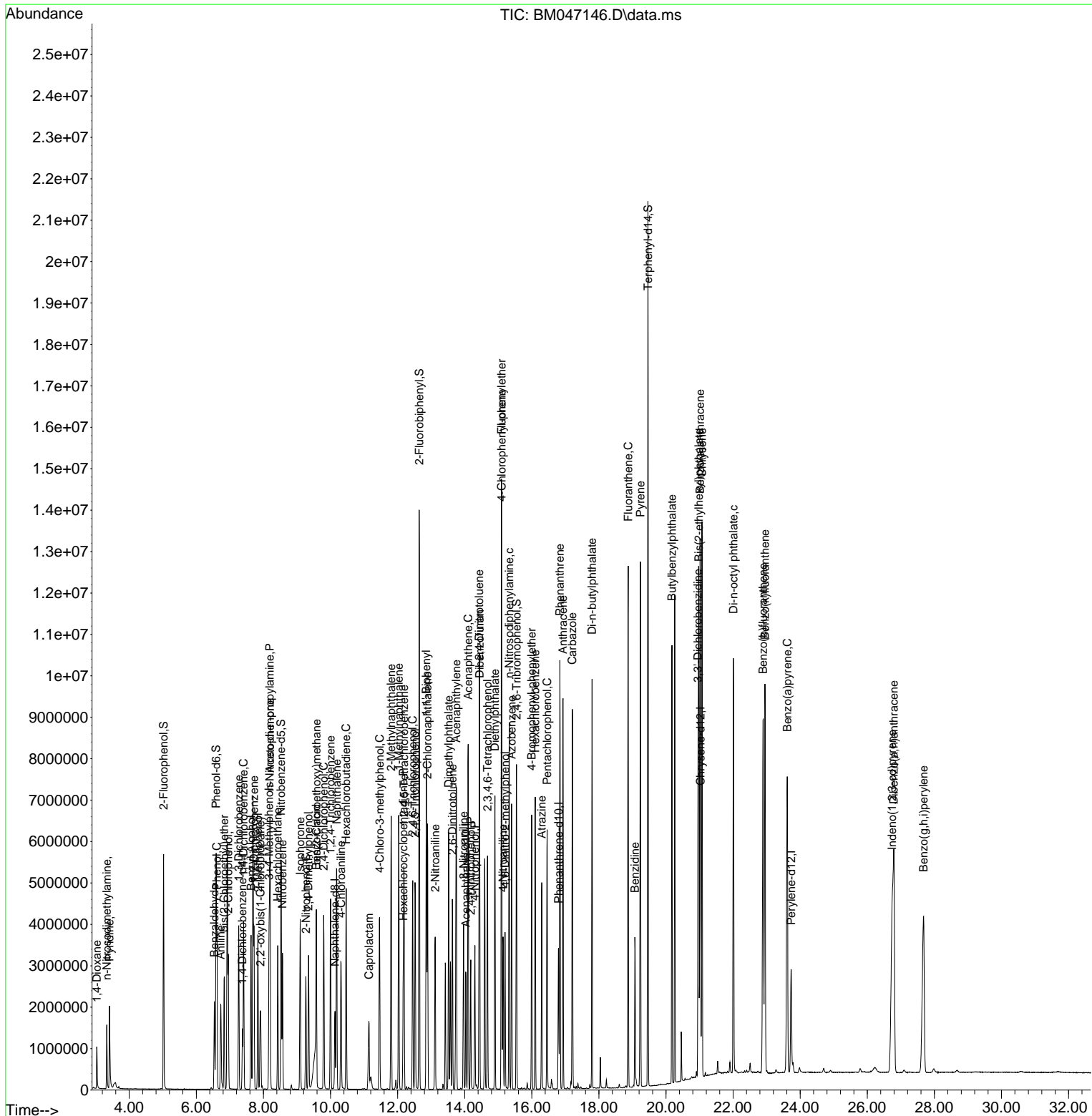
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.522	196	1329069	62.287	ng	98
46) 1,1'-Biphenyl	12.857	154	4126067	58.466	ng	99
47) 2-Chloronaphthalene	12.892	162	3192787	57.882	ng	99
48) 2-Nitroaniline	13.121	65	1051464	60.847	ng	100
49) Acenaphthylene	13.751	152	4765674	58.613	ng	100
50) Dimethylphthalate	13.521	163	4059126	58.629	ng	99
51) 2,6-Dinitrotoluene	13.633	165	995456	61.508	ng	96
52) Acenaphthene	14.104	154	3025820	58.668	ng	99
53) 3-Nitroaniline	13.969	138	1000744	61.708	ng	100
54) 2,4-Dinitrophenol	14.180	184	647477	66.750	ng	97
55) Dibenzofuran	14.445	168	4709496	57.809	ng	99
56) 4-Nitrophenol	14.304	139	879989	62.927	ng	96
57) 2,4-Dinitrotoluene	14.433	165	1323234	61.255	ng	98
58) Fluorene	15.098	166	3885304	57.801	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.680	232	1088974	62.097	ng	98
60) Diethylphthalate	14.904	149	4128072	58.389	ng	99
61) 4-Chlorophenyl-phenyle...	15.104	204	1916971	59.903	ng	96
62) 4-Nitroaniline	15.145	138	978393	61.238	ng	99
63) Azobenzene	15.398	77	3820106	56.986	ng	98
65) 4,6-Dinitro-2-methylph...	15.204	198	799367	65.573	ng	96
66) n-Nitrosodiphenylamine	15.327	169	3326078	58.648	ng	99
67) 4-Bromophenyl-phenylether	15.998	248	1234868	61.547	ng	98
68) Hexachlorobenzene	16.104	284	1431249	59.562	ng	97
69) Atrazine	16.298	200	906491	53.118	ng	99
70) Pentachlorophenol	16.457	266	1086504	64.503	ng	99
71) Phenanthrene	16.839	178	6082429	58.208	ng	100
72) Anthracene	16.933	178	6001835	59.030	ng	99
73) Carbazole	17.209	167	5990202	57.702	ng	100
74) Di-n-butylphthalate	17.798	149	7121063	58.952	ng	100
75) Fluoranthene	18.874	202	7540518	59.328	ng	99
77) Benzidine	19.074	184	2113957	68.768	ng	100
78) Pyrene	19.239	202	7862143	60.744	ng	100
80) Butylbenzylphthalate	20.180	149	3347760	63.380	ng	96
81) Benzo(a)anthracene	21.015	228	7197782	59.814	ng	99
82) 3,3'-Dichlorobenzidine	20.956	252	2319044	61.593	ng	99
83) Chrysene	21.074	228	6712104	58.790	ng	99
84) Bis(2-ethylhexyl)phtha...	20.980	149	4599112	61.396	ng #	99
85) Di-n-octyl phthalate	22.009	149	8171642	64.180	ng	99
87) Indeno(1,2,3-cd)pyrene	26.744	276	7917132	56.929	ng	99
88) Benzo(b)fluoranthene	22.897	252	7789248	60.962	ng	99
89) Benzo(k)fluoranthene	22.950	252	7202578	59.680	ng	99
90) Benzo(a)pyrene	23.615	252	6751397	60.997	ng	99
91) Dibenzo(a,h)anthracene	26.791	278	6367453	56.576	ng	100
92) Benzo(g,h,i)perylene	27.679	276	6483852	55.488	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

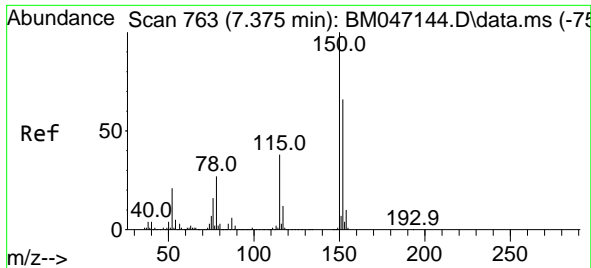
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Data File : BM047146.D
Acq On : 10 Aug 2024 17:11
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Aug 11 23:35:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:24:37 2024
Response via : Initial Calibration



- 1
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- 17



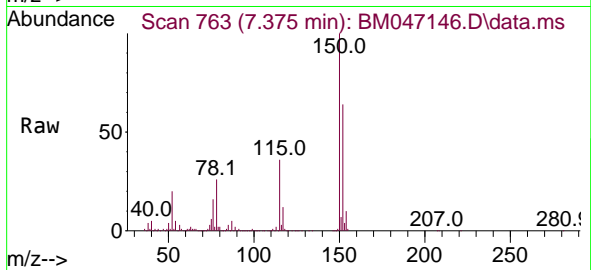
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.375 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :

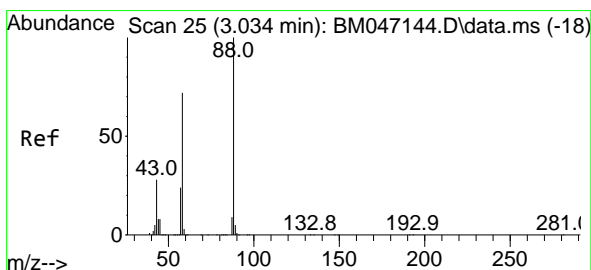
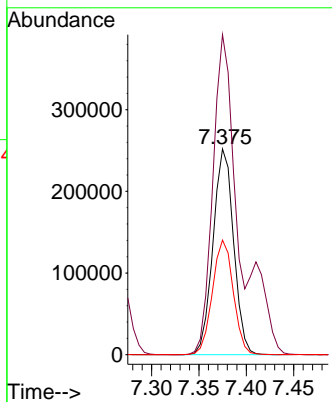
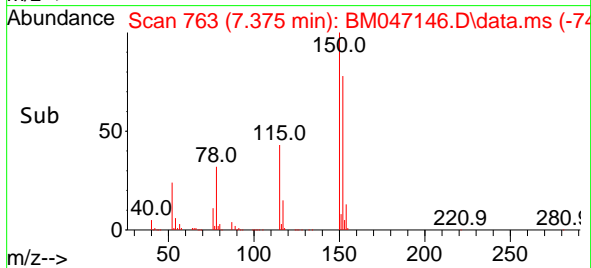
BNA_M

ClientSampleId :

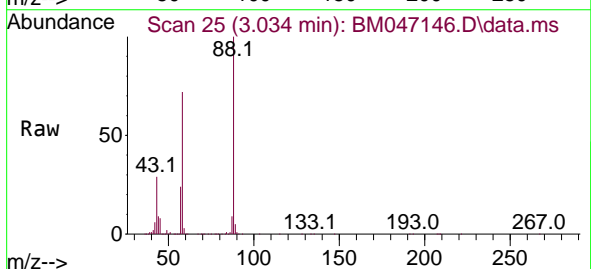
SSTDICC060



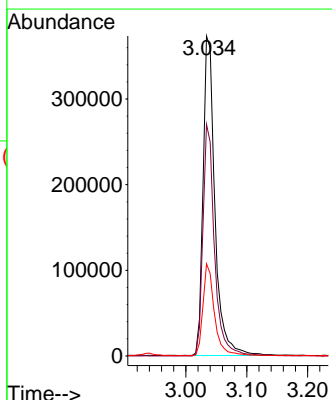
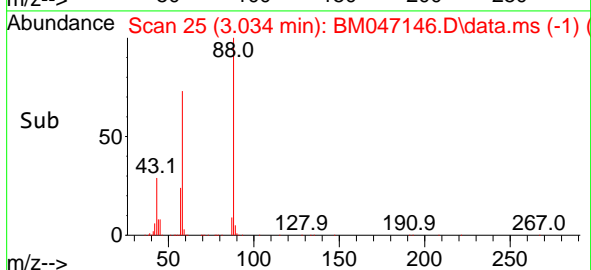
Tgt Ion:152 Resp: 381037
 Ion Ratio Lower Upper
 152 100
 150 155.6 120.5 180.7
 115 55.7 45.5 68.3

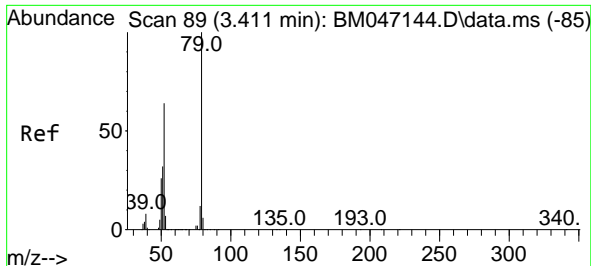


#2
 1,4-Dioxane
 Concen: 57.225 ng
 RT: 3.034 min Scan# 25
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11



Tgt Ion: 88 Resp: 505618
 Ion Ratio Lower Upper
 88 100
 58 71.2 58.2 87.4
 43 27.9 22.5 33.7

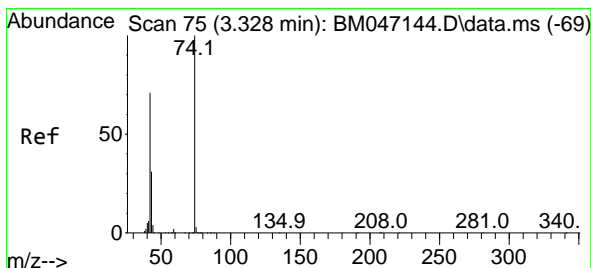
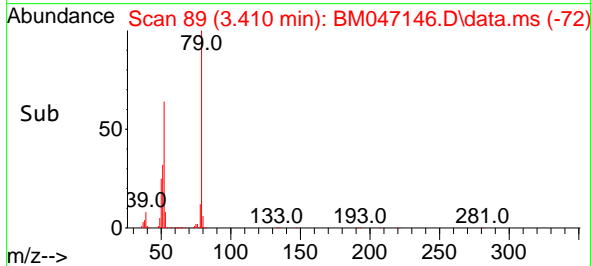
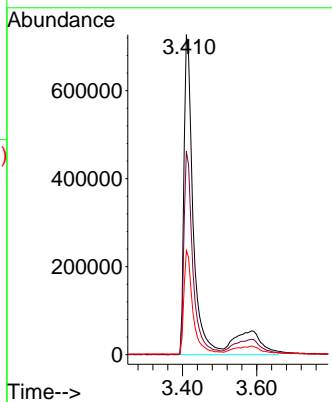
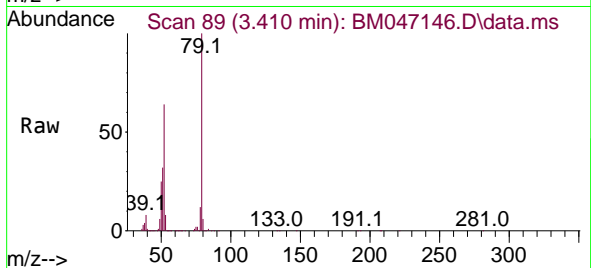




#3
 Pyridine
 Concen: 58.377 ng m
 RT: 3.410 min Scan# 89
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

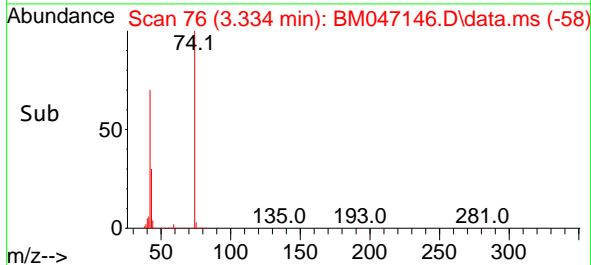
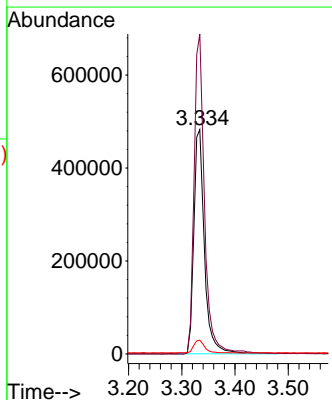
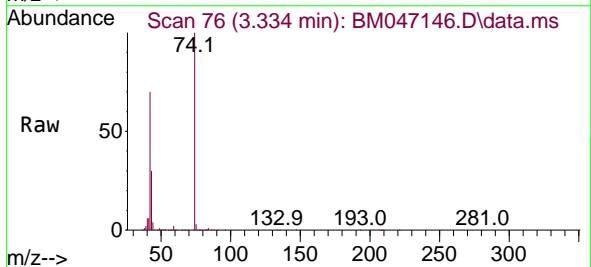
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

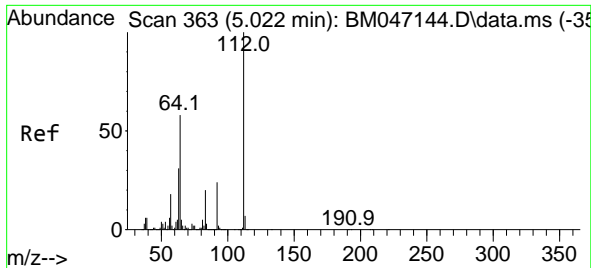
Tgt Ion: 79 Resp: 1511433
 Ion Ratio Lower Upper
 79 100
 52 63.6 51.2 76.8
 51 32.5 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 58.875 ng
 RT: 3.334 min Scan# 76
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion: 42 Resp: 666445
 Ion Ratio Lower Upper
 42 100
 74 142.7 112.9 169.3
 44 6.1 5.3 7.9



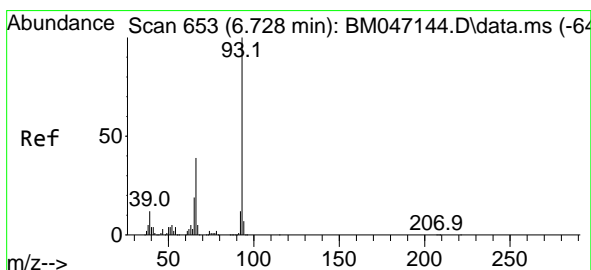
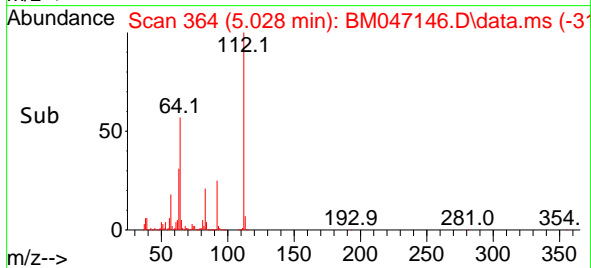
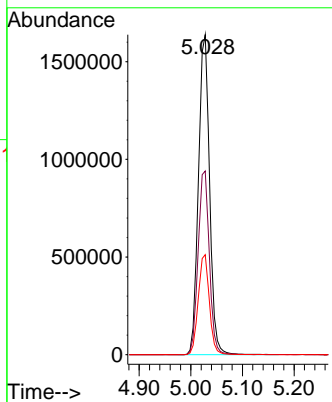
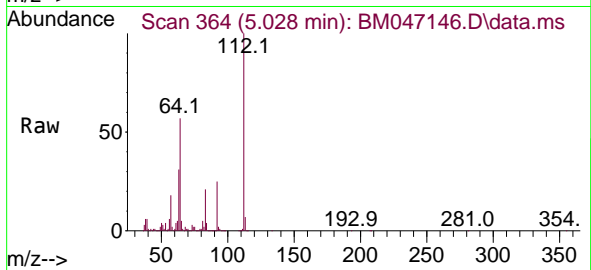


#5
 2-Fluorophenol
 Concen: 114.860 ng
 RT: 5.028 min Scan# 363
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument : BNA_M
 ClientSampleId : SSTDICC060

Tgt Ion:112 Resp: 2449346

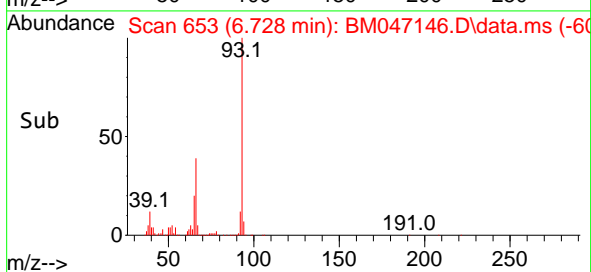
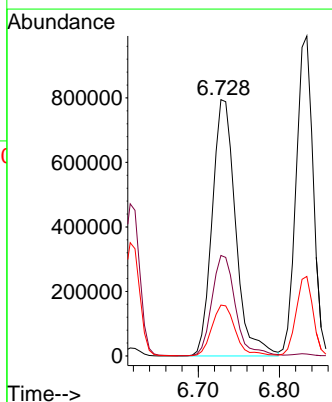
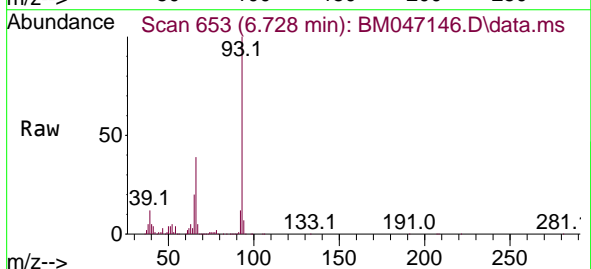
Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.7	70.1
63	31.3	24.8	37.2

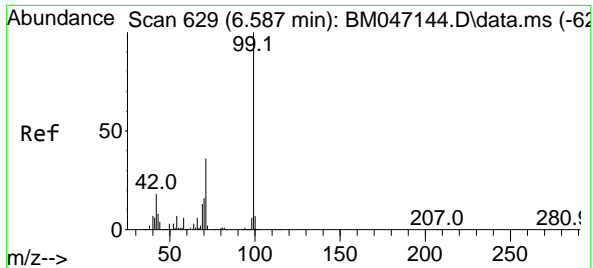


#6
 Aniline
 Concen: 57.431 ng
 RT: 6.728 min Scan# 653
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion: 93 Resp: 1595030

Ion	Ratio	Lower	Upper
93	100		
66	39.2	31.4	47.2
65	19.9	15.6	23.4



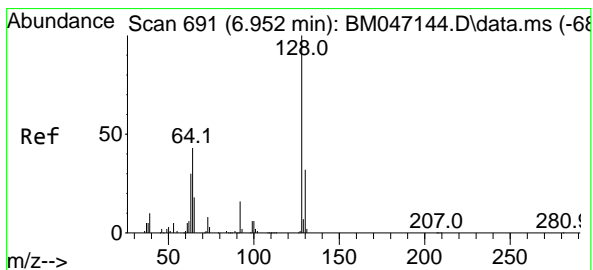
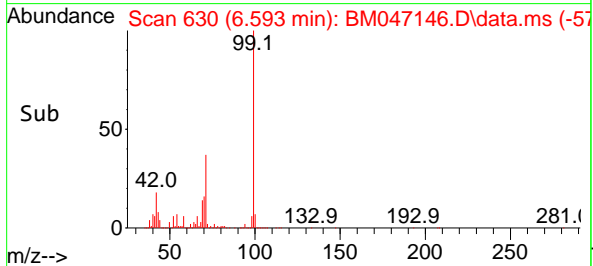
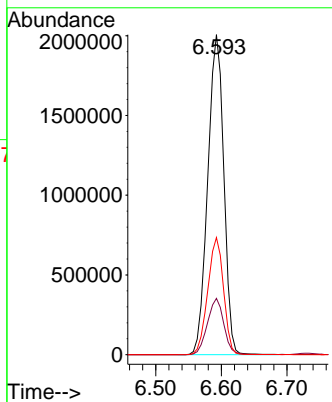
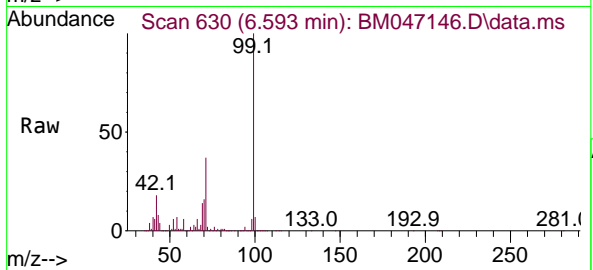


#7
Phenol-d6
Concen: 116.214 ng
RT: 6.593 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047146.D
Acq: 10 Aug 2024 17:11

Instrument : BNA_M
Client Sample Id : SSTDICC060

Tgt Ion: 99 Resp: 3414785

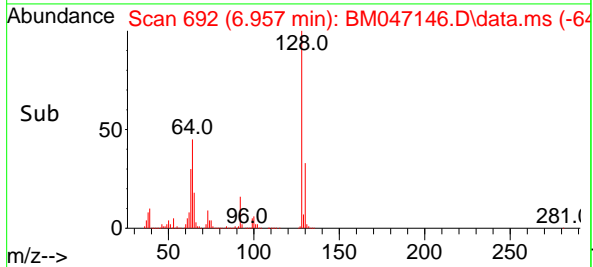
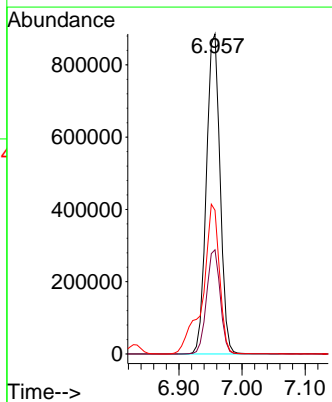
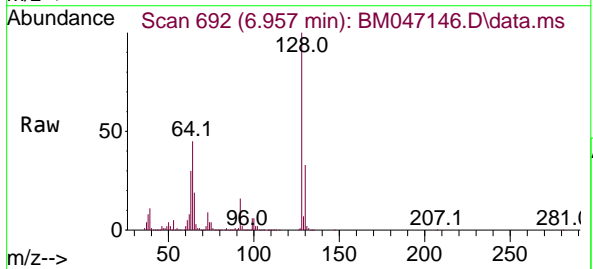
Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.1	21.1
71	36.6	28.5	42.7

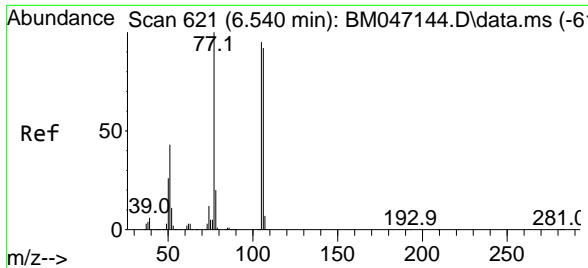


#8
2-Chlorophenol
Concen: 57.317 ng
RT: 6.957 min Scan# 692
Delta R.T. 0.006 min
Lab File: BM047146.D
Acq: 10 Aug 2024 17:11

Tgt Ion: 128 Resp: 1333099

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.1	52.1
64	44.9	26.6	66.6



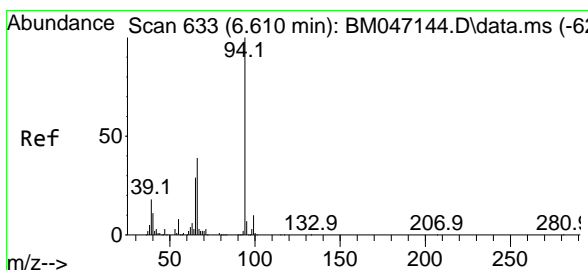
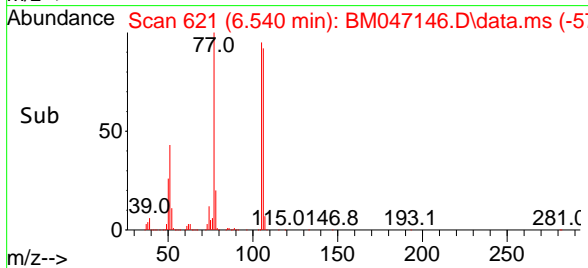
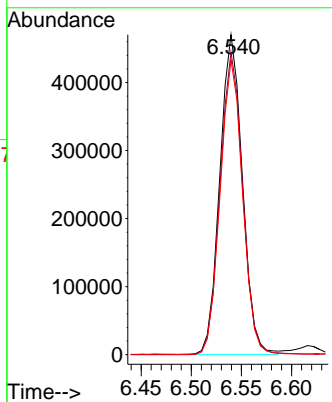
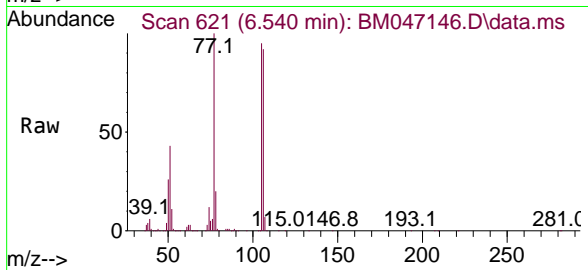


#9
 Benzaldehyde
 Concen: 58.359 ng
 RT: 6.540 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tgt Ion: 77 Resp: 733143

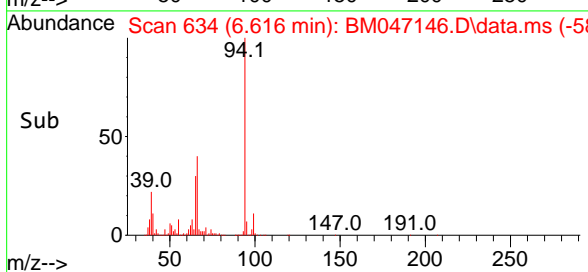
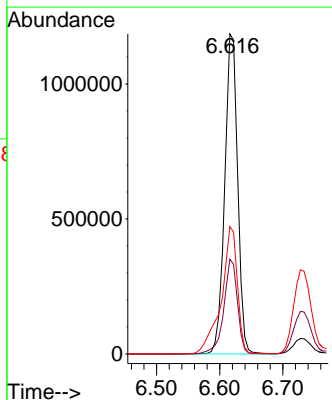
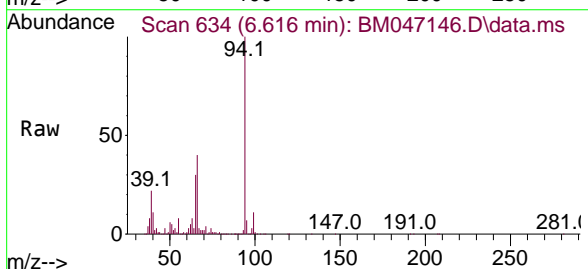
Ion	Ratio	Lower	Upper
77	100		
105	94.6	74.5	114.5
106	92.1	72.3	112.3

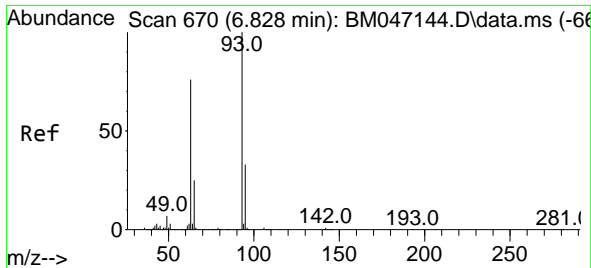


#10
 Phenol
 Concen: 57.586 ng
 RT: 6.616 min Scan# 634
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion: 94 Resp: 1688399

Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.0	49.0
66	39.8	18.9	58.9





#11
 bis(2-Chloroethyl)ether
 Concen: 57.623 ng
 RT: 6.834 min Scan# 671
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :

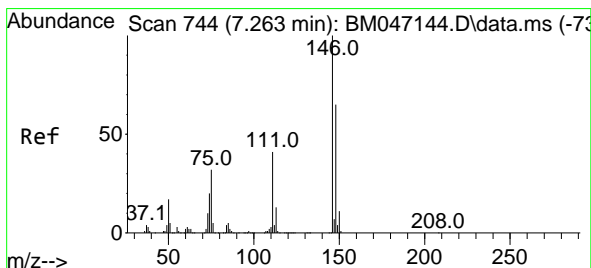
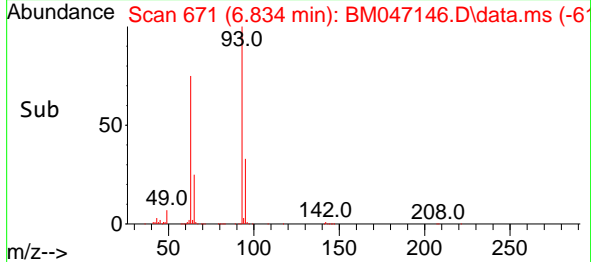
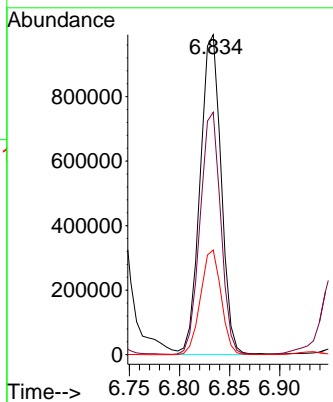
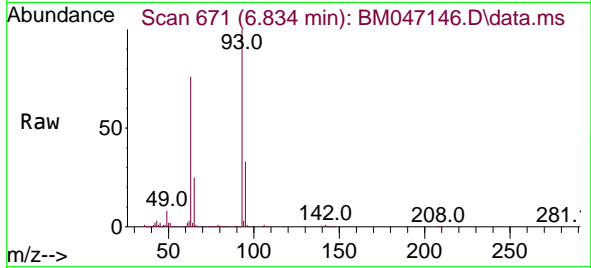
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion: 93 Resp: 1446822

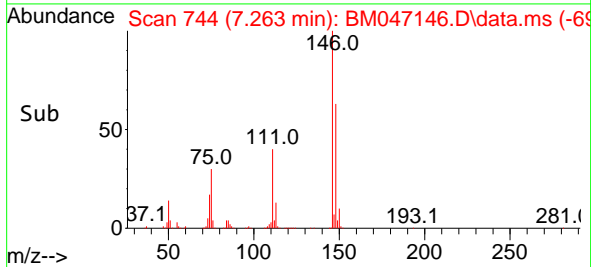
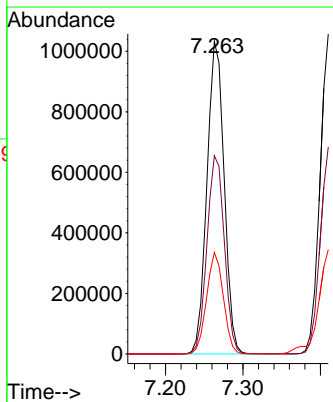
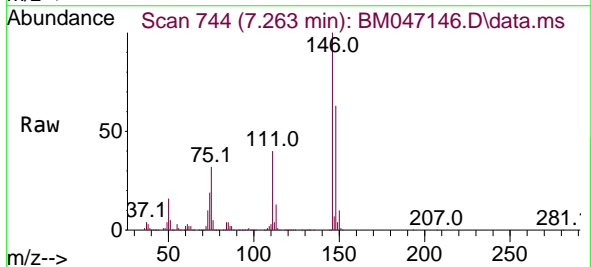
Ion	Ratio	Lower	Upper
93	100		
63	75.7	55.8	95.8
95	32.7	12.7	52.7

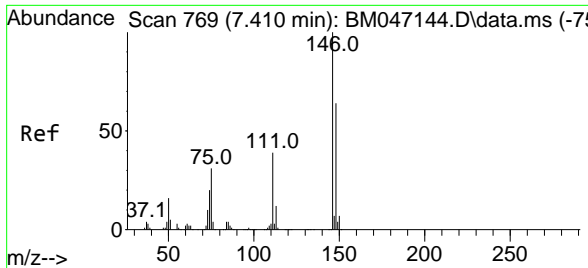


#12
 1,3-Dichlorobenzene
 Concen: 57.619 ng
 RT: 7.263 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion: 146 Resp: 1592469

Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.3	78.5
75	32.5	25.8	38.6



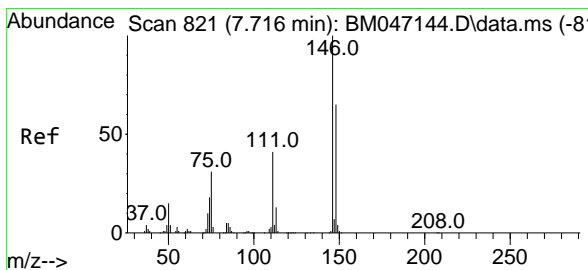
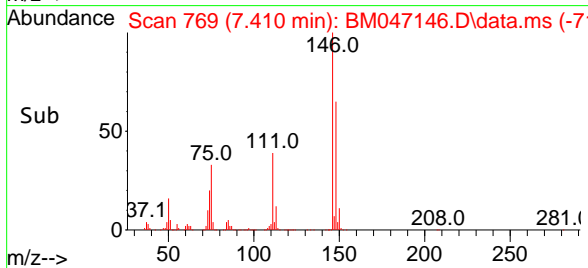
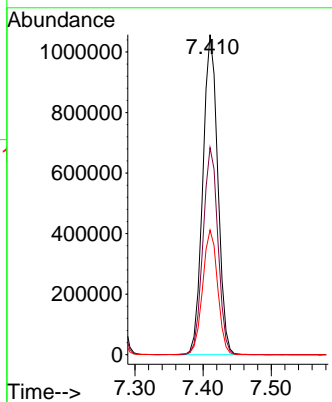
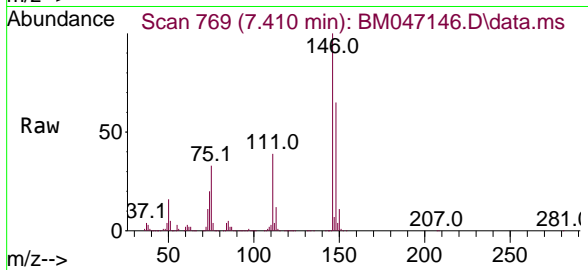


#13
 1,4-Dichlorobenzene
 Concen: 57.691 ng
 RT: 7.410 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument : BNA_M
 ClientSampleId : SSTDICC060

Tgt Ion:146 Resp: 1614359

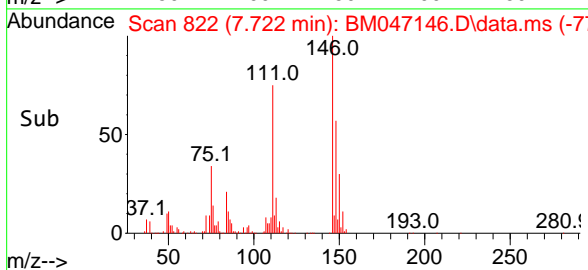
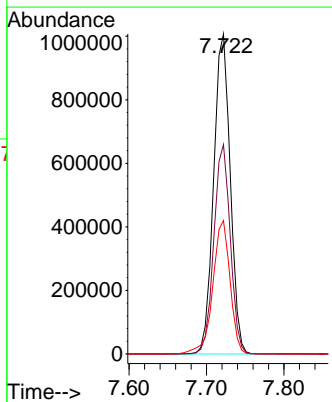
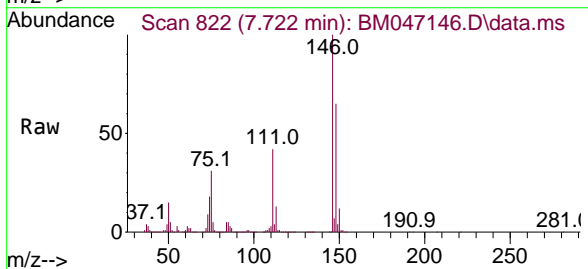
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
111	38.9	31.5	47.3

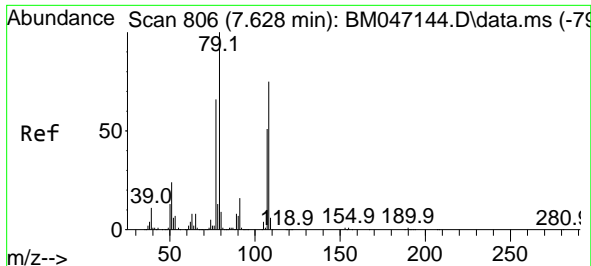


#14
 1,2-Dichlorobenzene
 Concen: 56.653 ng
 RT: 7.722 min Scan# 822
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:146 Resp: 1495805

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
111	41.7	33.3	49.9



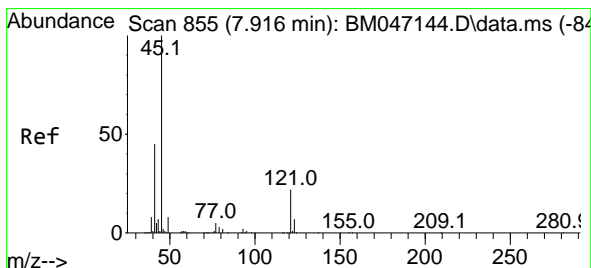
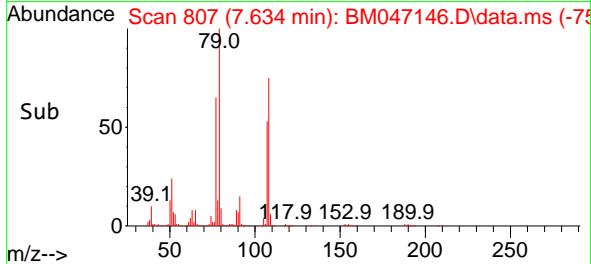
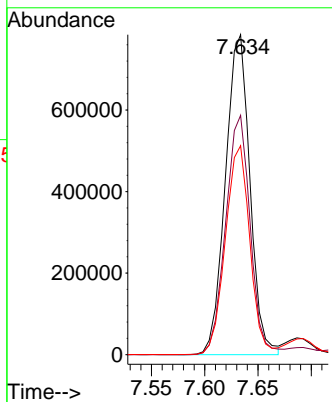
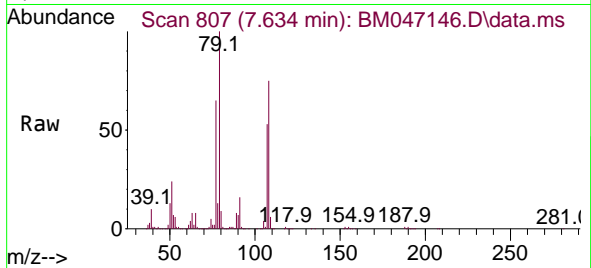


#15
 Benzyl Alcohol
 Concen: 60.184 ng
 RT: 7.634 min Scan# 807
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tgt Ion: 79 Resp: 1258590

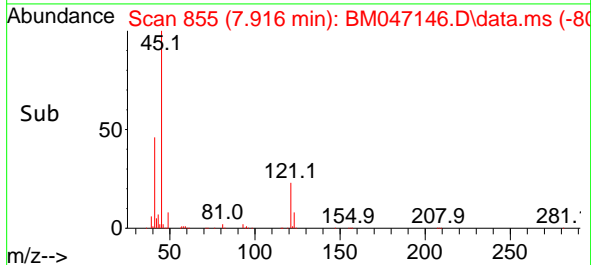
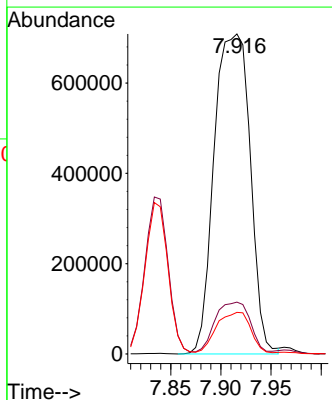
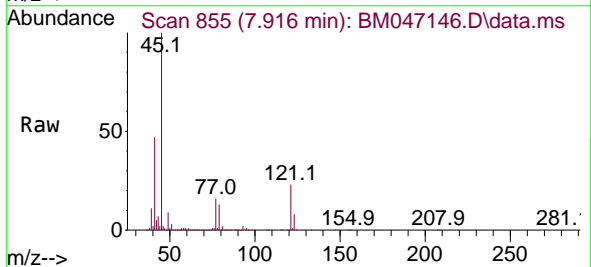
Ion	Ratio	Lower	Upper
79	100		
108	74.8	59.7	89.5
77	65.3	52.9	79.3

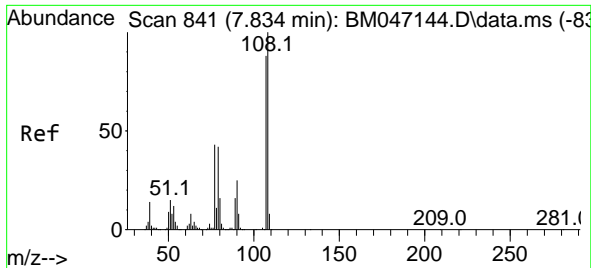


#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 54.811 ng
 RT: 7.916 min Scan# 855
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion: 45 Resp: 1768027

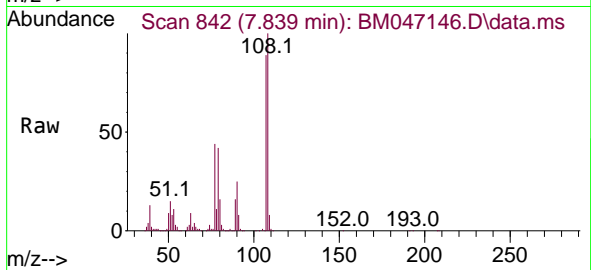
Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	35.6
79	13.0	0.0	32.4





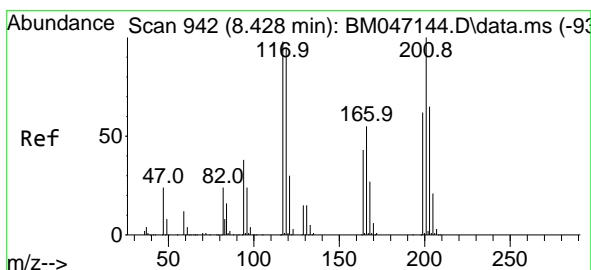
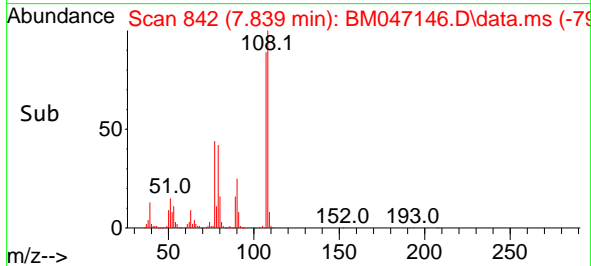
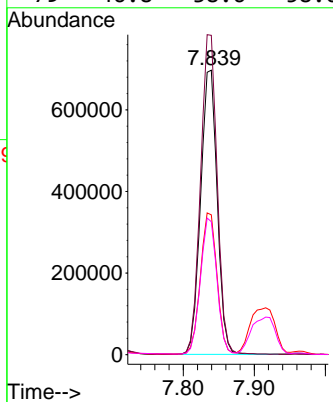
#17
 2-Methylphenol
 Concen: 58.008 ng
 RT: 7.839 min Scan# 841
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060



Tgt Ion:107 Resp: 1134669

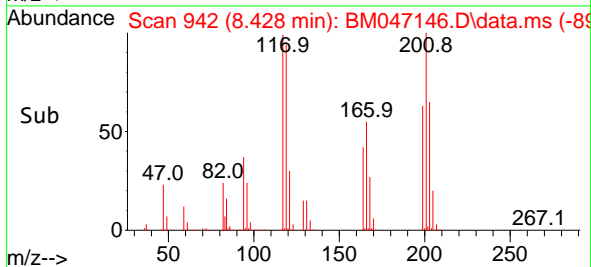
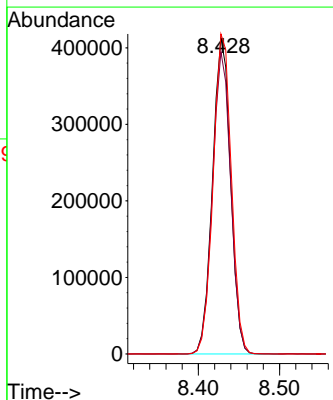
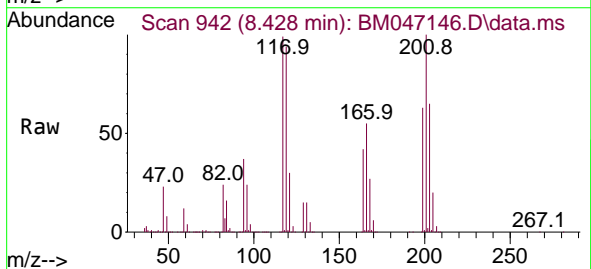
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.6	135.8
77	49.2	39.3	58.9
79	46.8	38.6	58.0

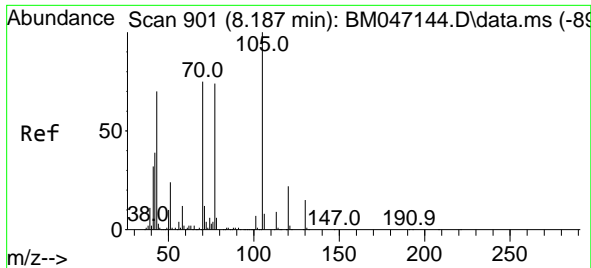


#18
 Hexachloroethane
 Concen: 59.012 ng
 RT: 8.428 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:117 Resp: 639660

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.0	115.4
201	101.2	81.3	121.9





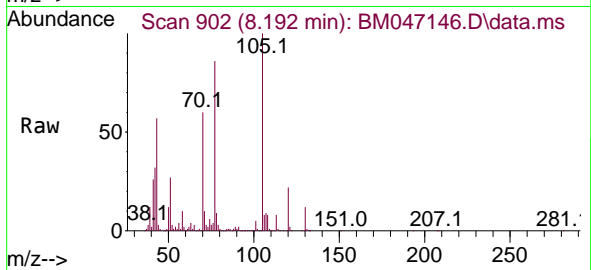
#19
 n-Nitroso-di-n-propylamine
 Concen: 55.379 ng
 RT: 8.192 min Scan# 901
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :

BNA_M

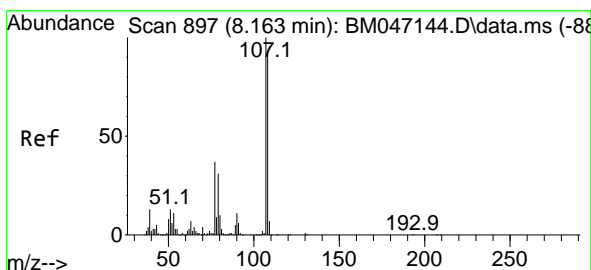
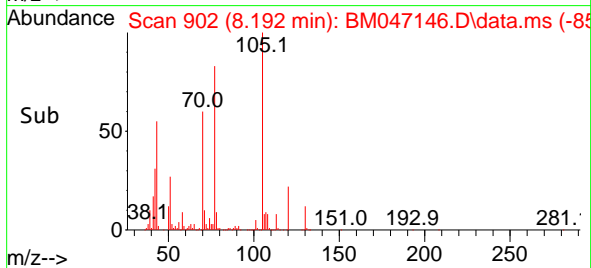
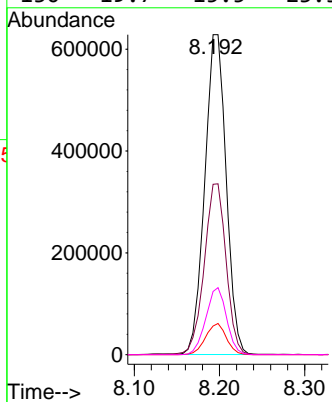
ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 1096068

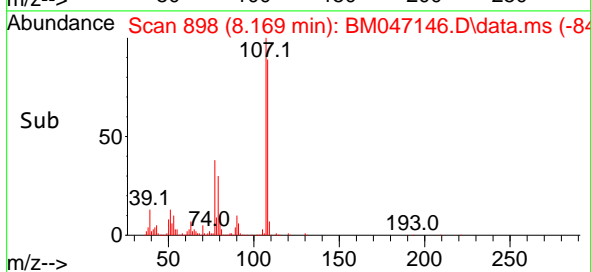
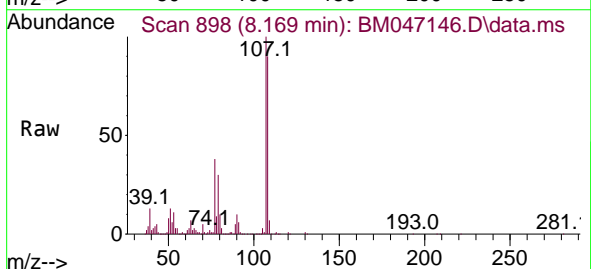
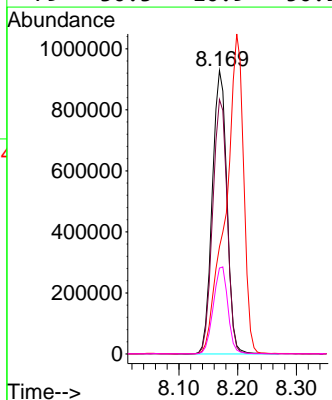
Ion	Ratio	Lower	Upper
70	100		
42	53.3	42.0	63.0
101	9.0	7.2	10.8
130	19.7	15.5	23.3

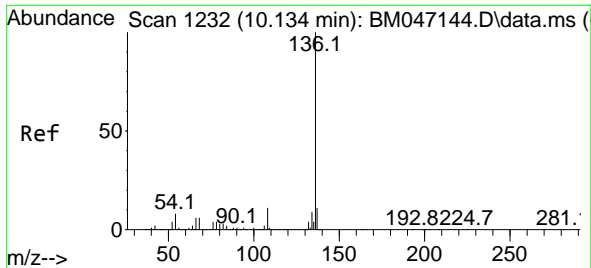


#20
 3+4-Methylphenols
 Concen: 58.726 ng
 RT: 8.169 min Scan# 898
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion: 107 Resp: 1605895

Ion	Ratio	Lower	Upper
107	100		
108	89.7	70.7	110.7
77	37.8	17.4	57.4
79	30.3	10.9	50.9





#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.133 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :

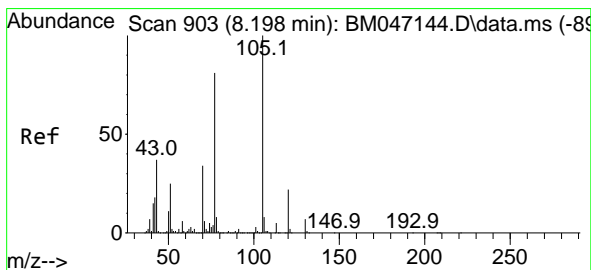
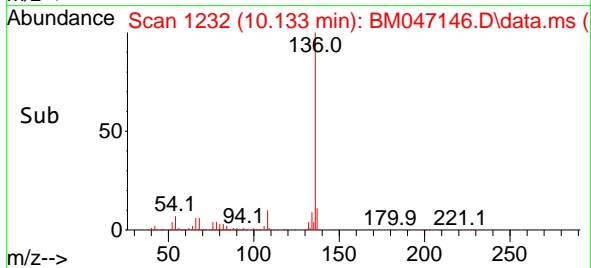
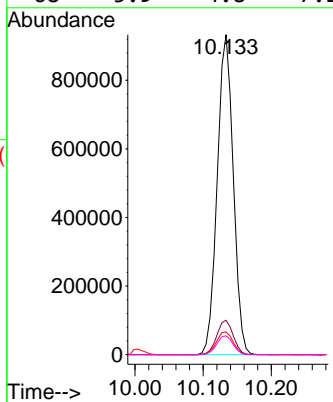
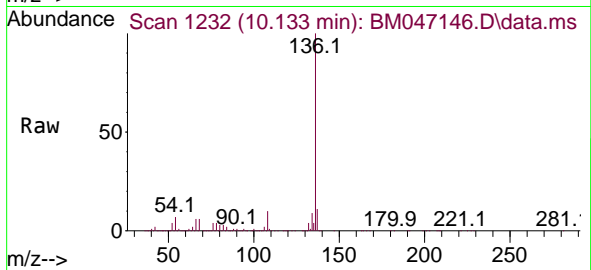
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 1526728

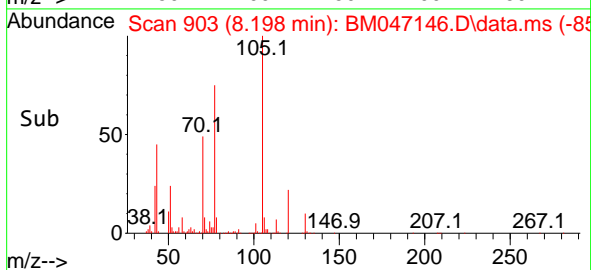
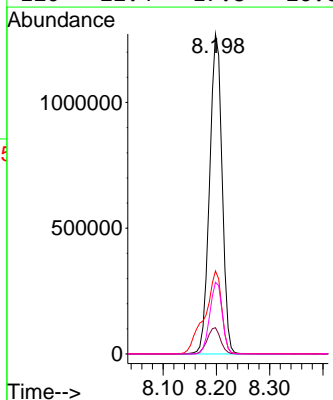
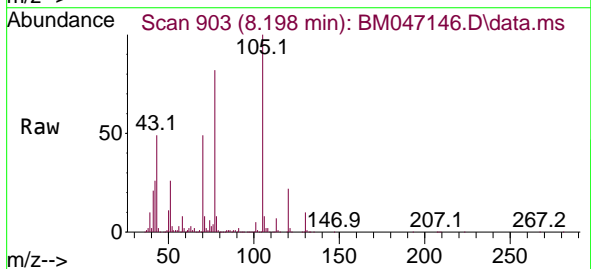
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.1	6.0	9.0
68	5.9	4.8	7.2

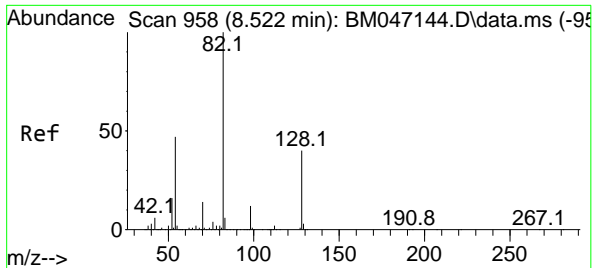


#22
 Acetophenone
 Concen: 56.185 ng
 RT: 8.198 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:105 Resp: 2070558

Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.5	6.7#
51	26.0	20.1	30.1
120	22.4	17.8	26.6



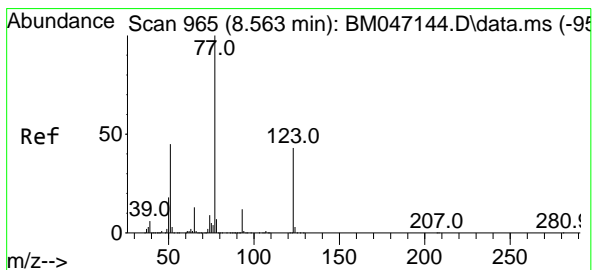
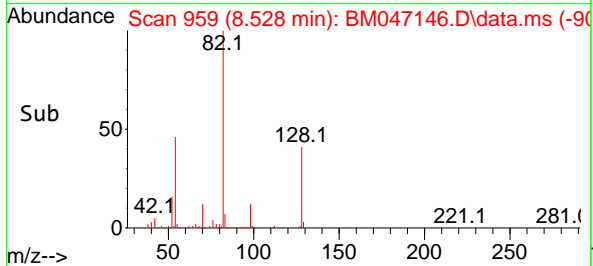
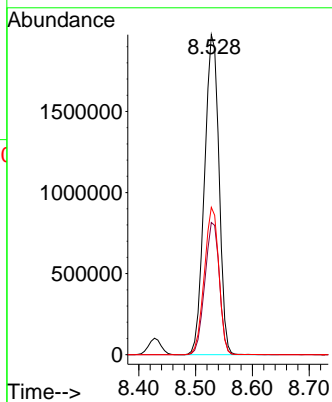
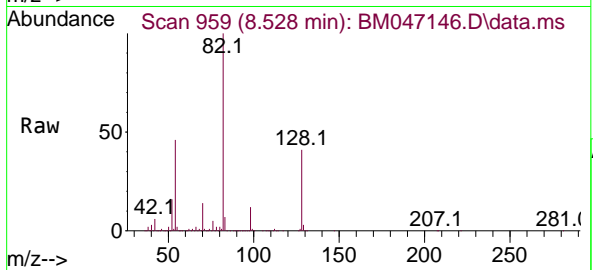


#23
 Nitrobenzene-d5
 Concen: 115.282 ng
 RT: 8.528 min Scan# 959
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument : BNA_M
 ClientSampleId : SSTDICC060

Tgt Ion: 82 Resp: 3495384

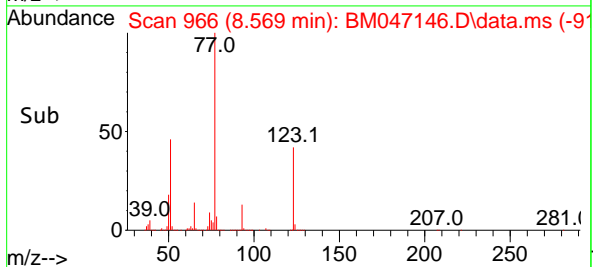
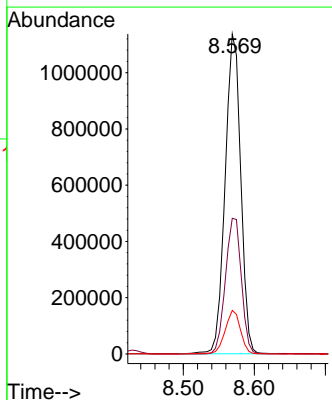
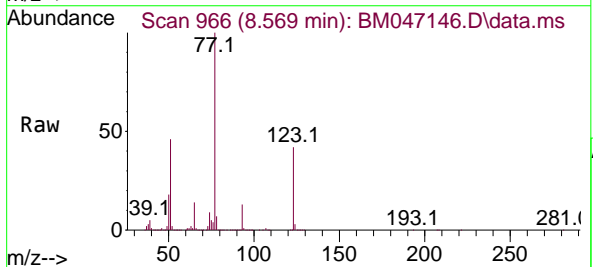
Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.3	48.5
54	46.0	37.4	56.2

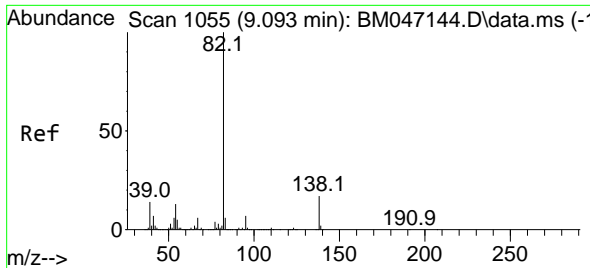


#24
 Nitrobenzene
 Concen: 56.777 ng
 RT: 8.569 min Scan# 966
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion: 77 Resp: 1733451

Ion	Ratio	Lower	Upper
77	100		
123	42.4	34.0	51.0
65	13.6	10.5	15.7



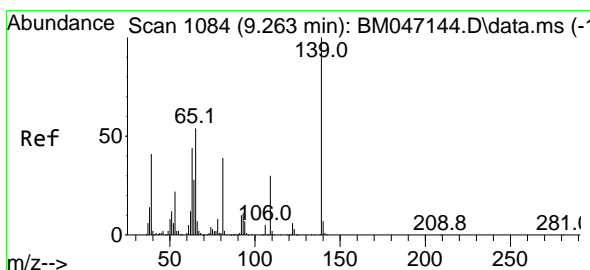
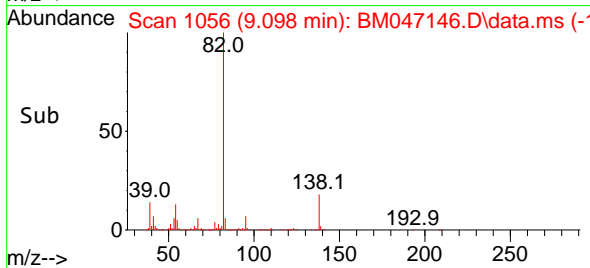
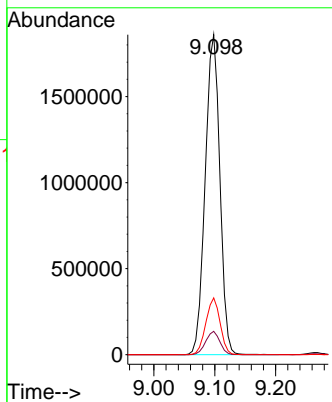
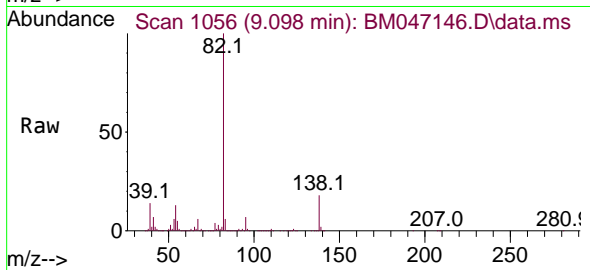


#25
 Isophorone
 Concen: 58.876 ng
 RT: 9.098 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument : BNA_M
 ClientSampleId : SSTDICC060

Tgt Ion: 82 Resp: 3108196

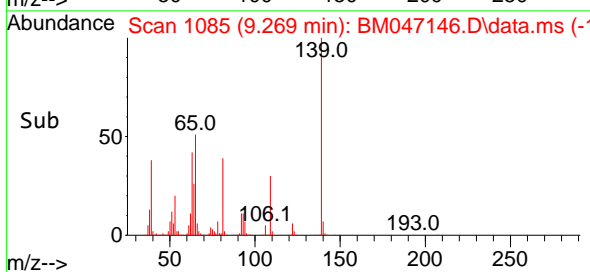
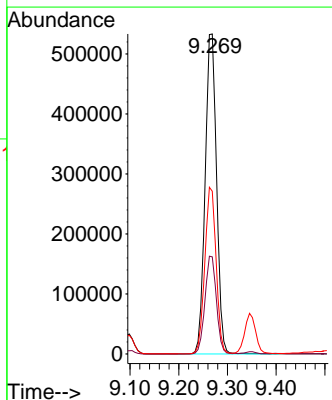
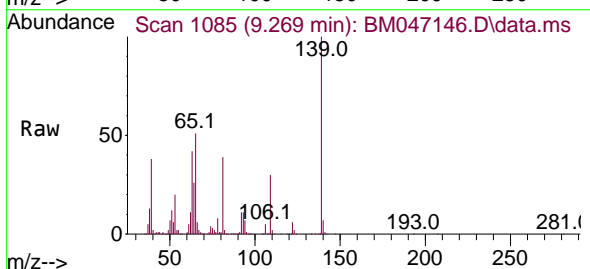
Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.5	8.3
138	17.7	13.5	20.3

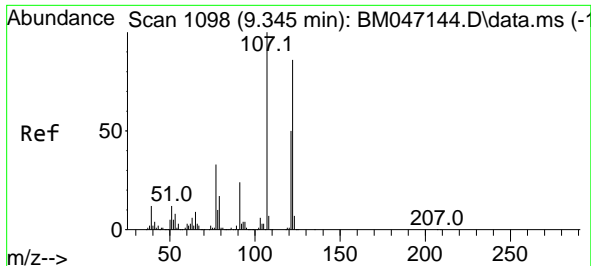


#26
 2-Nitrophenol
 Concen: 63.987 ng
 RT: 9.269 min Scan# 1085
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion: 139 Resp: 865172

Ion	Ratio	Lower	Upper
139	100		
109	30.4	24.4	36.6
65	50.9	43.0	64.6





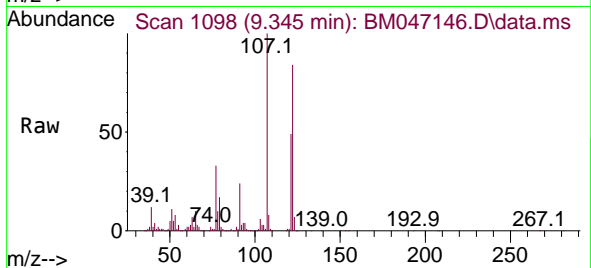
#27
 2,4-Dimethylphenol
 Concen: 60.441 ng
 RT: 9.345 min Scan# 1098
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :

BNA_M

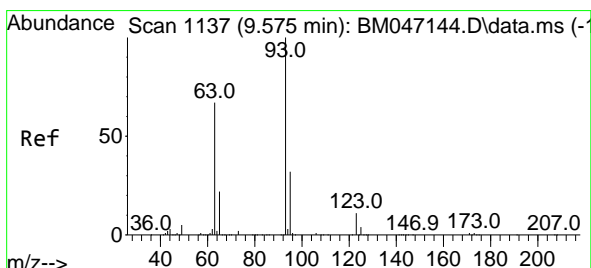
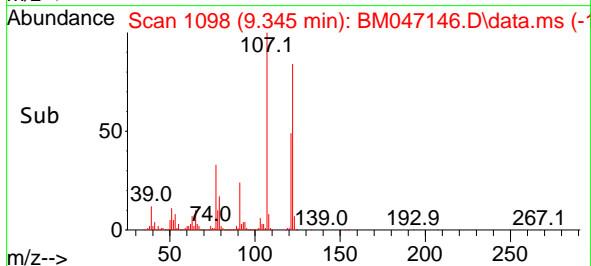
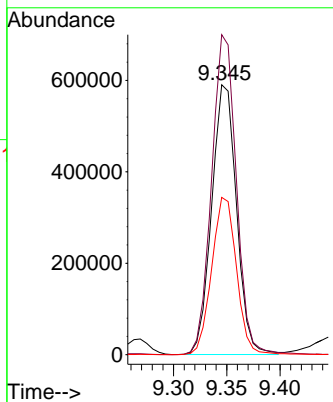
ClientSampleId :

SSTDICC060

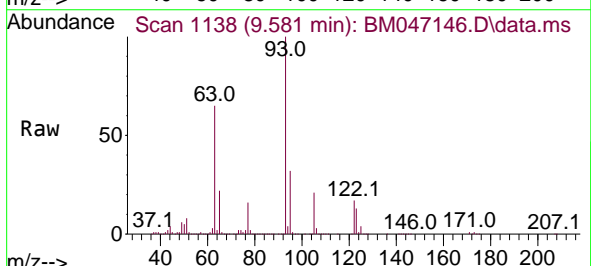


Tgt Ion:122 Resp: 957294

Ion	Ratio	Lower	Upper
122	100		
107	118.6	92.8	139.2
121	58.3	46.1	69.1

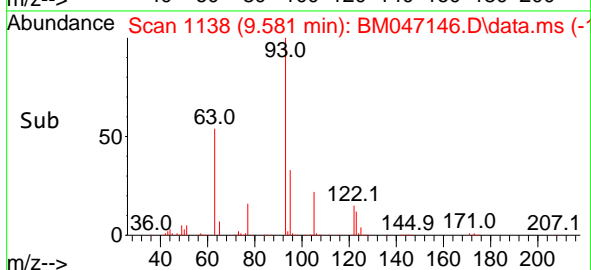
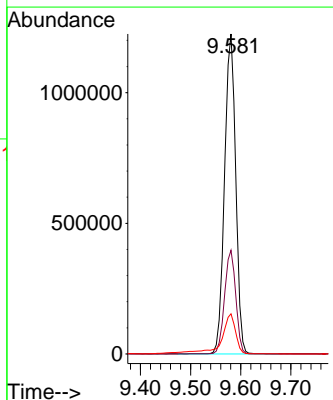


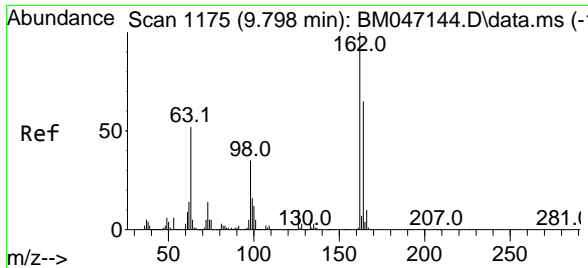
#28
 bis(2-Chloroethoxy)methane
 Concen: 57.068 ng
 RT: 9.581 min Scan# 1138
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11



Tgt Ion: 93 Resp: 1895700

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.8
123	12.6	9.0	13.4





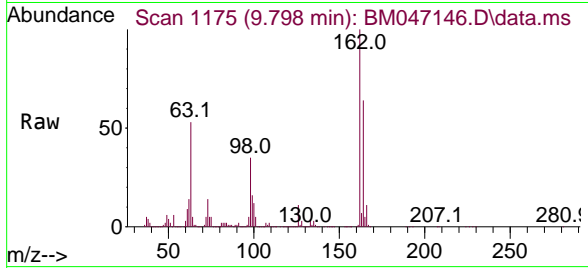
#29
 2,4-Dichlorophenol
 Concen: 61.767 ng
 RT: 9.798 min Scan# 1175
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :

BNA_M

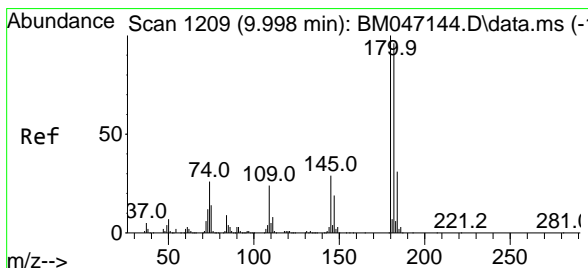
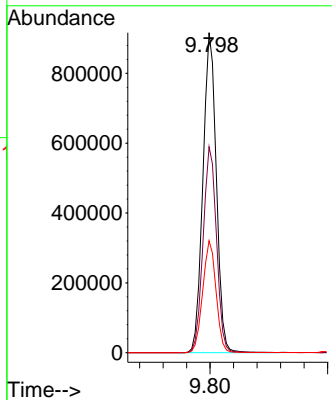
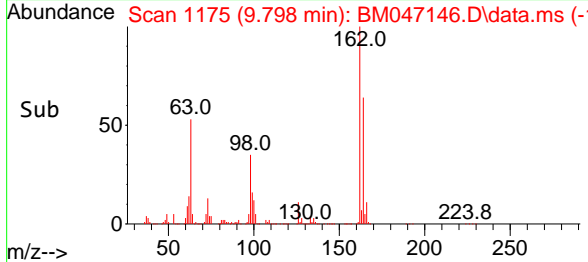
ClientSampleId :

SSTDICC060

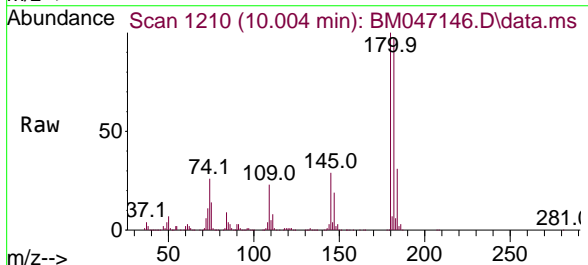


Tgt Ion:162 Resp: 1451562

Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.7	84.7
98	35.0	14.9	54.9

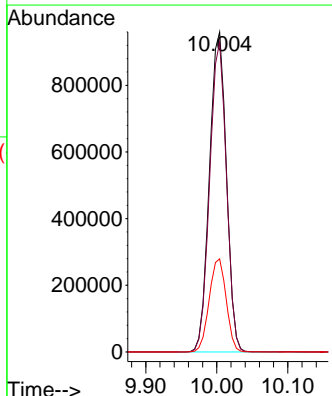
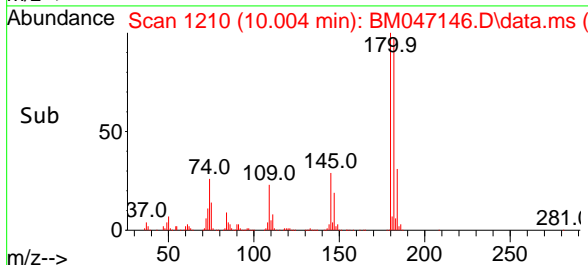


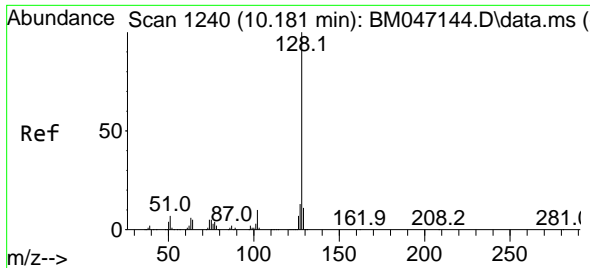
#30
 1,2,4-Trichlorobenzene
 Concen: 59.763 ng
 RT: 10.004 min Scan# 1210
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11



Tgt Ion:180 Resp: 1589392

Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.6	115.0
145	29.1	23.4	35.2

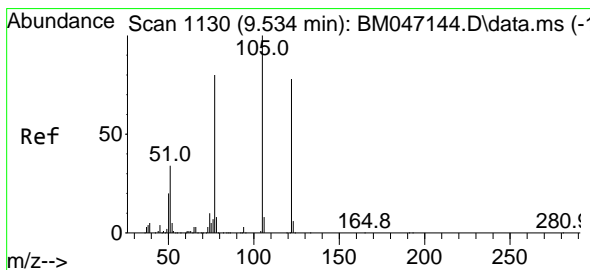
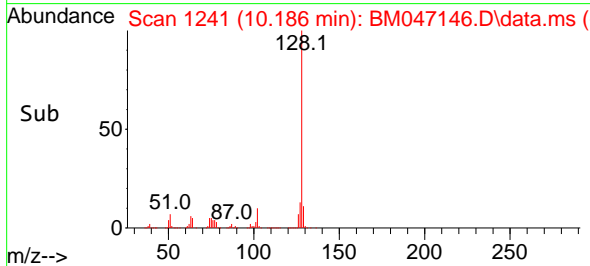
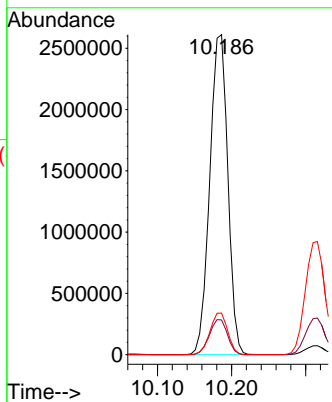
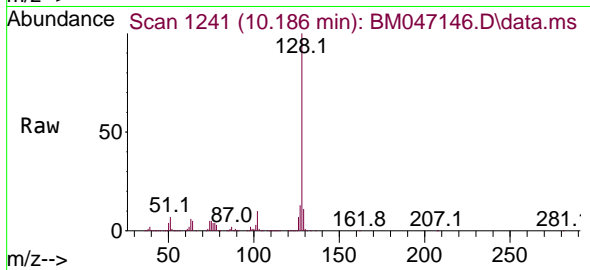




#31
 Naphthalene
 Concen: 58.049 ng
 RT: 10.186 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

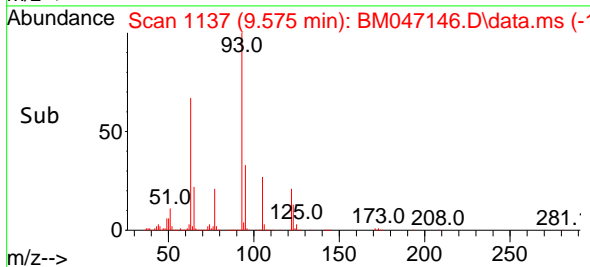
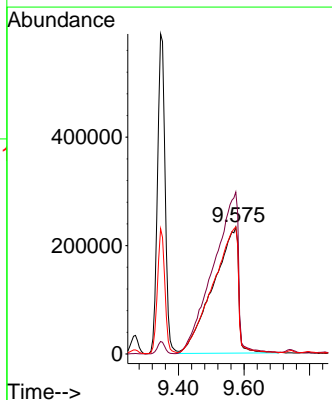
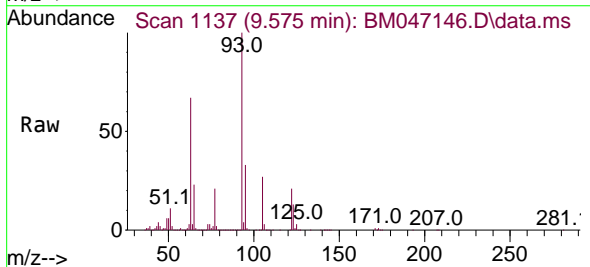
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

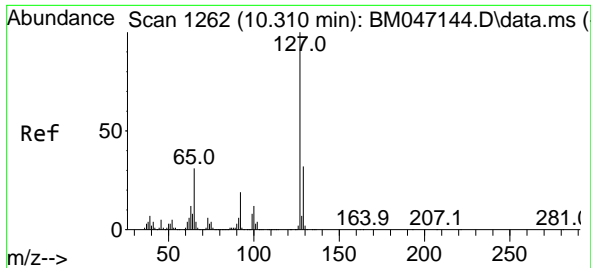
Tgt Ion:128 Resp: 4415000
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.6 13.0
 127 13.0 10.2 15.4



#32
 Benzoic acid
 Concen: 67.498 ng
 RT: 9.575 min Scan# 1137
 Delta R.T. 0.041 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:122 Resp: 1248981
 Ion Ratio Lower Upper
 122 100
 105 127.7 107.1 147.1
 77 100.2 82.1 122.1



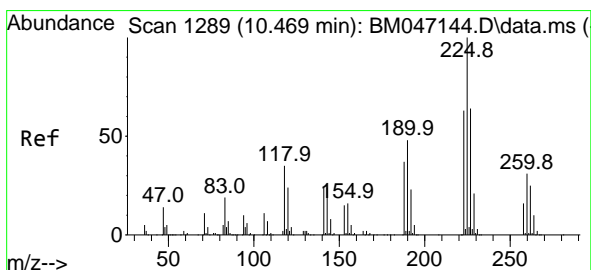
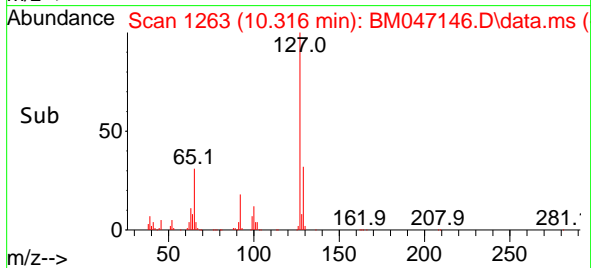
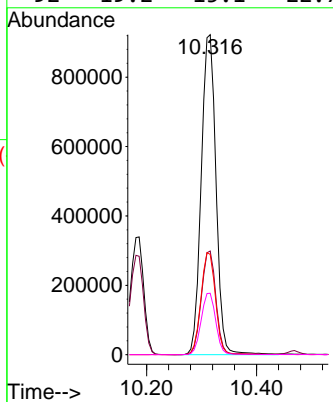
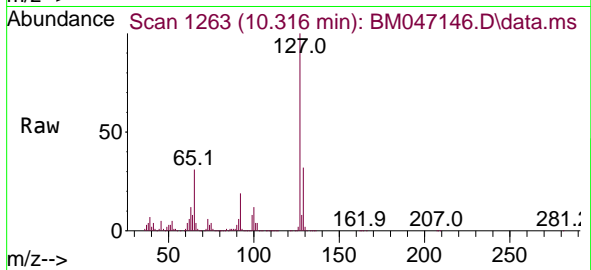


#33
 4-Chloroaniline
 Concen: 58.764 ng
 RT: 10.316 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tgt Ion:127 Resp: 1718710

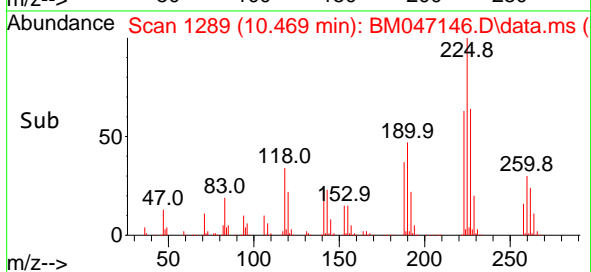
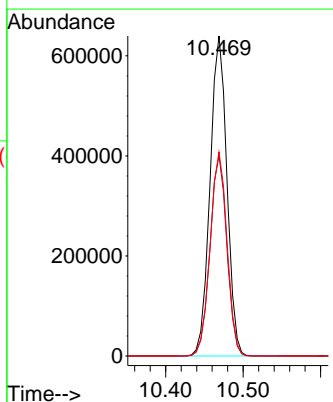
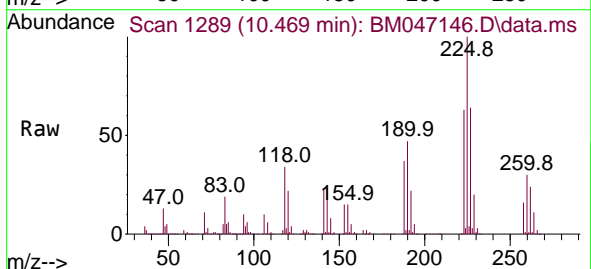
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.8
65	31.3	24.9	37.3
92	19.2	15.1	22.7

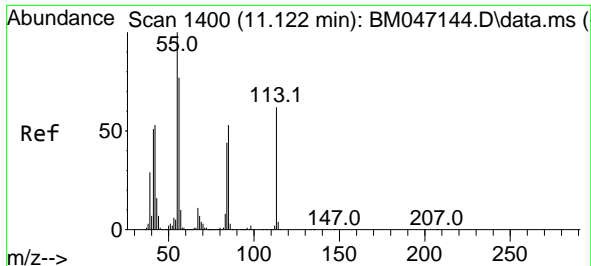


#34
 Hexachlorobutadiene
 Concen: 62.017 ng
 RT: 10.469 min Scan# 1289
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:225 Resp: 965378

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	63.7	51.4	77.0



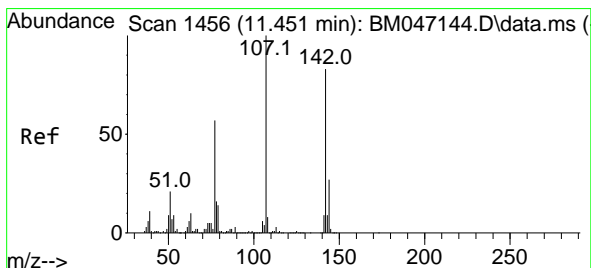
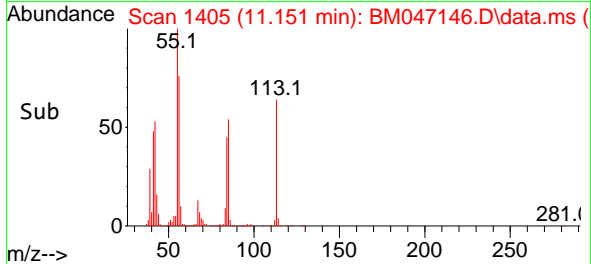
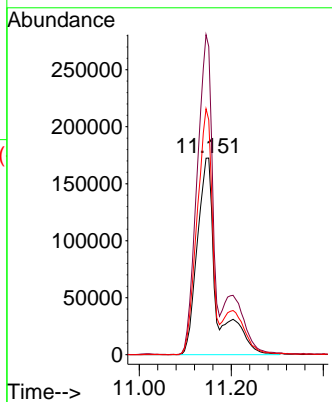
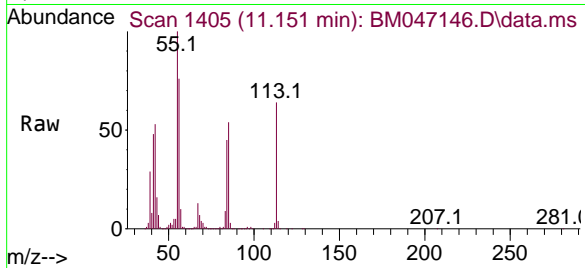


#35
 Caprolactam
 Concen: 61.664 ng m
 RT: 11.151 min Scan# 1405
 Delta R.T. 0.029 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tgt Ion:113 Resp: 503257

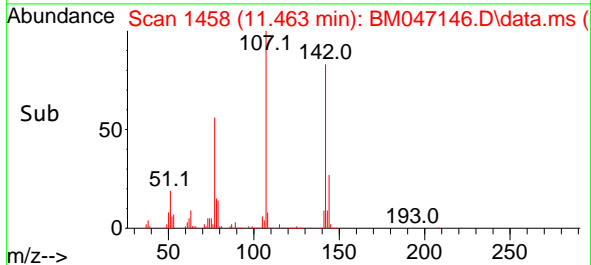
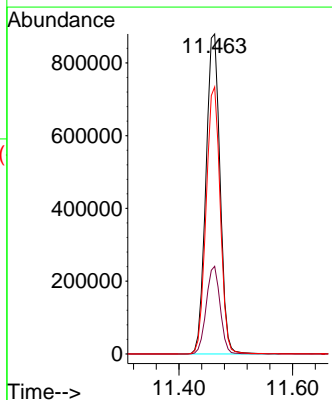
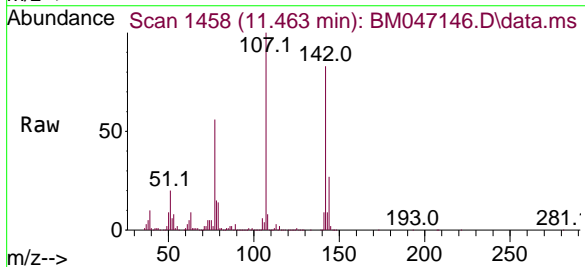
Ion	Ratio	Lower	Upper
113	100		
55	156.7	140.5	180.5
56	119.4	103.6	143.6

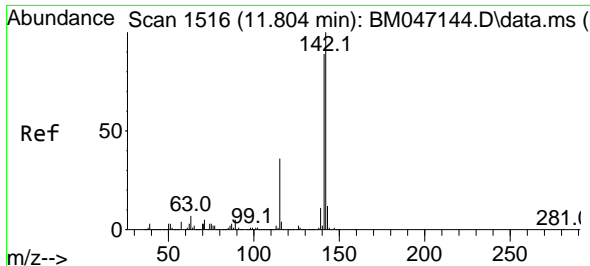


#36
 4-Chloro-3-methylphenol
 Concen: 60.420 ng
 RT: 11.463 min Scan# 1458
 Delta R.T. 0.012 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:107 Resp: 1512201

Ion	Ratio	Lower	Upper
107	100		
144	27.4	21.8	32.6
142	83.4	66.8	100.2



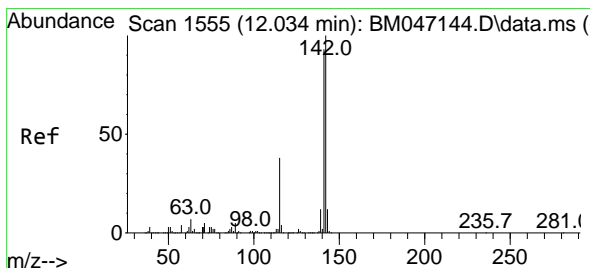
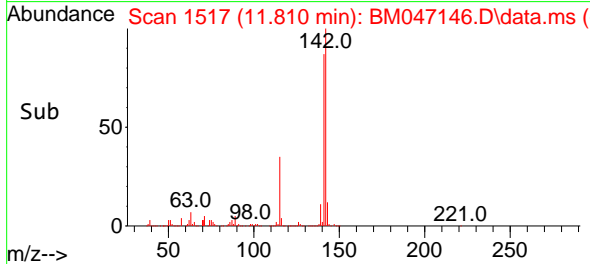
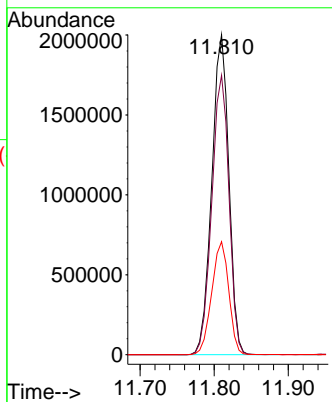
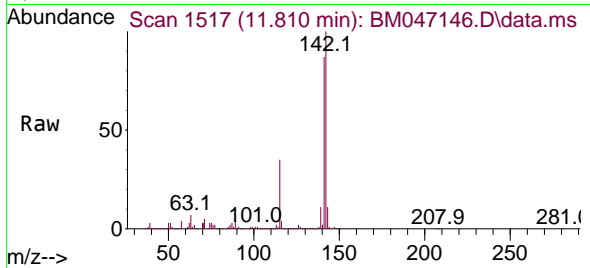


#37
 2-Methylnaphthalene
 Concen: 59.000 ng
 RT: 11.810 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument : BNA_M
 ClientSampleId : SSTDICC060

Tgt Ion:142 Resp: 3194966

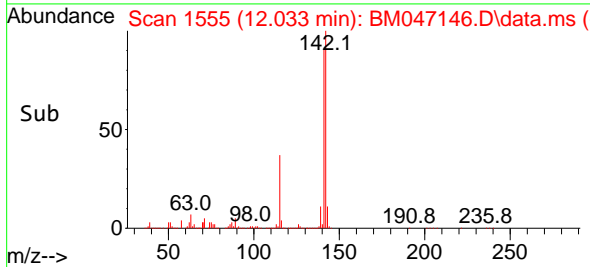
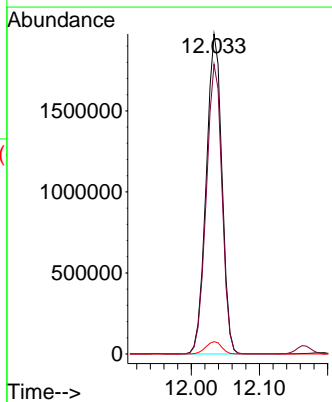
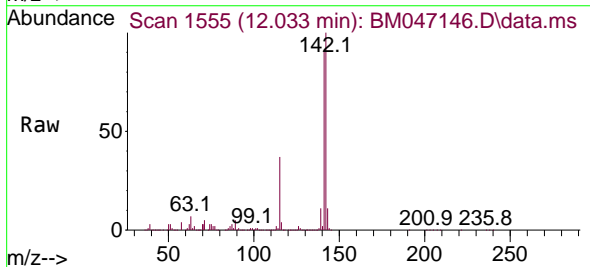
Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.9	106.3
115	35.3	28.7	43.1

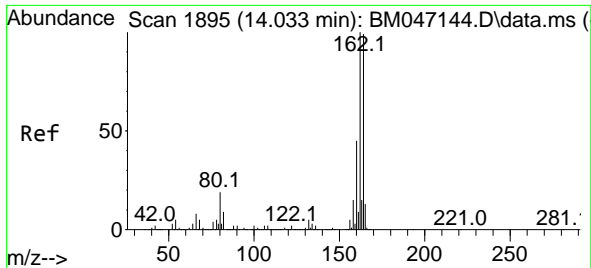


#38
 1-Methylnaphthalene
 Concen: 59.033 ng
 RT: 12.033 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:142 Resp: 3159405

Ion	Ratio	Lower	Upper
142	100		
141	90.5	74.6	111.8
116	3.9	3.1	4.7



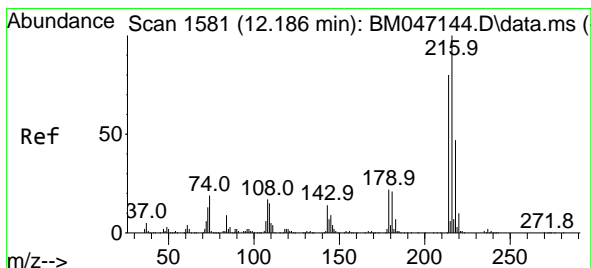
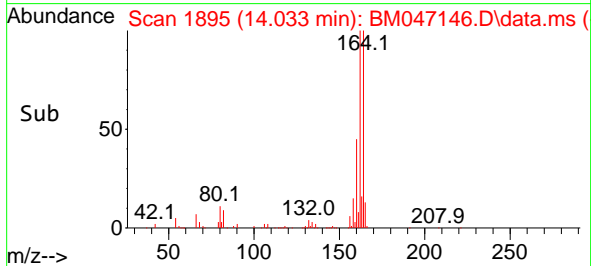
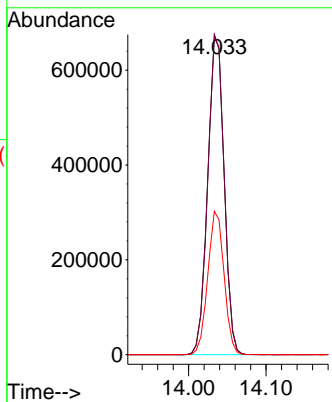
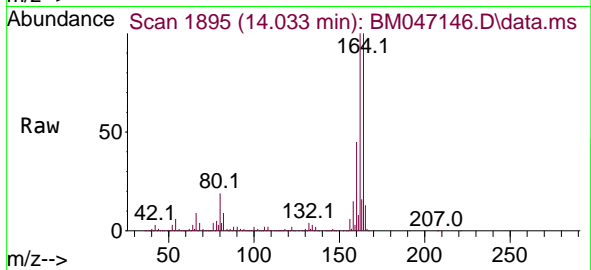


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.033 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tgt Ion:164 Resp: 991306

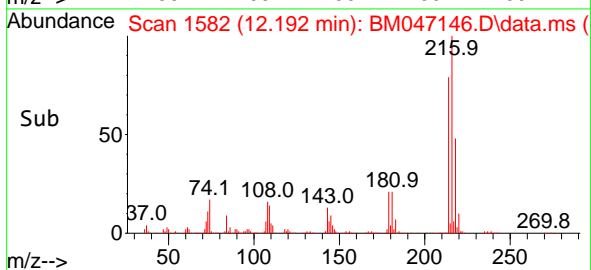
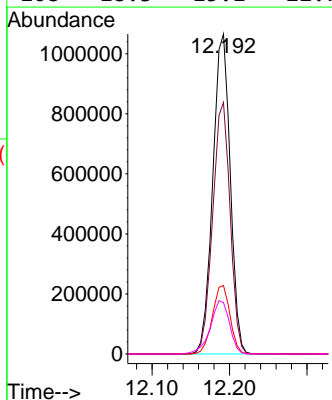
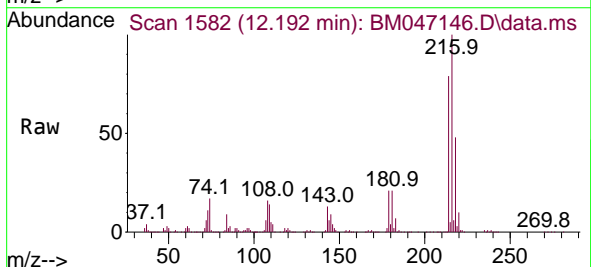
Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.7	121.1
160	44.9	36.0	54.0

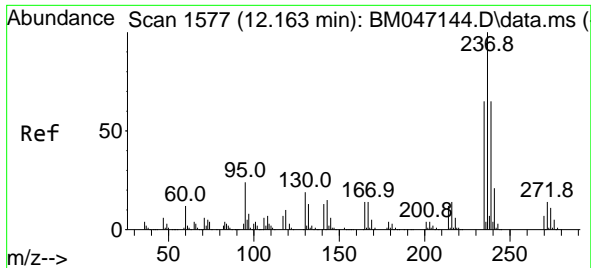


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 61.523 ng
 RT: 12.192 min Scan# 1582
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:216 Resp: 1663474

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.2
179	21.7	17.6	26.4
108	18.3	15.1	22.7



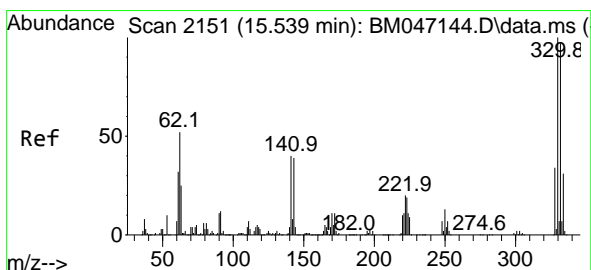
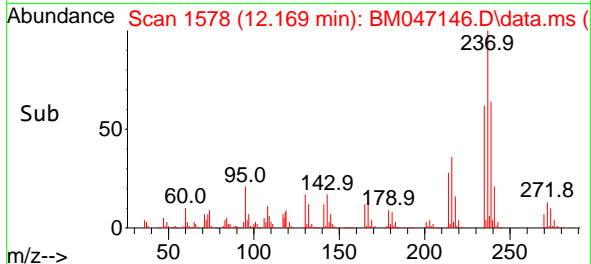
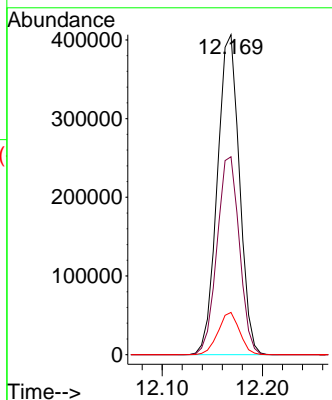
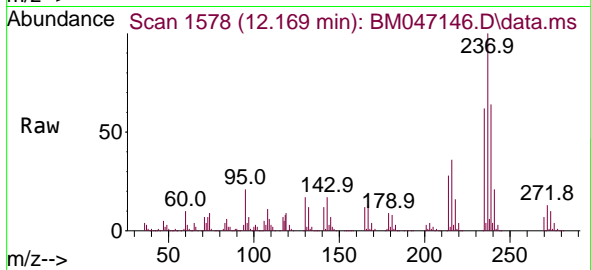


#41
 Hexachlorocyclopentadiene
 Concen: 65.733 ng
 RT: 12.169 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tgt Ion:237 Resp: 620612

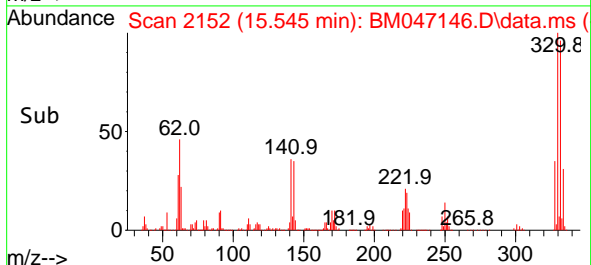
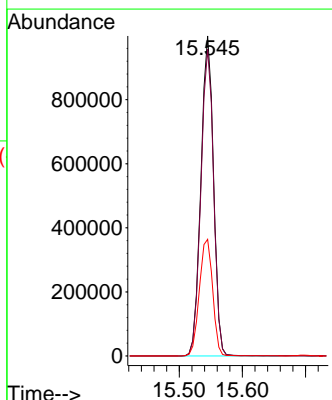
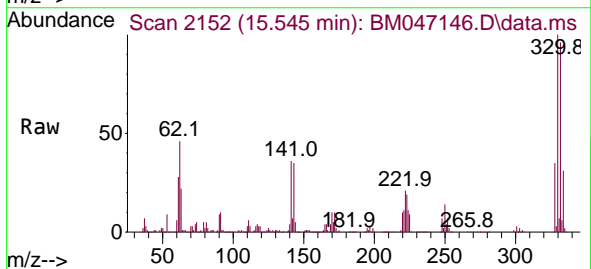
Ion	Ratio	Lower	Upper
237	100		
235	61.8	44.8	84.8
272	13.2	0.0	33.5

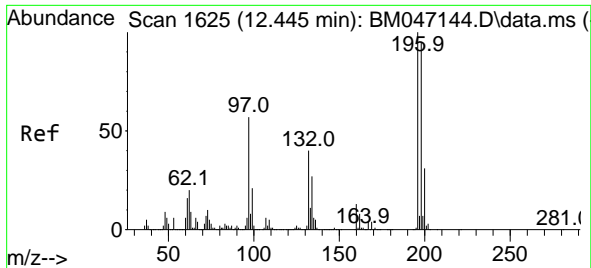


#42
 2,4,6-Tribromophenol
 Concen: 121.088 ng
 RT: 15.545 min Scan# 2152
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:330 Resp: 1391826

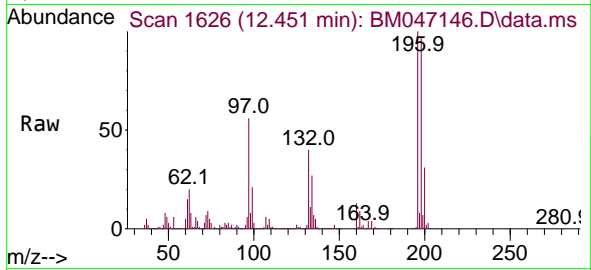
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	38.4	31.6	47.4



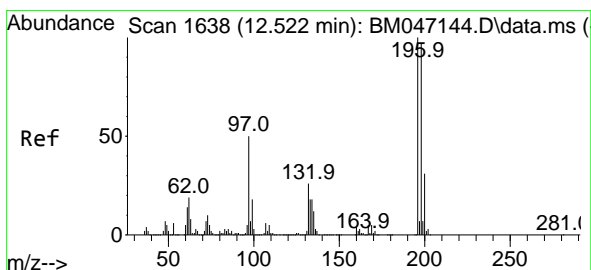
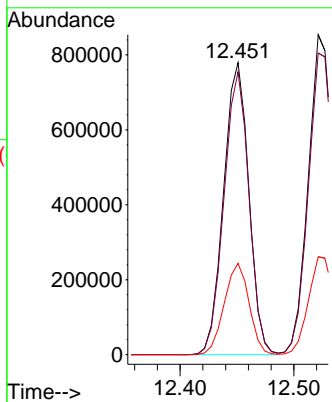
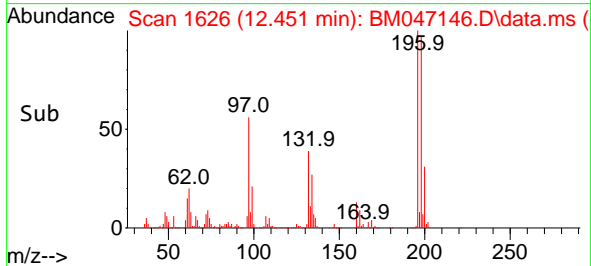


#43
 2,4,6-Trichlorophenol
 Concen: 62.557 ng
 RT: 12.451 min Scan# 1626
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

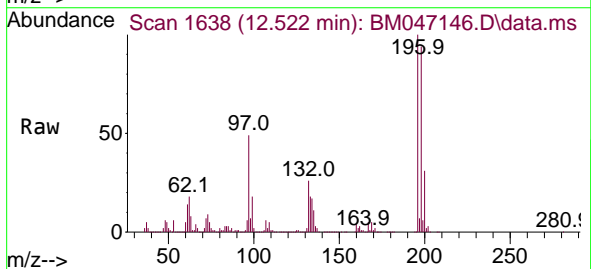
Instrument : BNA_M
 ClientSampleId : SSTDICC060



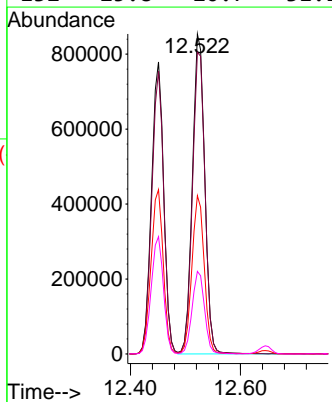
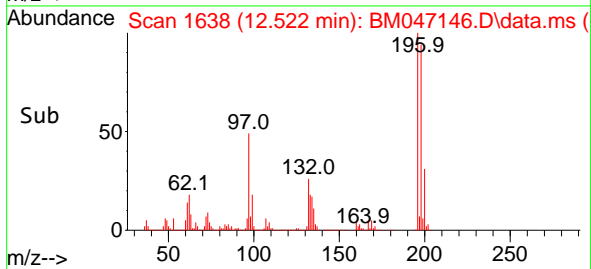
Tgt Ion:196 Resp: 1202229
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.6 113.4
 200 31.3 24.6 37.0

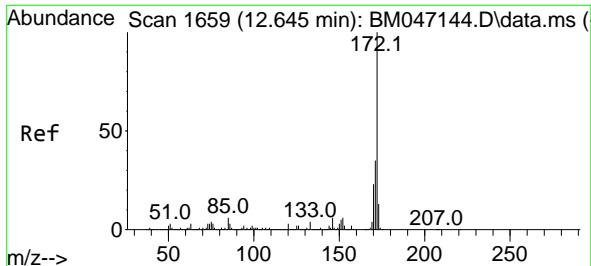


#44
 2,4,5-Trichlorophenol
 Concen: 62.287 ng
 RT: 12.522 min Scan# 1638
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11



Tgt Ion:196 Resp: 1329069
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.7 116.5
 97 49.4 39.8 59.8
 132 25.8 20.7 31.1



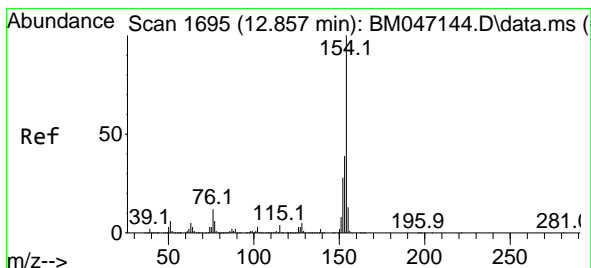
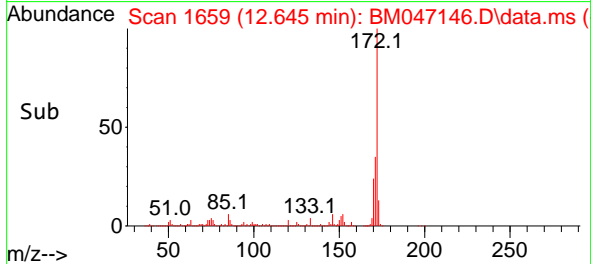
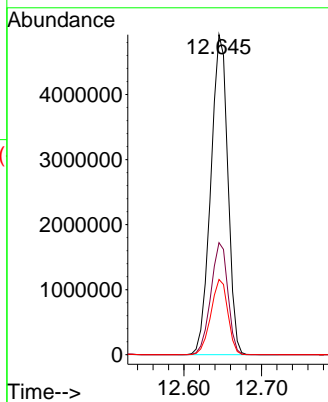
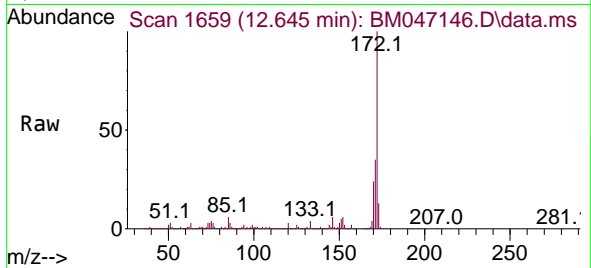


#45
 2-Fluorobiphenyl
 Concen: 116.705 ng
 RT: 12.645 min Scan# 1659
 Delta R.T. 0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument : BNA_M
 ClientSampleId : BM047146.D
 SSTDICC060

Tgt Ion:172 Resp: 7500034

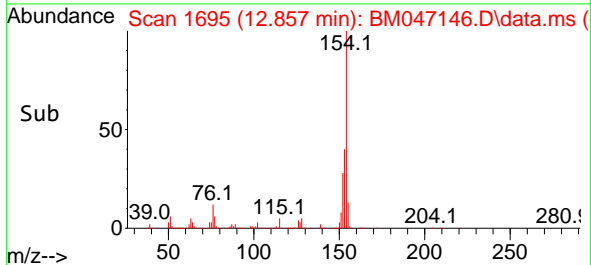
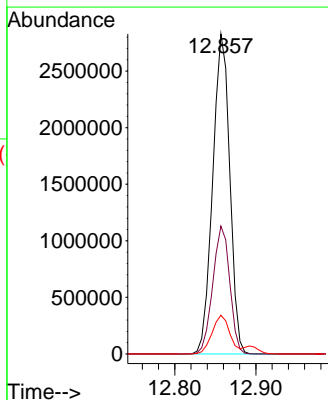
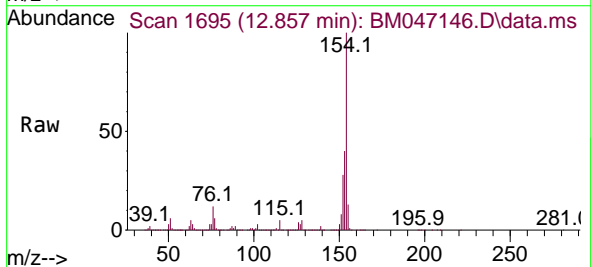
Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.5	18.7	28.1

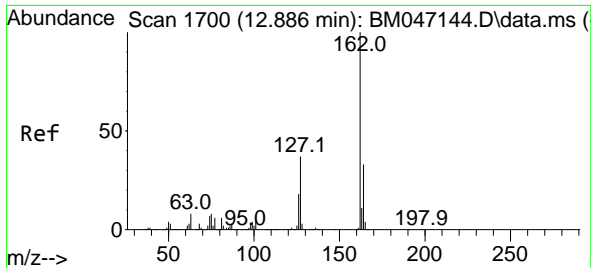


#46
 1,1'-Biphenyl
 Concen: 58.466 ng
 RT: 12.857 min Scan# 1695
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:154 Resp: 4126067

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.0	59.0
76	12.1	0.0	31.9





#47
 2-Chloronaphthalene
 Concen: 57.882 ng
 RT: 12.892 min Scan# 1701
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :

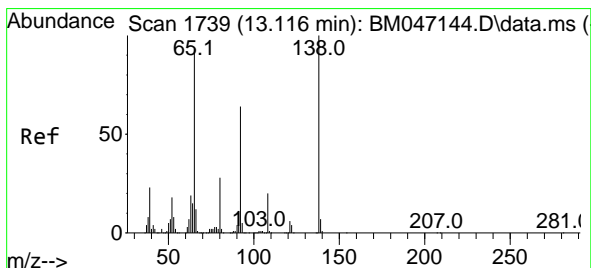
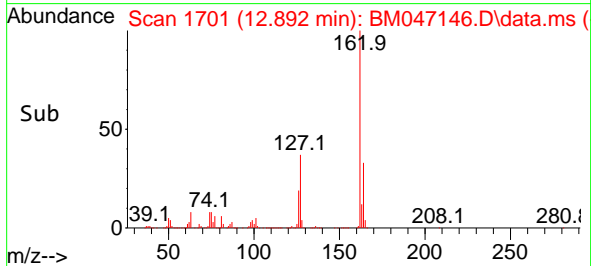
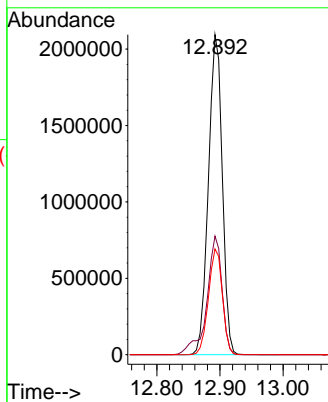
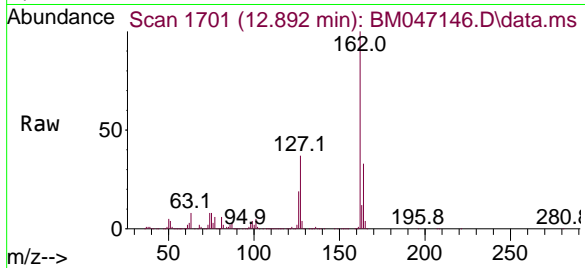
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 3192787

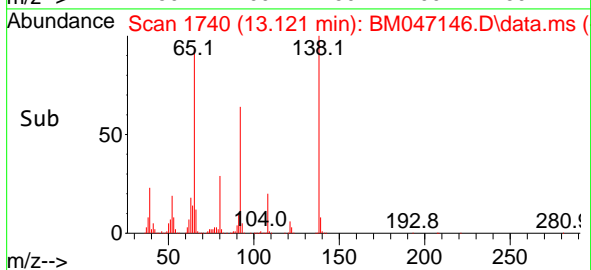
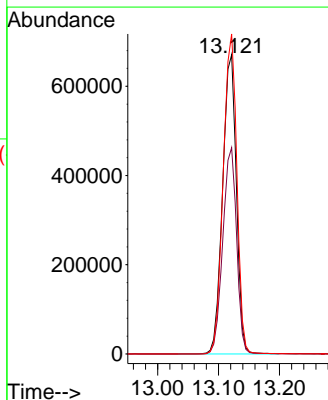
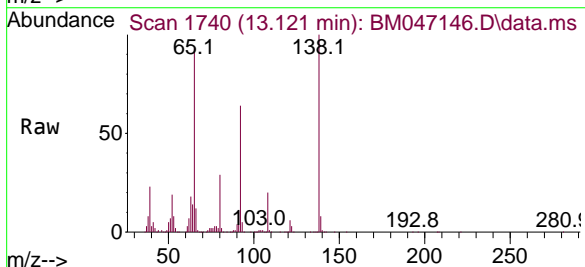
Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.0	45.0
164	33.1	26.3	39.5

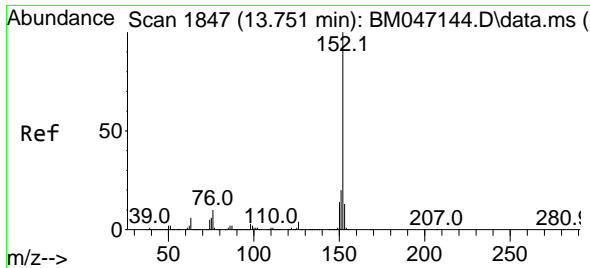


#48
 2-Nitroaniline
 Concen: 60.847 ng
 RT: 13.121 min Scan# 1740
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion: 65 Resp: 1051464

Ion	Ratio	Lower	Upper
65	100		
92	68.9	55.1	82.7
138	107.0	85.9	128.9





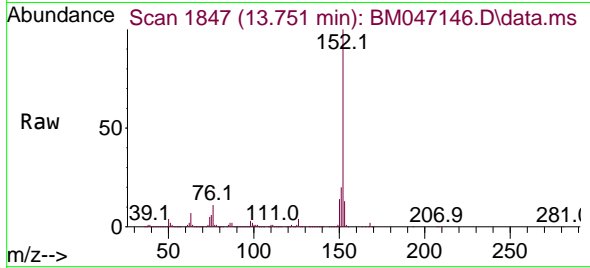
#49
 Acenaphthylene
 Concen: 58.613 ng
 RT: 13.751 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :

BNA_M

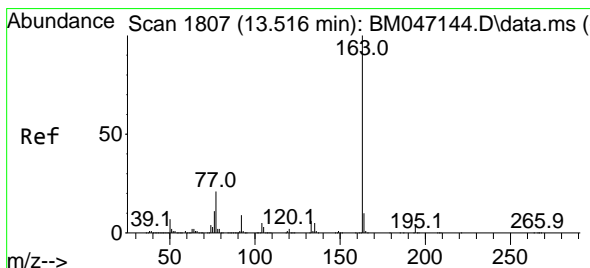
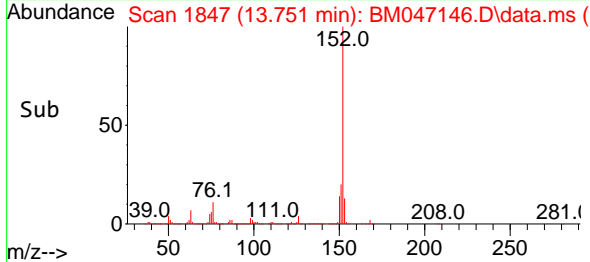
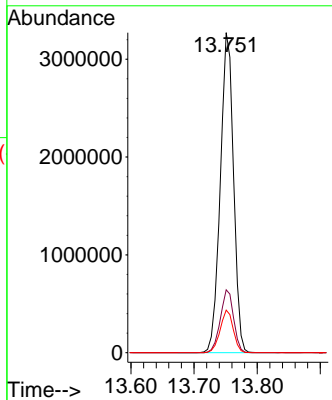
ClientSampleId :

SSTDICC060



Tgt Ion:152 Resp: 4765674

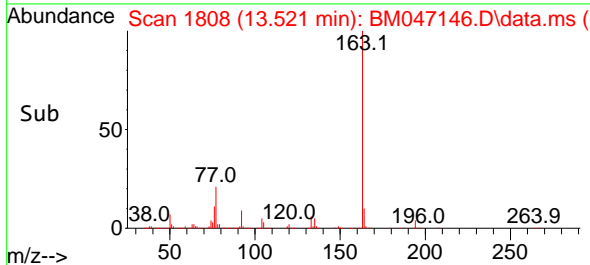
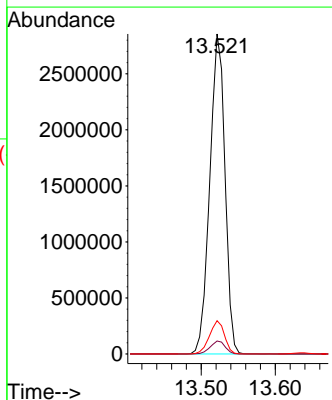
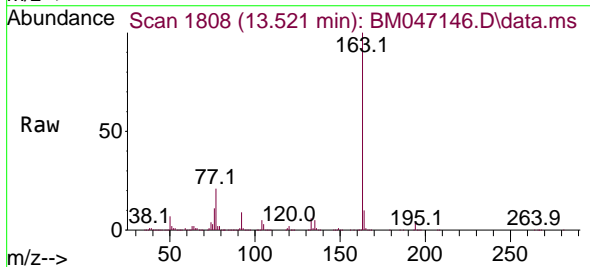
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.3	10.4	15.6

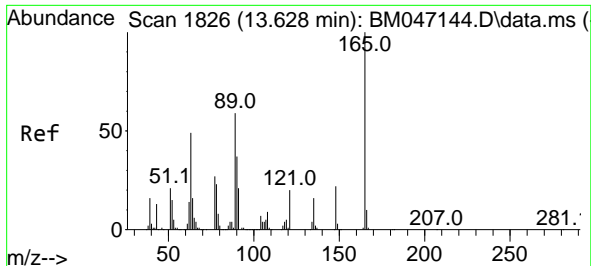


#50
 Dimethylphthalate
 Concen: 58.629 ng
 RT: 13.521 min Scan# 1808
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:163 Resp: 4059126

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.4	8.0	12.0



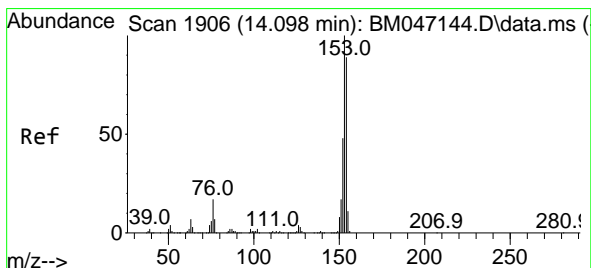
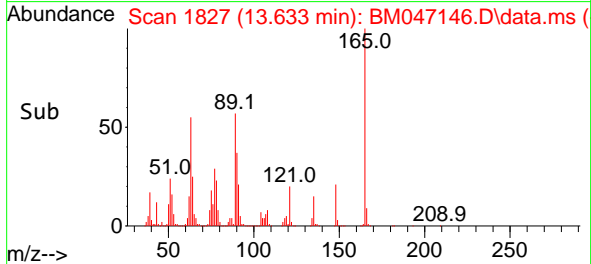
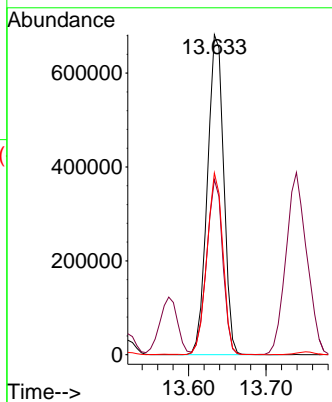
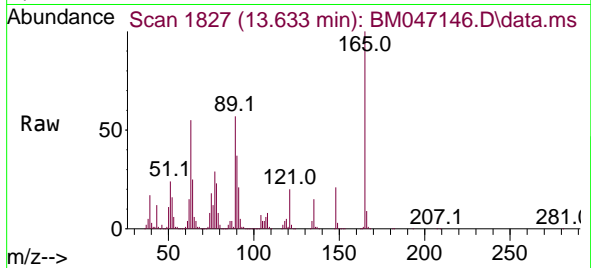


#51
 2,6-Dinitrotoluene
 Concen: 61.508 ng
 RT: 13.633 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument : BNA_M
 ClientSampleId : SSTDICC060

Tgt Ion:165 Resp: 995456

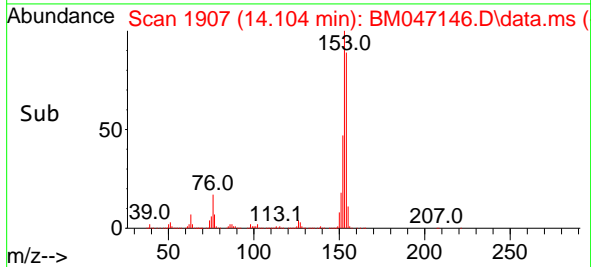
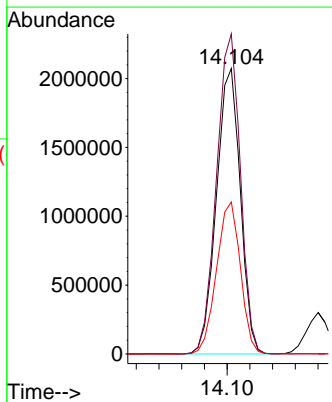
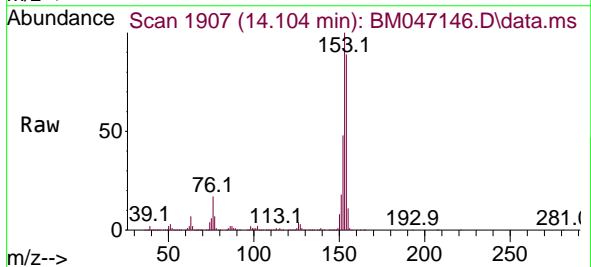
Ion	Ratio	Lower	Upper
165	100		
63	54.7	46.5	69.7
89	56.8	47.3	70.9

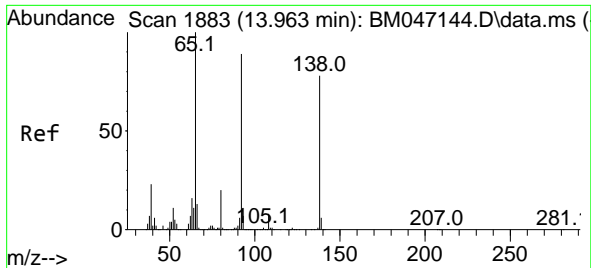


#52
 Acenaphthene
 Concen: 58.668 ng
 RT: 14.104 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:154 Resp: 3025820

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.3	135.5
152	53.3	42.9	64.3



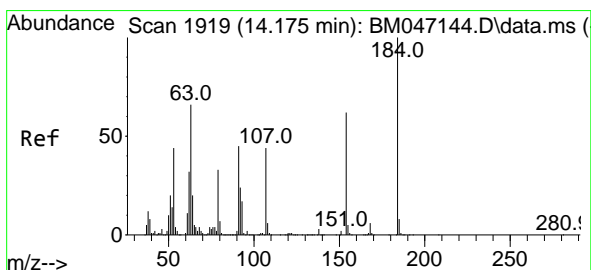
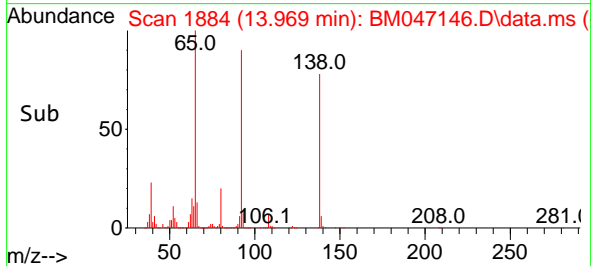
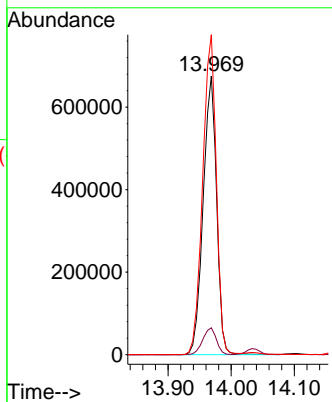
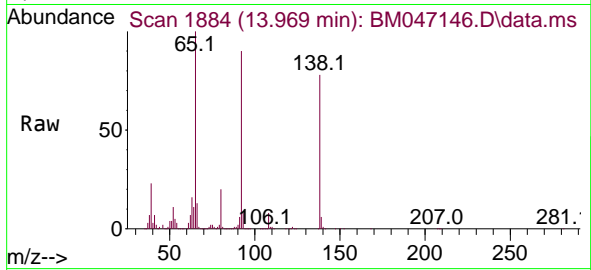


#53
 3-Nitroaniline
 Concen: 61.708 ng
 RT: 13.969 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tgt Ion:138 Resp: 1000744

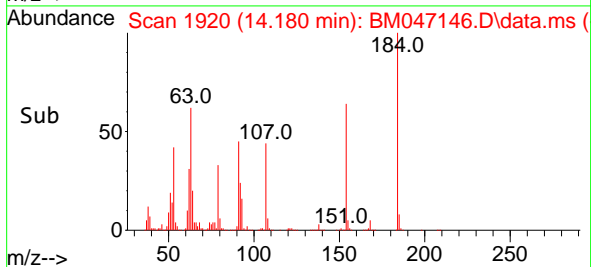
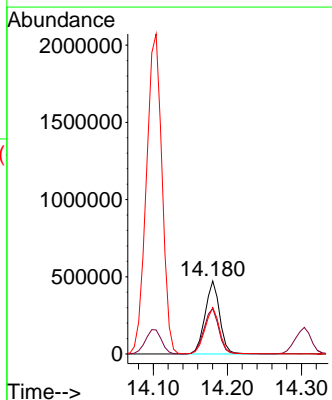
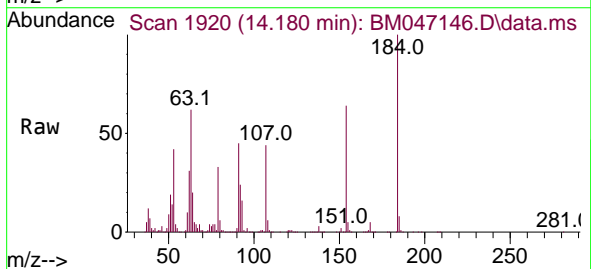
Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.9	11.9
92	114.9	92.0	138.0

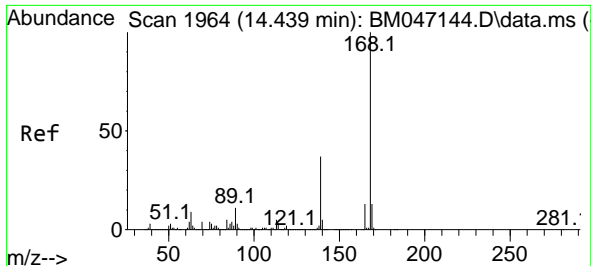


#54
 2,4-Dinitrophenol
 Concen: 66.750 ng
 RT: 14.180 min Scan# 1920
 Delta R.T. 0.005 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:184 Resp: 647477

Ion	Ratio	Lower	Upper
184	100		
63	62.4	52.7	79.1
154	63.7	50.4	75.6



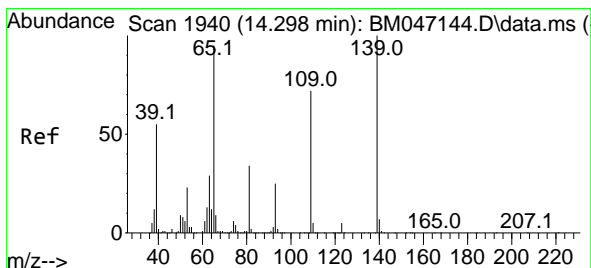
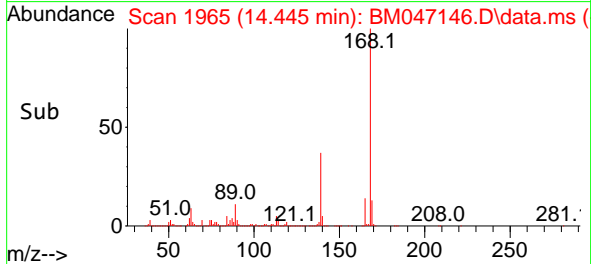
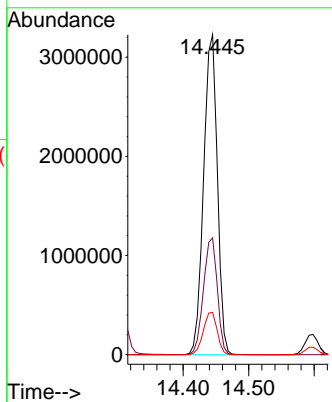
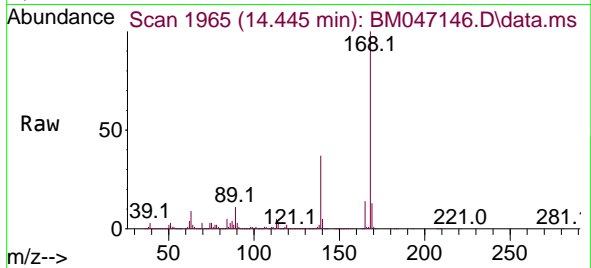


#55
 Dibenzofuran
 Concen: 57.809 ng
 RT: 14.445 min Scan# 1965
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tgt Ion:168 Resp: 4709496

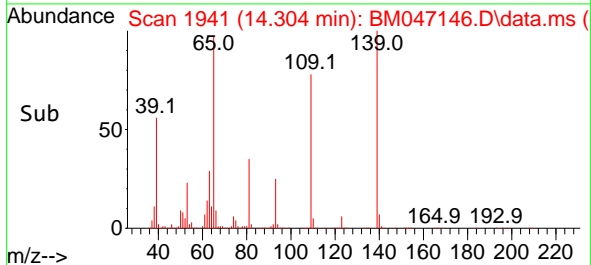
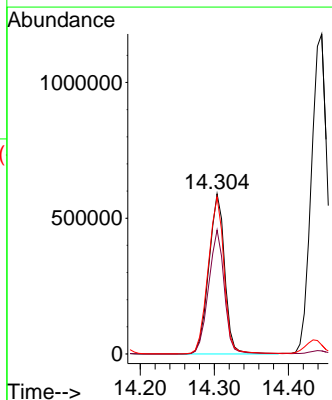
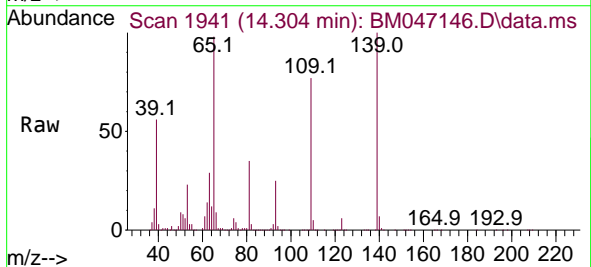
Ion	Ratio	Lower	Upper
168	100		
139	36.5	29.6	44.4
169	13.2	10.7	16.1

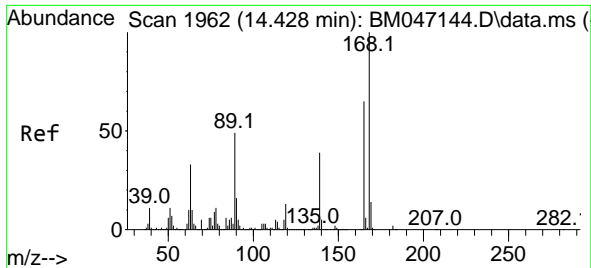


#56
 4-Nitrophenol
 Concen: 62.927 ng
 RT: 14.304 min Scan# 1941
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:139 Resp: 879989

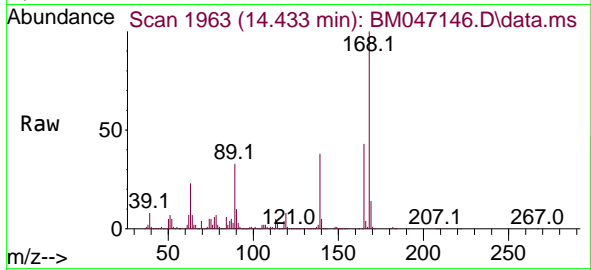
Ion	Ratio	Lower	Upper
139	100		
109	77.5	52.5	92.5
65	98.0	75.4	115.4





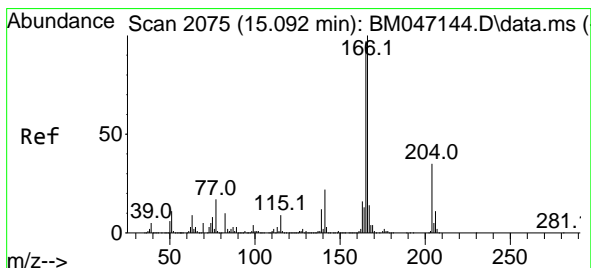
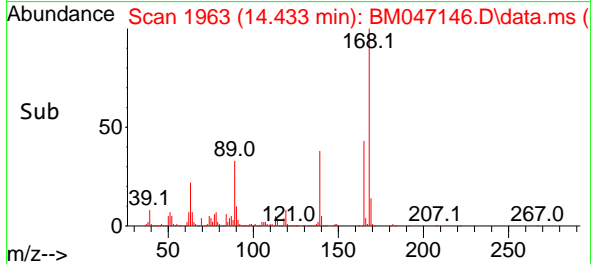
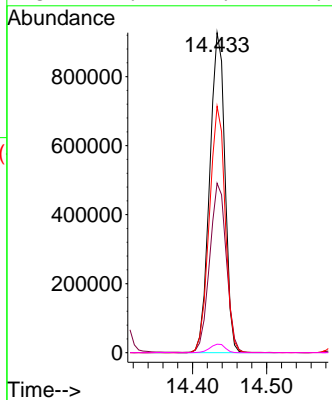
#57
 2,4-Dinitrotoluene
 Concen: 61.255 ng
 RT: 14.433 min Scan# 1963
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument : BNA_M
 ClientSampleId : SSTDICC060



Tgt Ion:165 Resp: 1323234

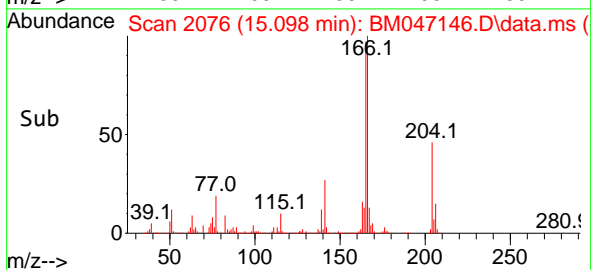
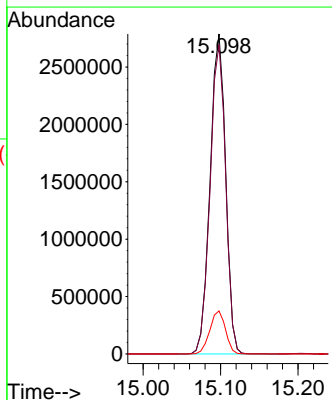
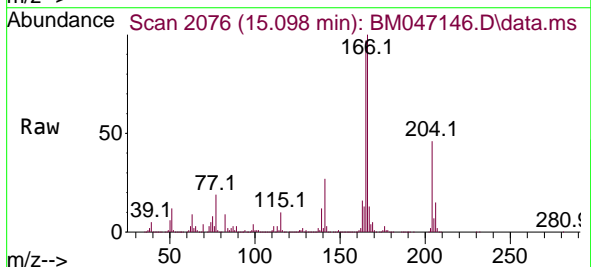
Ion	Ratio	Lower	Upper
165	100		
63	53.0	40.3	60.5
89	77.0	61.0	91.6
182	2.7	1.9	2.9

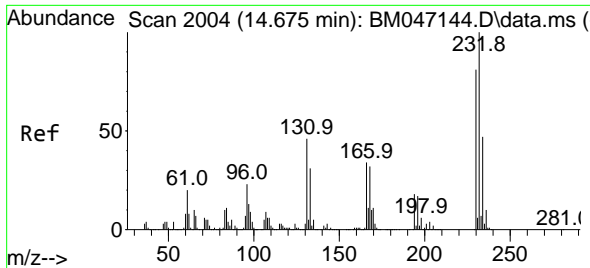


#58
 Fluorene
 Concen: 57.801 ng
 RT: 15.098 min Scan# 2076
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:166 Resp: 3885304

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.4	116.0
167	13.5	11.0	16.6



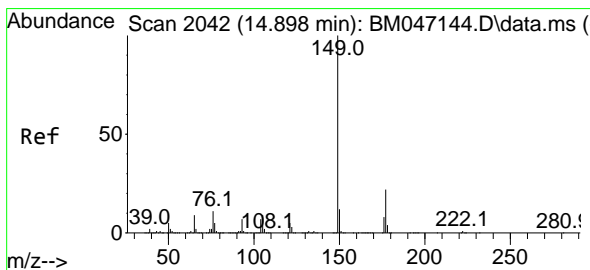
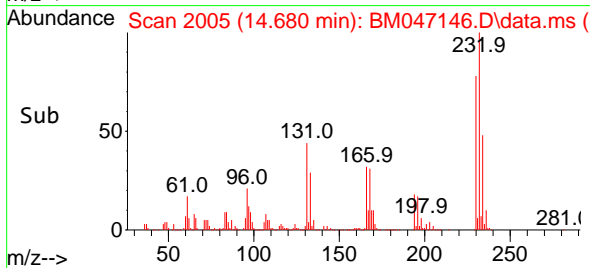
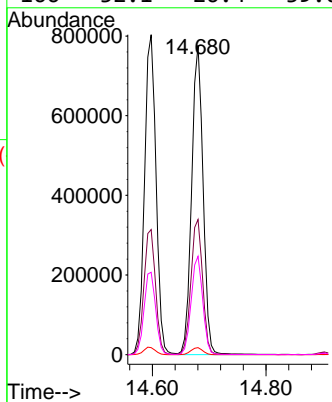
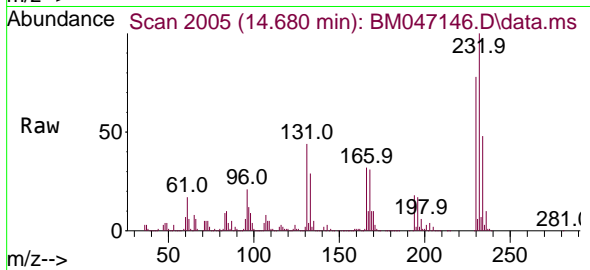


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 62.097 ng
 RT: 14.680 min Scan# 2005
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument : BNA_M
 ClientSampleId : SSTDICC060

Tgt Ion:232 Resp: 1088974

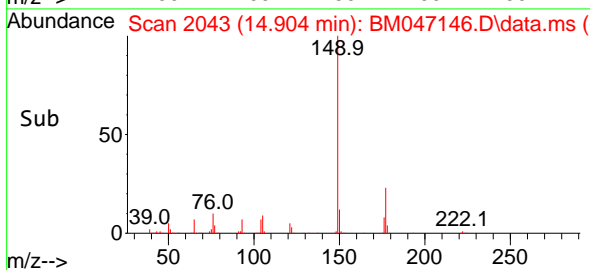
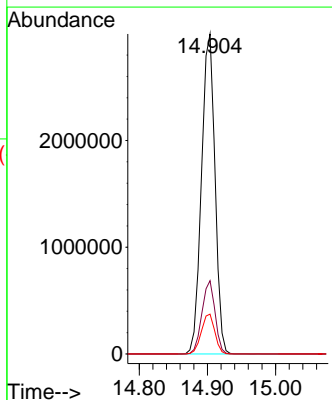
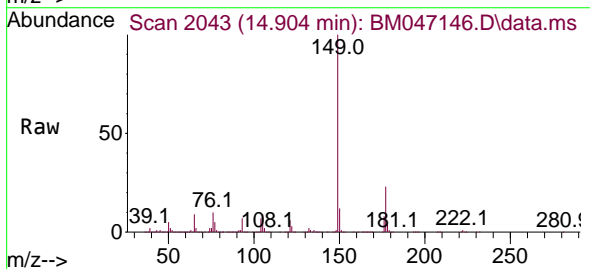
Ion	Ratio	Lower	Upper
232	100		
131	44.4	36.9	55.3
130	2.4	2.0	3.0
166	32.1	26.4	39.6

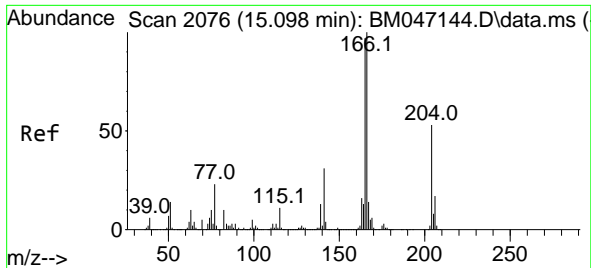


#60
 Diethylphthalate
 Concen: 58.389 ng
 RT: 14.904 min Scan# 2043
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:149 Resp: 4128072

Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.6	26.4
150	12.4	9.8	14.6



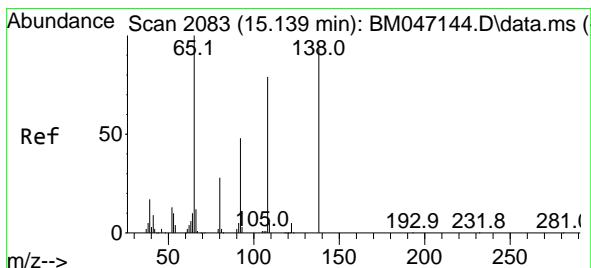
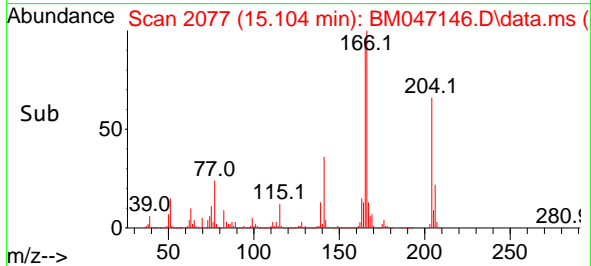
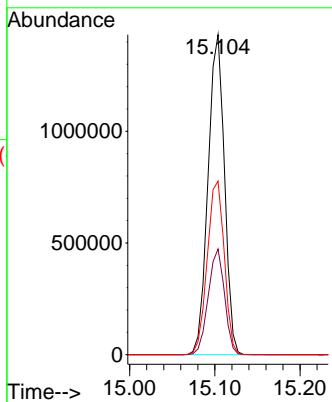
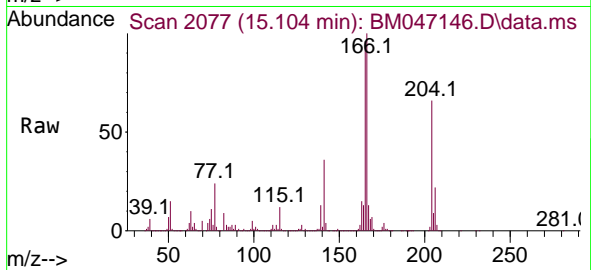


#61
 4-Chlorophenyl-phenylether
 Concen: 59.903 ng
 RT: 15.104 min Scan# 2077
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tgt Ion:204 Resp: 1916971

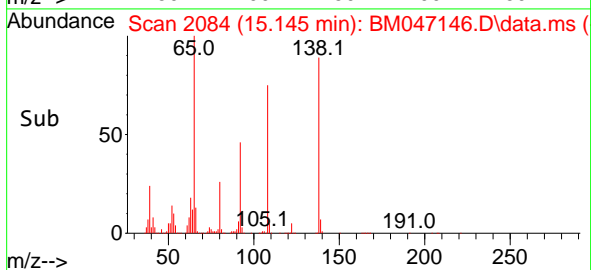
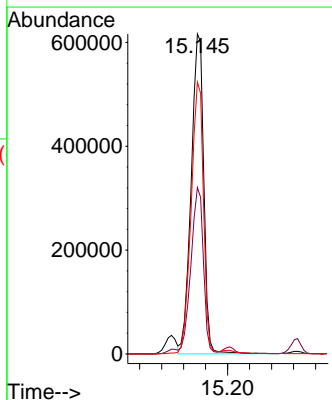
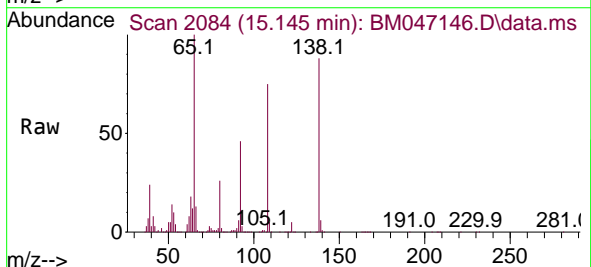
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.4
141	54.2	47.2	70.8

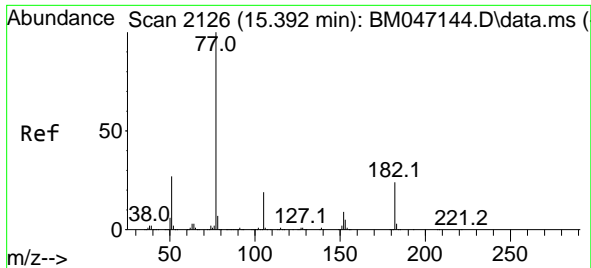


#62
 4-Nitroaniline
 Concen: 61.238 ng
 RT: 15.145 min Scan# 2084
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:138 Resp: 978393

Ion	Ratio	Lower	Upper
138	100		
92	52.0	31.9	71.9
108	85.0	63.8	103.8



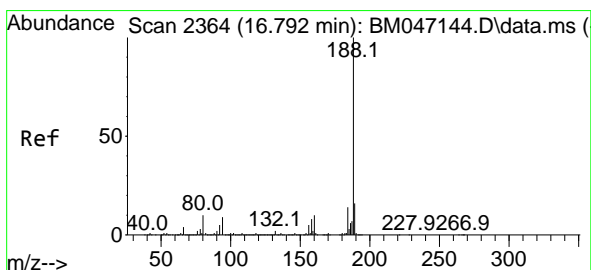
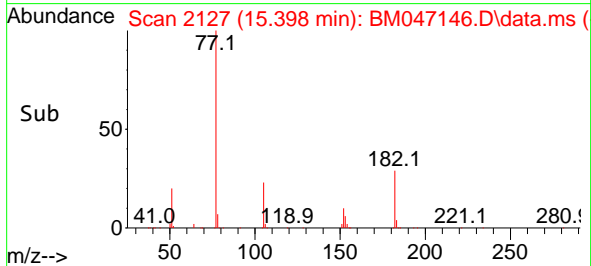
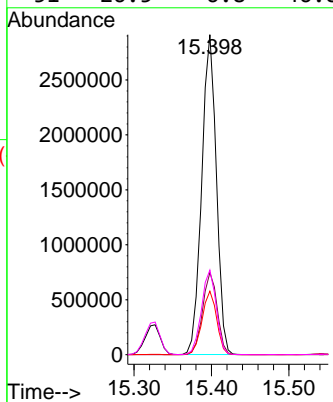
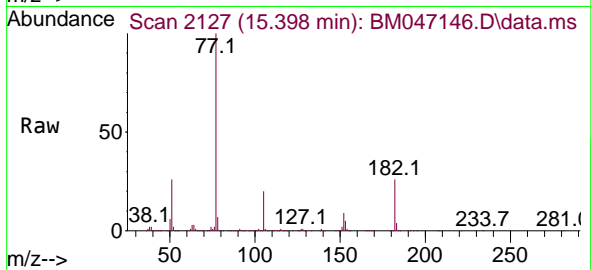


#63
 Azobenzene
 Concen: 56.986 ng
 RT: 15.398 min Scan# 2126
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument : BNA_M
 ClientSampleId : SSTDICC060

Tgt Ion: 77 Resp: 3820106

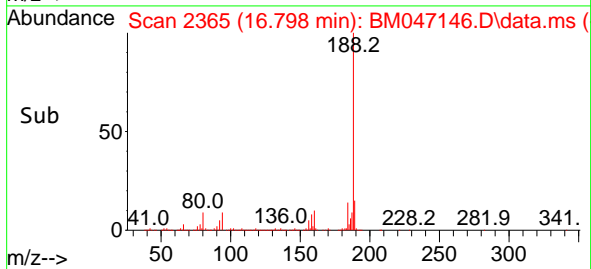
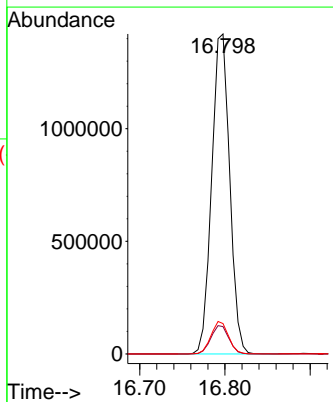
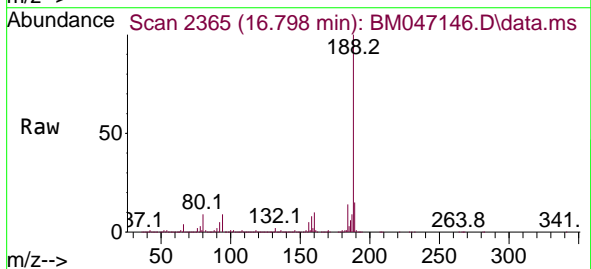
Ion	Ratio	Lower	Upper
77	100		
182	25.7	3.8	43.8
105	19.8	0.0	39.5
51	26.5	6.8	46.8

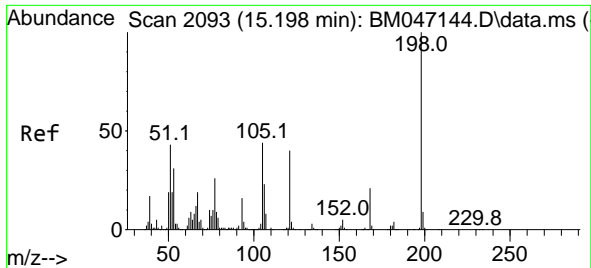


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.798 min Scan# 2365
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion: 188 Resp: 2082135

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	9.5	8.0	12.0



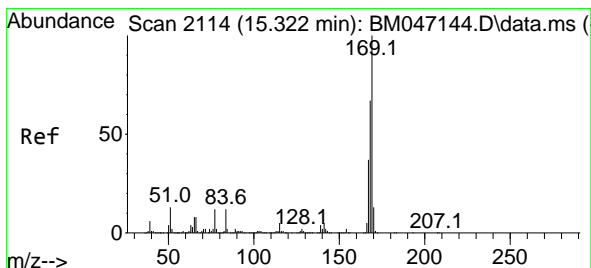
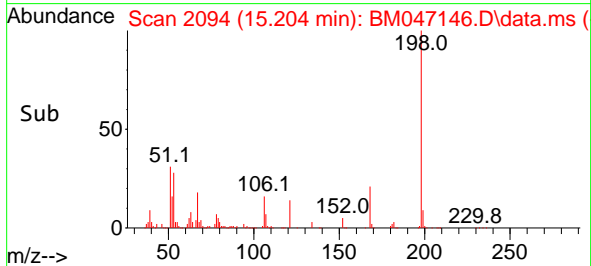
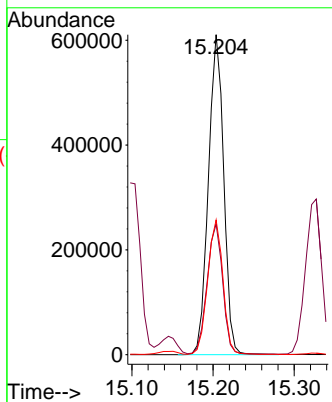
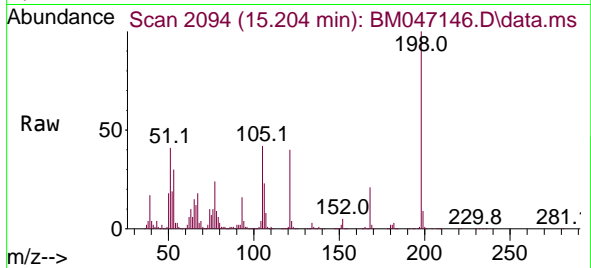


#65
 4,6-Dinitro-2-methylphenol
 Concen: 65.573 ng
 RT: 15.204 min Scan# 2094
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tgt Ion:198 Resp: 799367

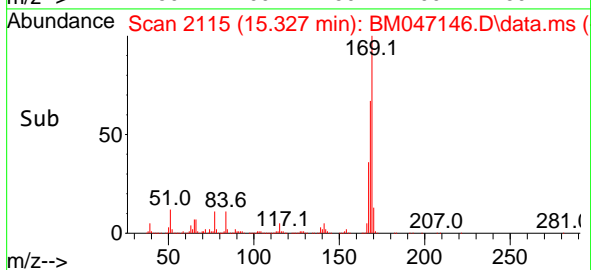
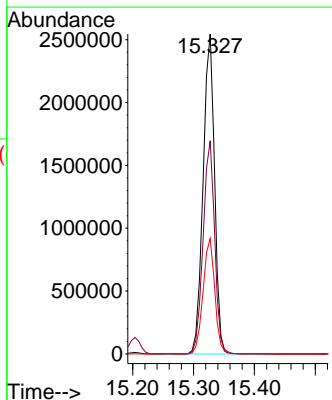
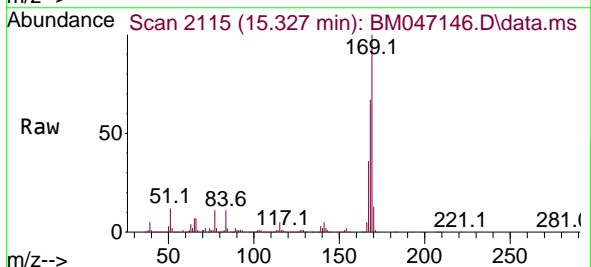
Ion	Ratio	Lower	Upper
198	100		
51	40.9	23.9	63.9
105	42.1	24.3	64.3

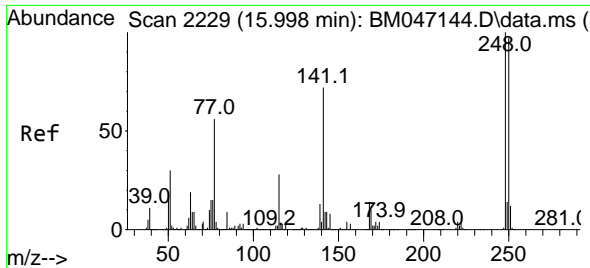


#66
 n-Nitrosodiphenylamine
 Concen: 58.648 ng
 RT: 15.327 min Scan# 2115
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:169 Resp: 3326078

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.8	80.8
167	36.1	29.3	43.9



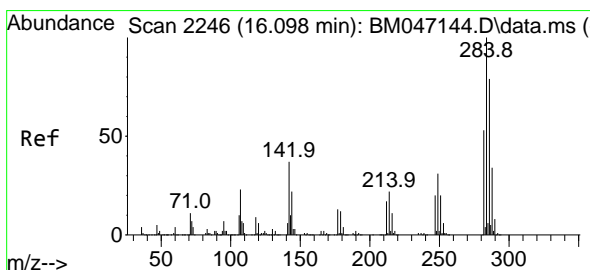
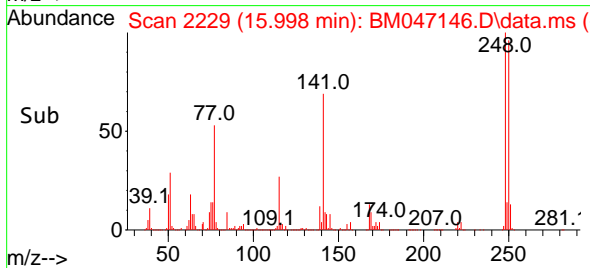
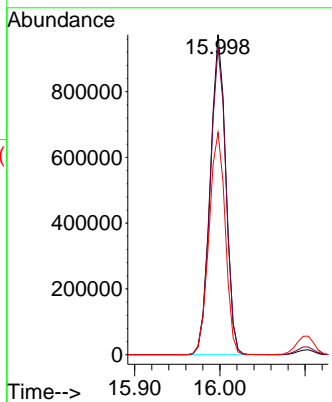
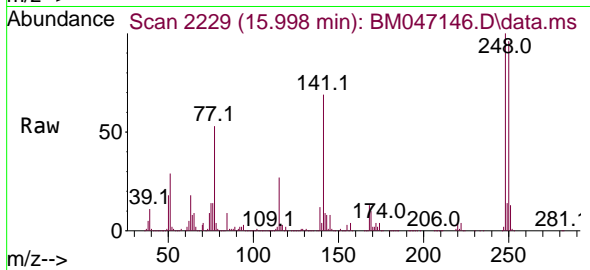


#67
 4-Bromophenyl-phenylether
 Concen: 61.547 ng
 RT: 15.998 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument : BNA_M
 ClientSampleId : SSTDICC060

Tgt Ion:248 Resp: 1234868

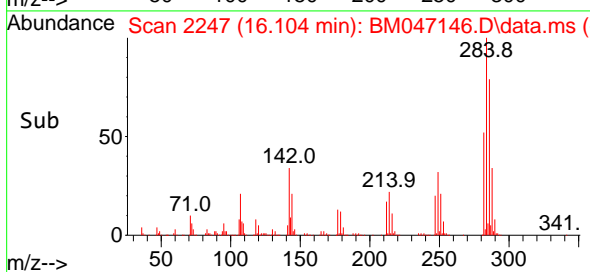
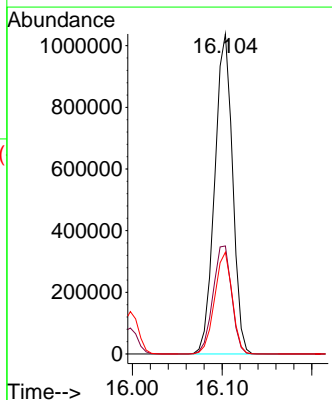
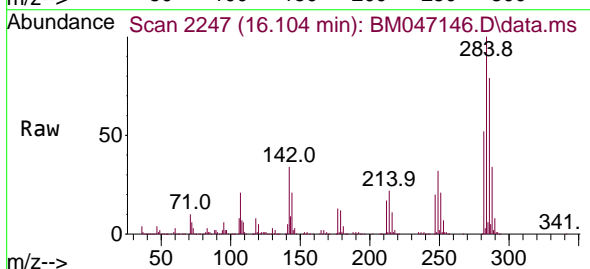
Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.8	116.8
141	69.4	57.7	86.5

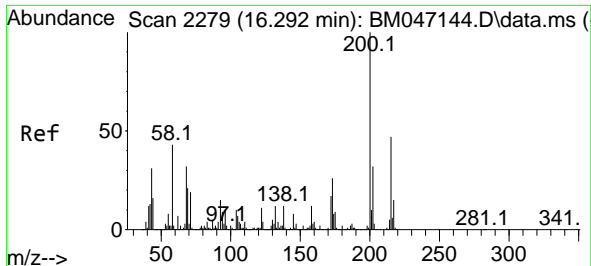


#68
 Hexachlorobenzene
 Concen: 59.562 ng
 RT: 16.104 min Scan# 2247
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:284 Resp: 1431249

Ion	Ratio	Lower	Upper
284	100		
142	33.7	29.4	44.0
249	31.8	25.1	37.7

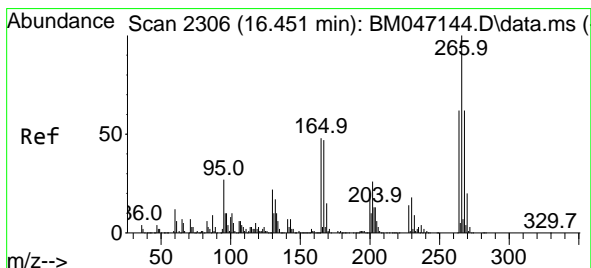
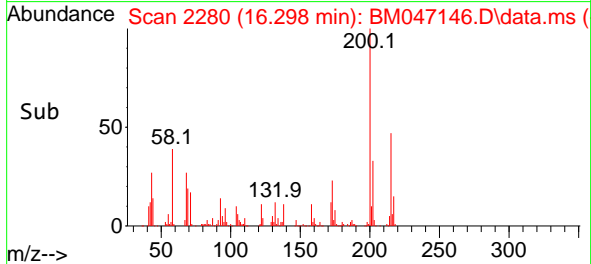
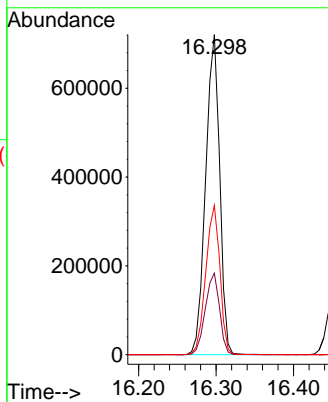
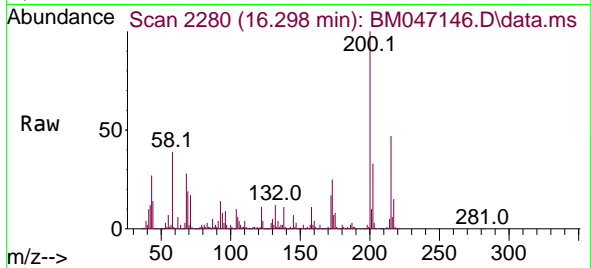




#69
 Atrazine
 Concen: 53.118 ng
 RT: 16.298 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

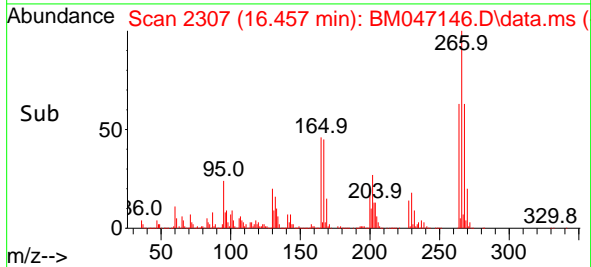
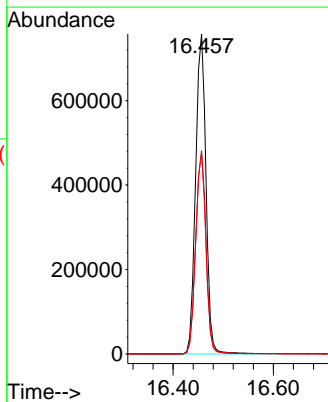
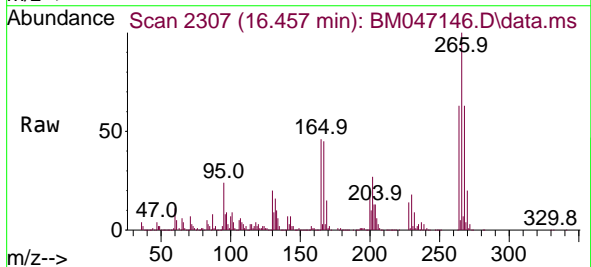
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

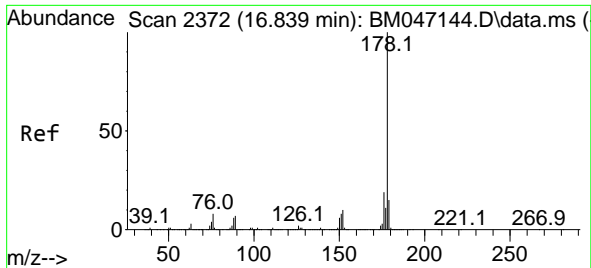
Tgt Ion:200 Resp: 906491
 Ion Ratio Lower Upper
 200 100
 173 25.5 6.1 46.1
 215 46.6 26.8 66.8



#70
 Pentachlorophenol
 Concen: 64.503 ng
 RT: 16.457 min Scan# 2307
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:266 Resp: 1086504
 Ion Ratio Lower Upper
 266 100
 268 63.5 49.8 74.6
 264 62.9 49.6 74.4



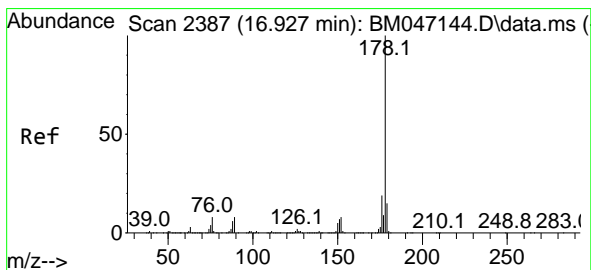
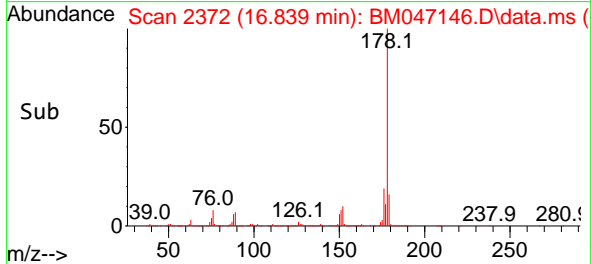
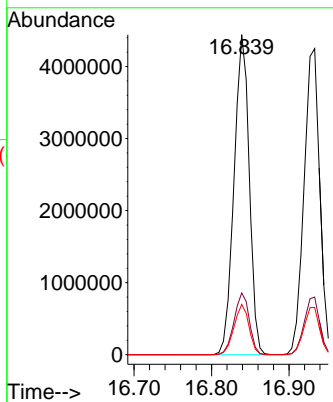
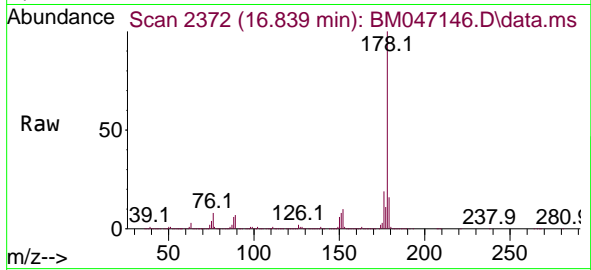


#71
 Phenanthrene
 Concen: 58.208 ng
 RT: 16.839 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tgt Ion:178 Resp: 6082429

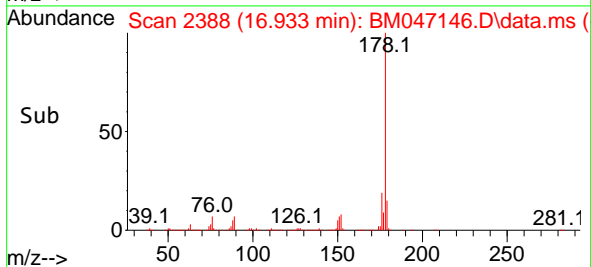
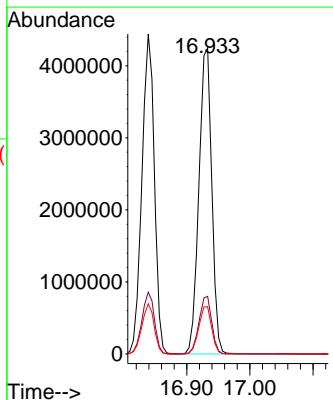
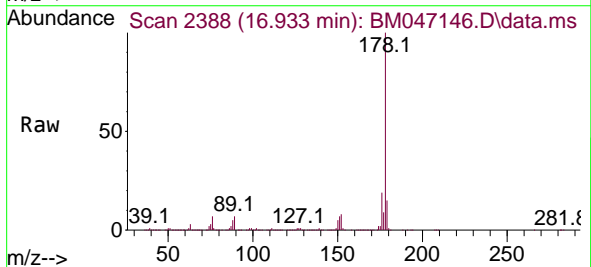
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.7	12.4	18.6

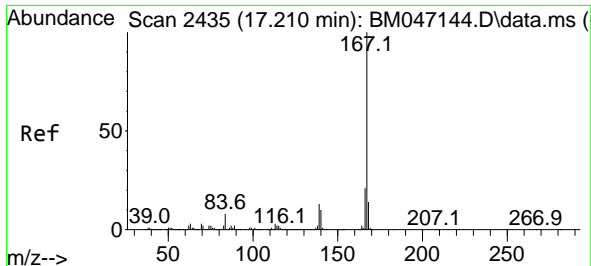


#72
 Anthracene
 Concen: 59.030 ng
 RT: 16.933 min Scan# 2388
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:178 Resp: 6001835

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.4	12.4	18.6



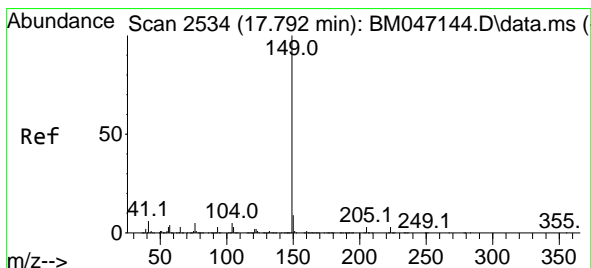
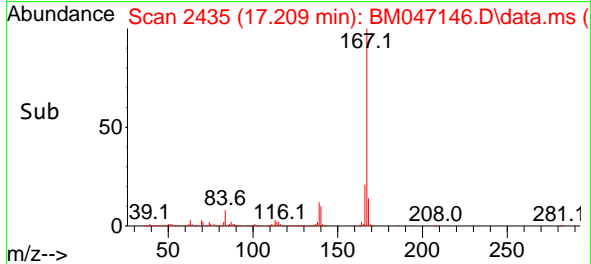
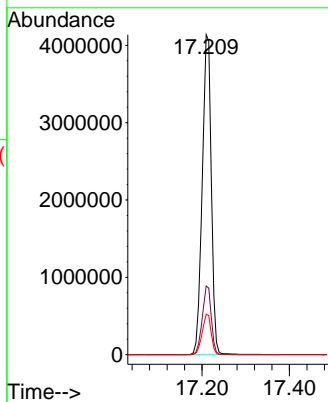
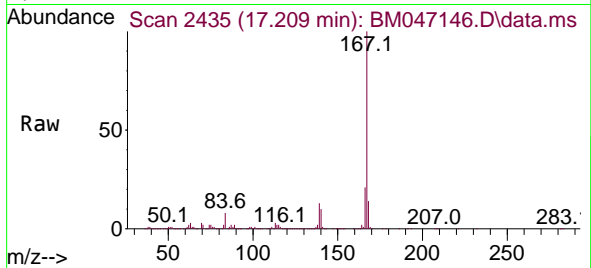


#73
 Carbazole
 Concen: 57.702 ng
 RT: 17.209 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tgt Ion:167 Resp: 5990202

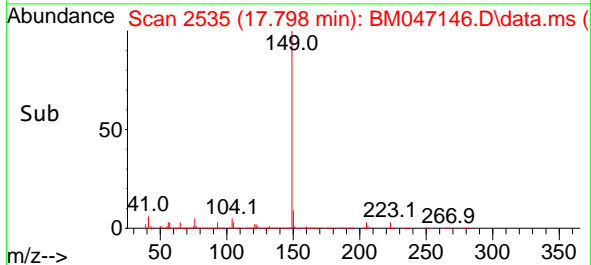
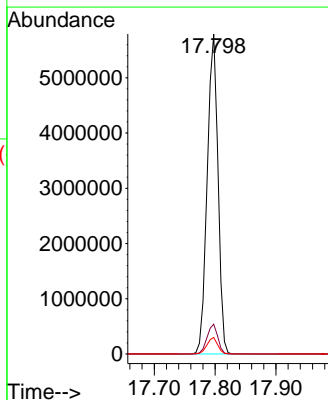
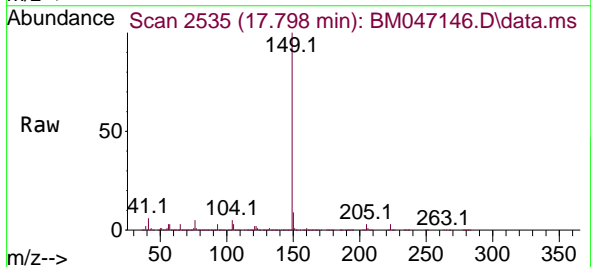
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.6	10.0	15.0

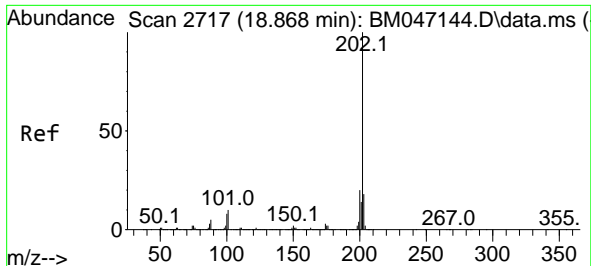


#74
 Di-n-butylphthalate
 Concen: 58.952 ng
 RT: 17.798 min Scan# 2535
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:149 Resp: 7121063

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.1	4.1	6.1



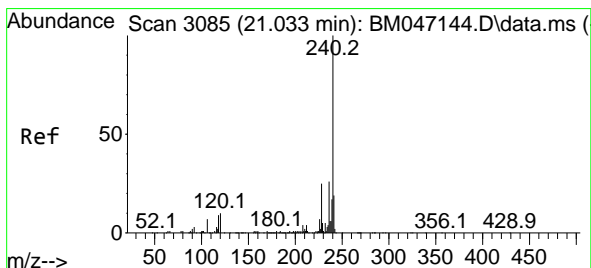
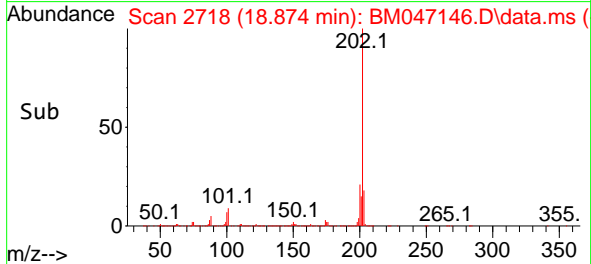
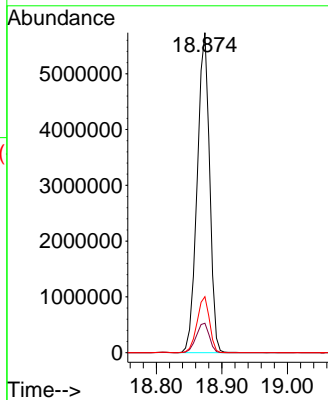
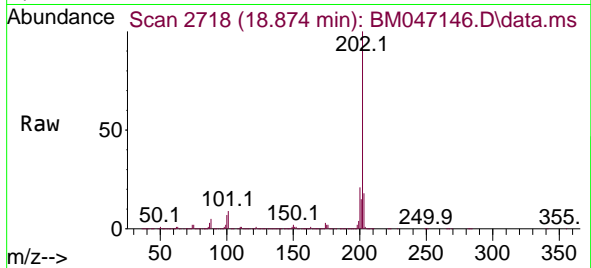


#75
 Fluoranthene
 Concen: 59.328 ng
 RT: 18.874 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tgt Ion:202 Resp: 7540518

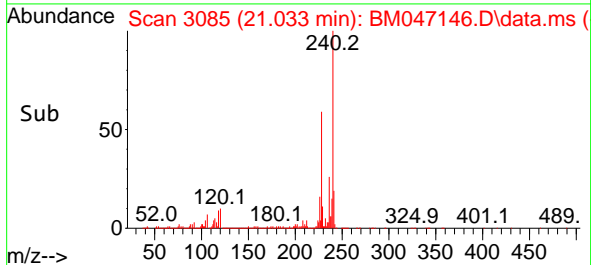
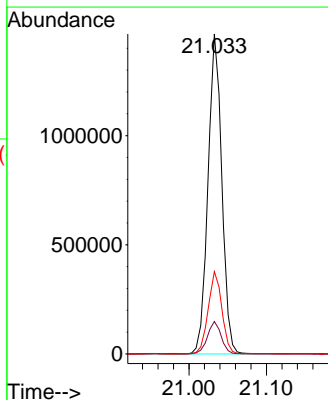
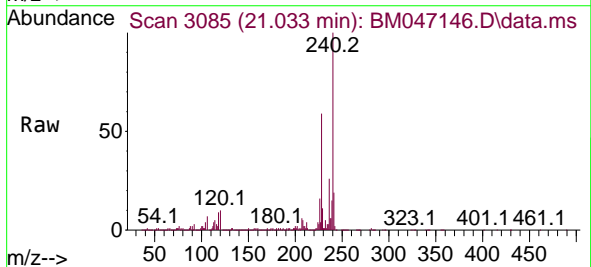
Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.2
203	17.5	0.0	37.6

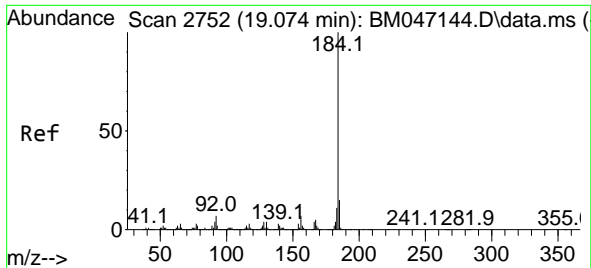


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.033 min Scan# 3085
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:240 Resp: 1812683

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.2
236	25.8	20.6	30.8



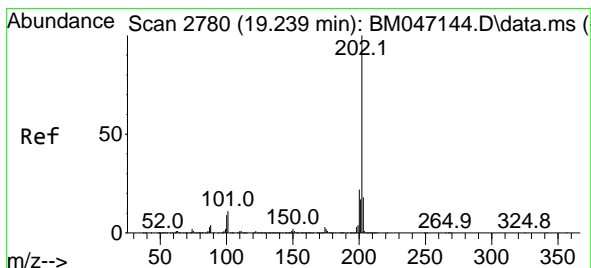
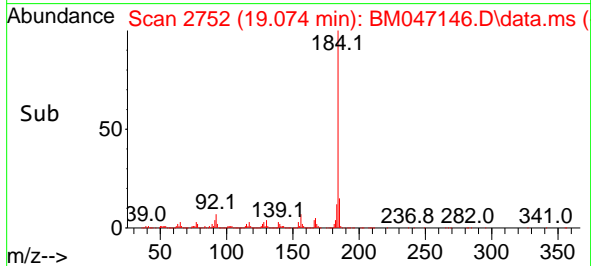
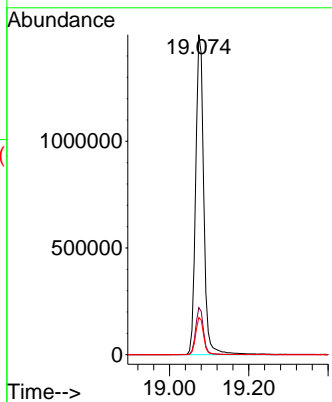
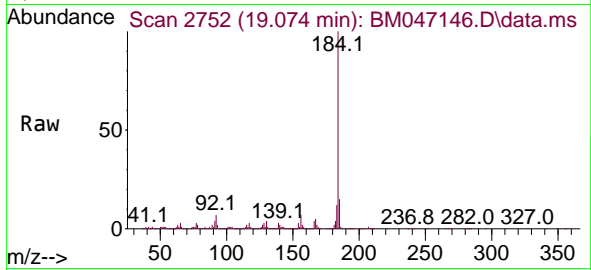


#77
 Benzidine
 Concen: 68.768 ng
 RT: 19.074 min Scan# 2752
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument : BNA_M
 ClientSampleId : SSTDICC060

Tgt Ion:184 Resp: 2113957

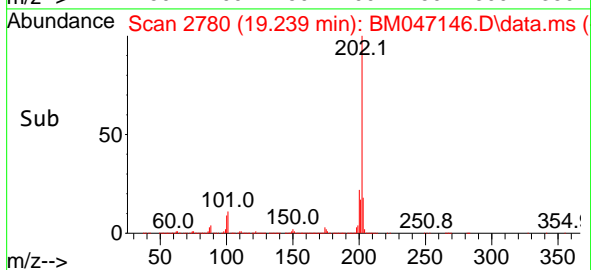
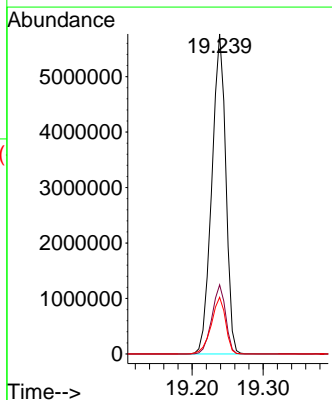
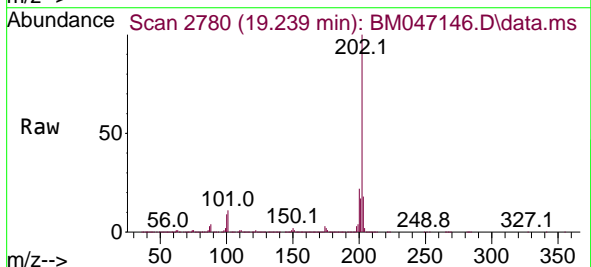
Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.6
183	11.6	9.0	13.6

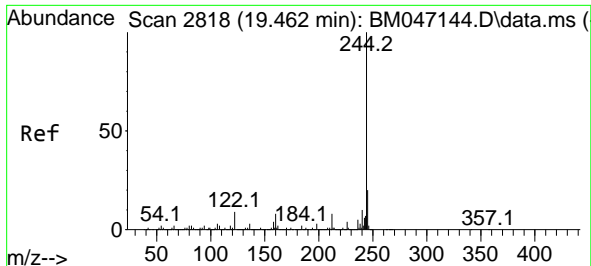


#78
 Pyrene
 Concen: 60.744 ng
 RT: 19.239 min Scan# 2780
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:202 Resp: 7862143

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	17.7	14.2	21.2



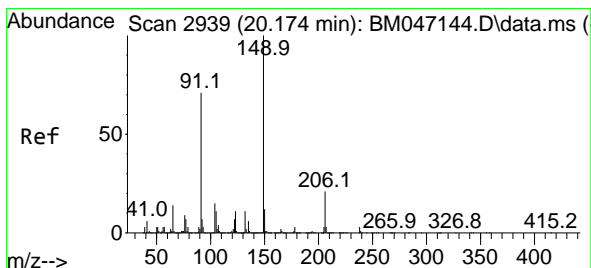
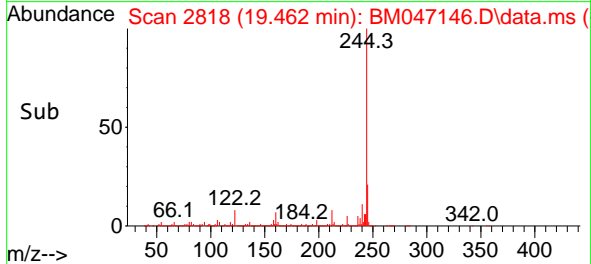
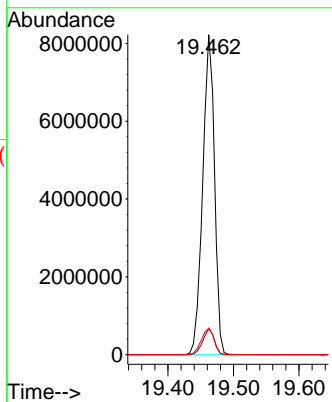
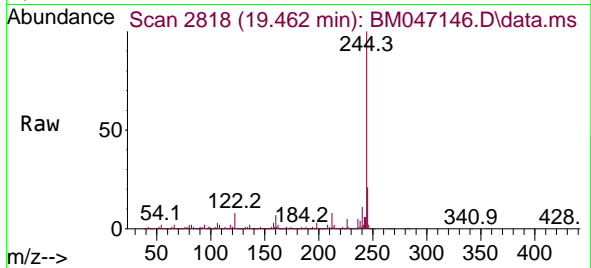


#79
 Terphenyl-d14
 Concen: 121.942 ng
 RT: 19.462 min Scan# 2818
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tgt Ion:244 Resp:10315735

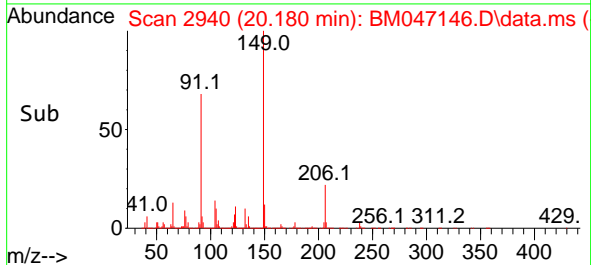
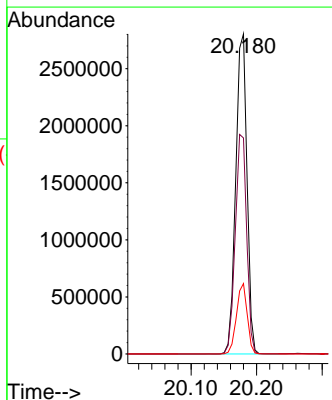
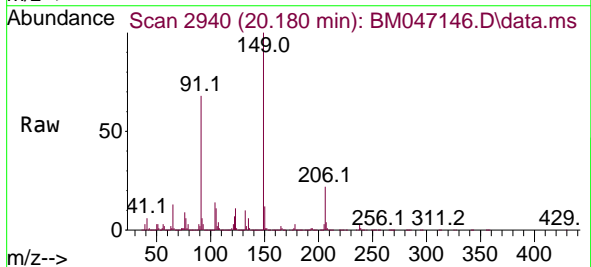
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.4
122	8.3	7.1	10.7

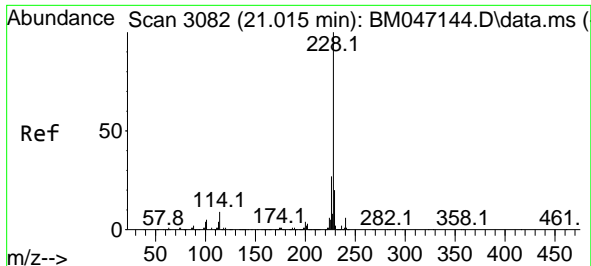


#80
 Butylbenzylphthalate
 Concen: 63.380 ng
 RT: 20.180 min Scan# 2940
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:149 Resp: 3347760

Ion	Ratio	Lower	Upper
149	100		
91	67.5	57.0	85.4
206	22.0	16.4	24.6



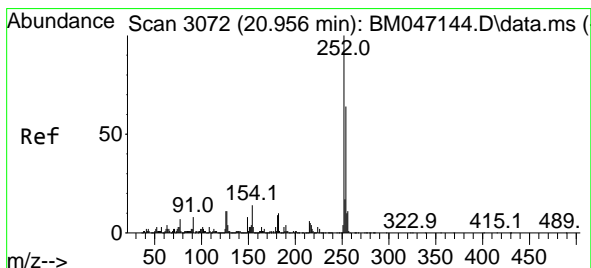
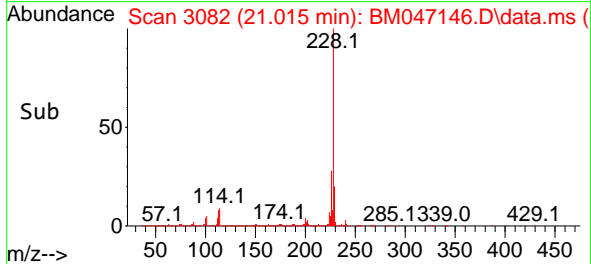
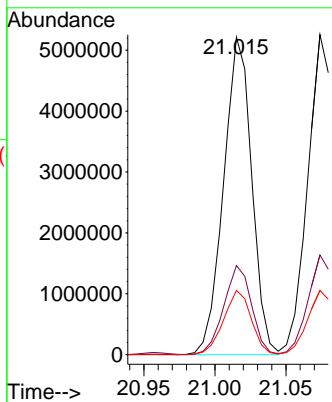
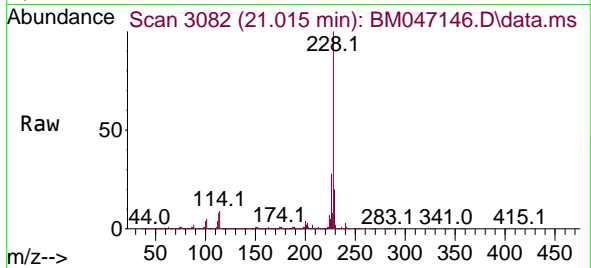


#81
 Benzo(a)anthracene
 Concen: 59.814 ng
 RT: 21.015 min Scan# 3082
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument : BNA_M
 ClientSampleId : SSTDICC060

Tgt Ion:228 Resp: 7197782

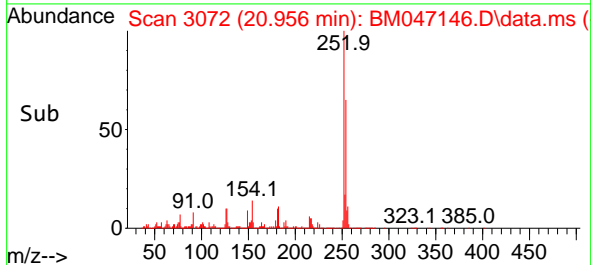
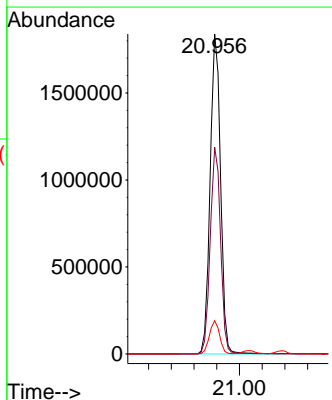
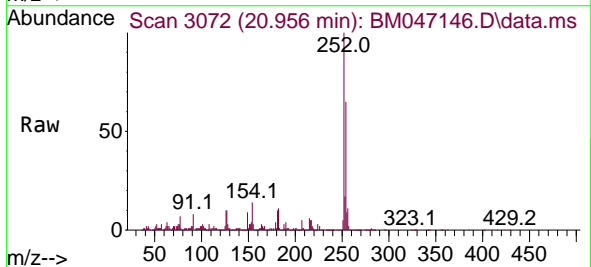
Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.8	32.6
229	20.3	15.8	23.8

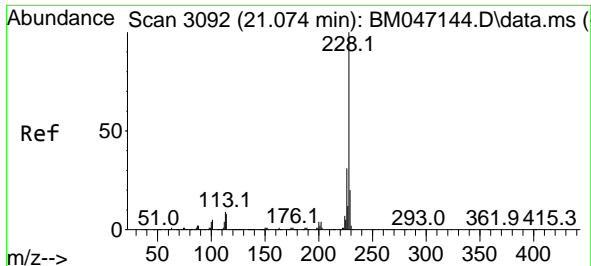


#82
 3,3'-Dichlorobenzidine
 Concen: 61.593 ng
 RT: 20.956 min Scan# 3072
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:252 Resp: 2319044

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.0	76.6
126	10.4	8.5	12.7



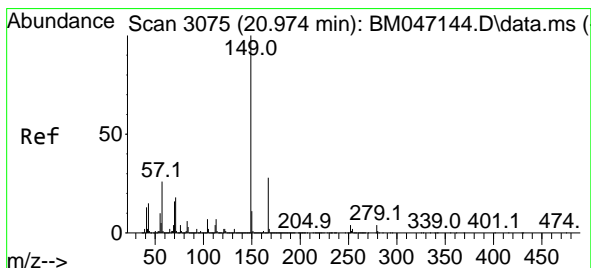
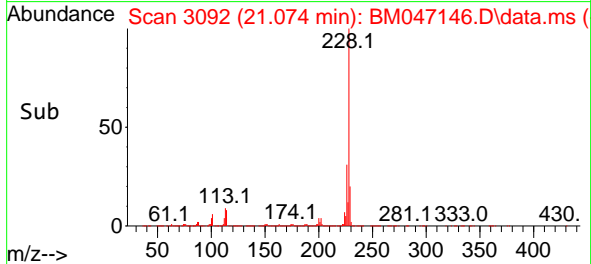
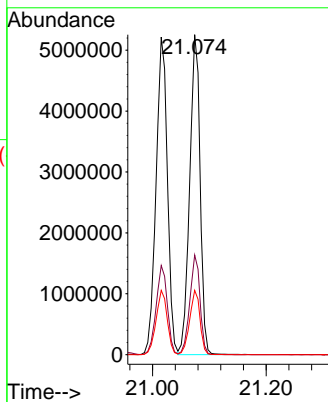
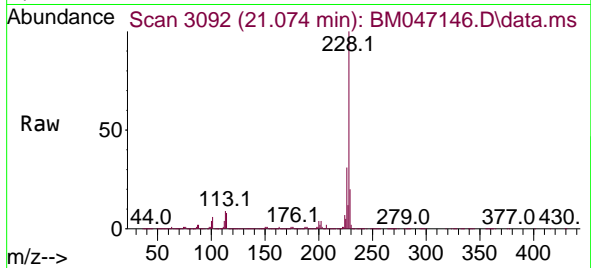


#83
 Chrysene
 Concen: 58.790 ng
 RT: 21.074 min Scan# 3092
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument : BNA_M
 Client Sample Id : SSTDICC060

Tgt Ion: 228 Resp: 6712104

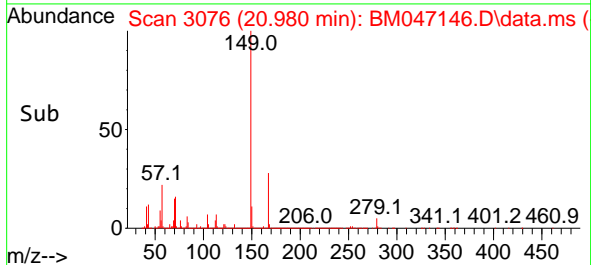
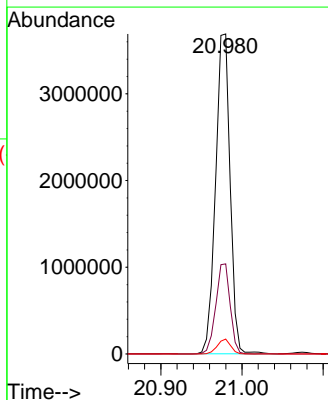
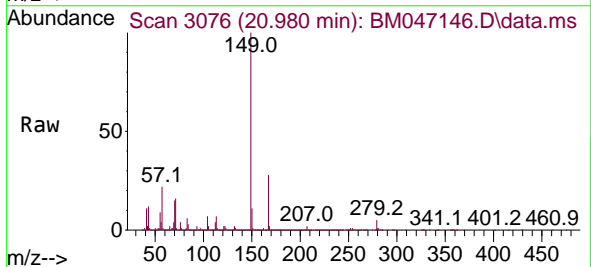
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	20.1	15.7	23.5

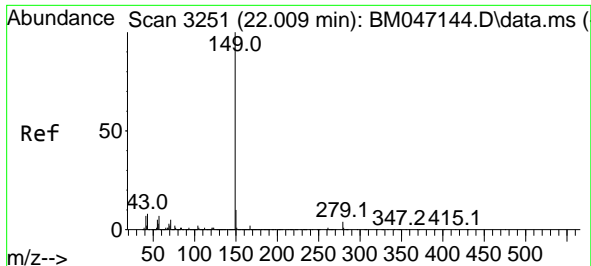


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 61.396 ng
 RT: 20.980 min Scan# 3076
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion: 149 Resp: 4599112

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.2
279	4.6	3.0	4.4#





#85
 Di-n-octyl phthalate
 Concen: 64.180 ng
 RT: 22.009 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument :

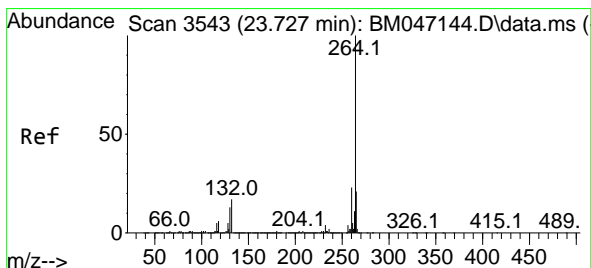
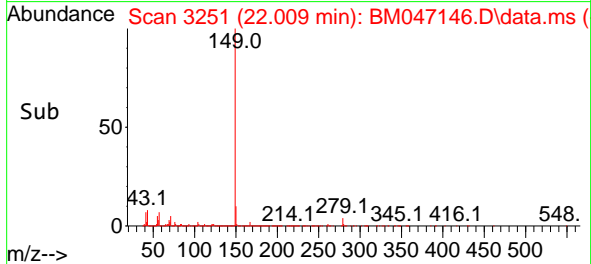
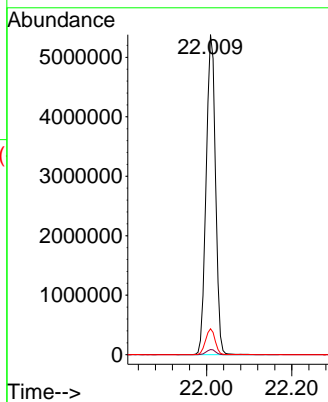
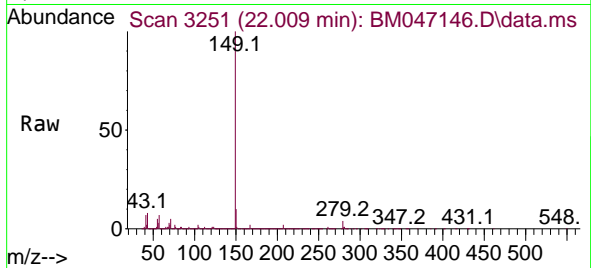
BNA_M

Client Sample Id :

SSTDICC060

Tgt Ion:149 Resp: 8171642

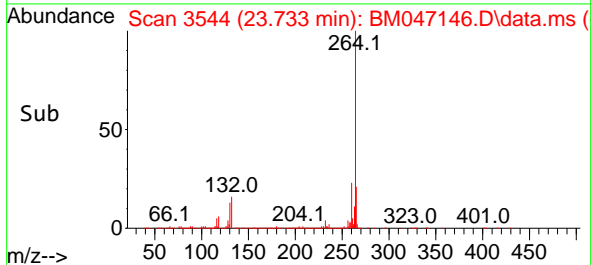
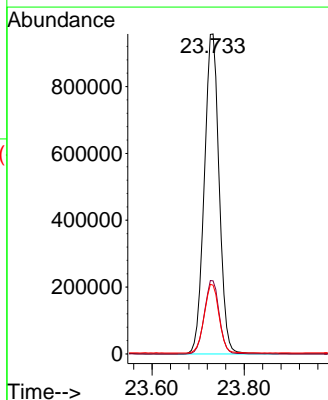
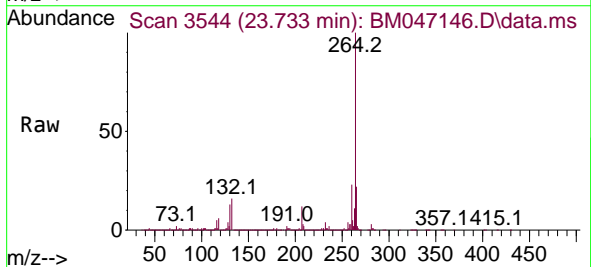
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.2	6.9	10.3

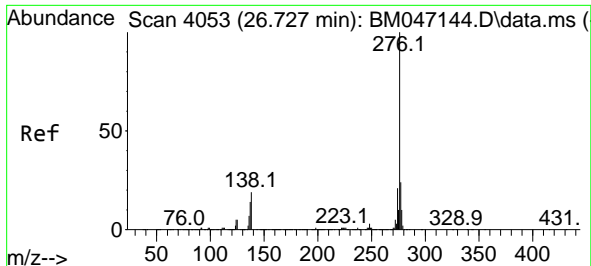


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.733 min Scan# 3544
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:264 Resp: 2151546

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.5	17.3	25.9



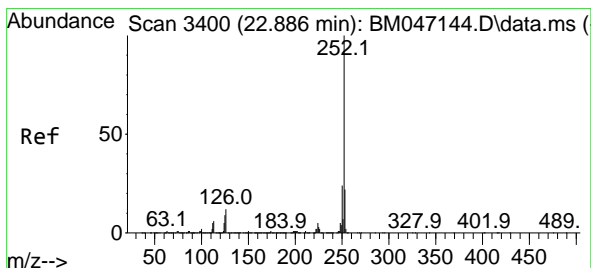
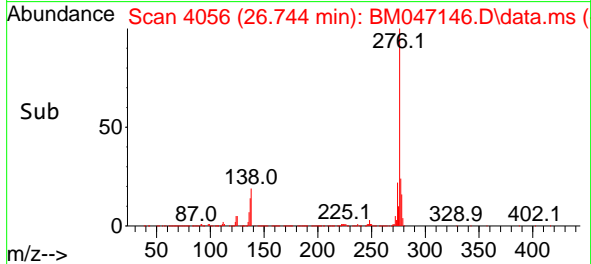
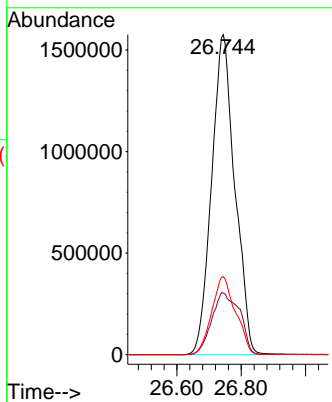
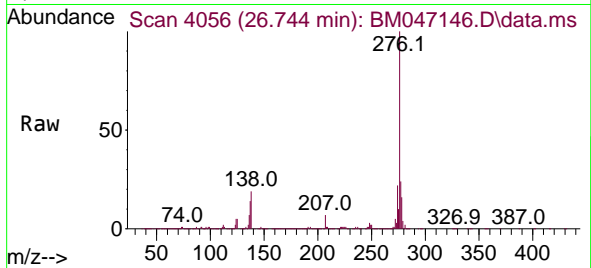


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 56.929 ng
 RT: 26.744 min Scan# 4053
 Delta R.T. 0.017 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument : BNA_M
 Client Sample Id : BM047146.D
 SSTDICC060

Tgt Ion: 276 Resp: 7917132

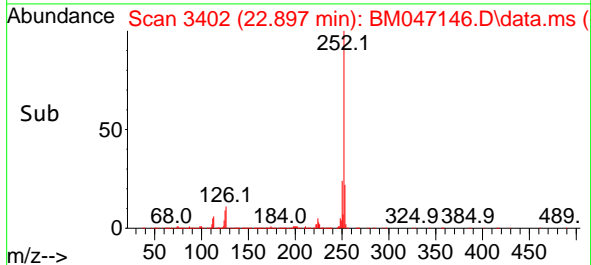
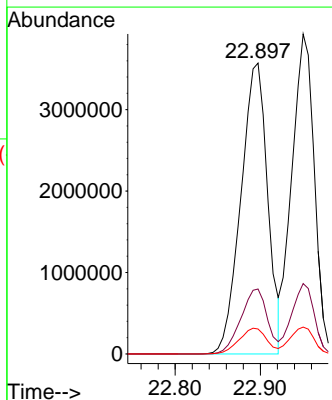
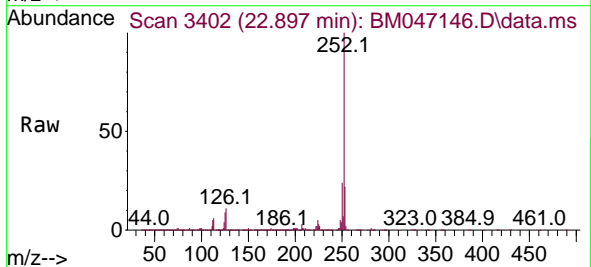
Ion	Ratio	Lower	Upper
276	100		
138	23.4	19.4	29.0
277	25.1	20.1	30.1

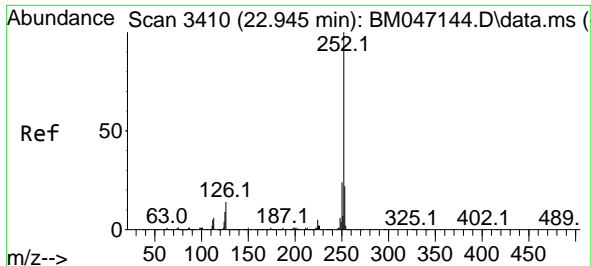


#88
 Benzo(b)fluoranthene
 Concen: 60.962 ng
 RT: 22.897 min Scan# 3402
 Delta R.T. 0.012 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion: 252 Resp: 7789248

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	8.6	7.4	11.0

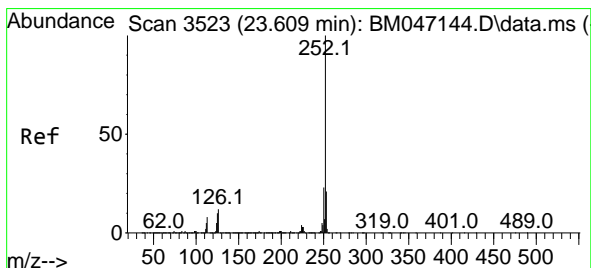
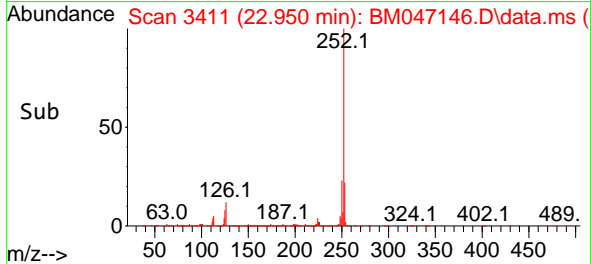
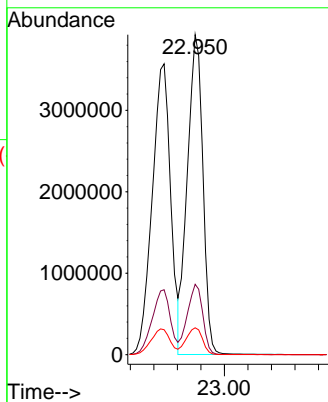
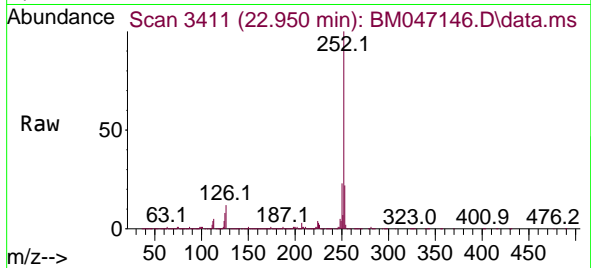




#89
 Benzo(k)fluoranthene
 Concen: 59.680 ng
 RT: 22.950 min Scan# 3410
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

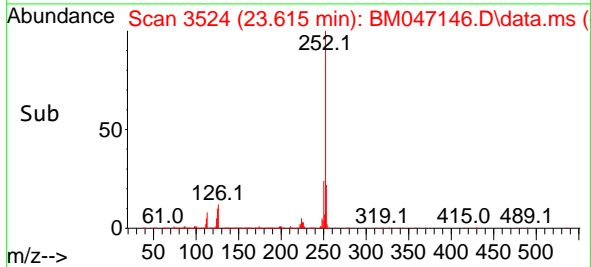
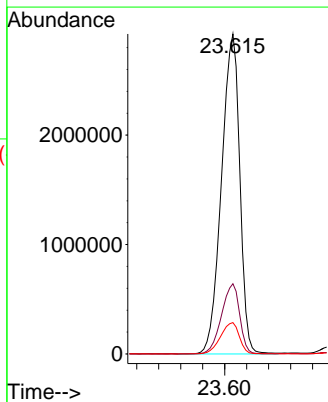
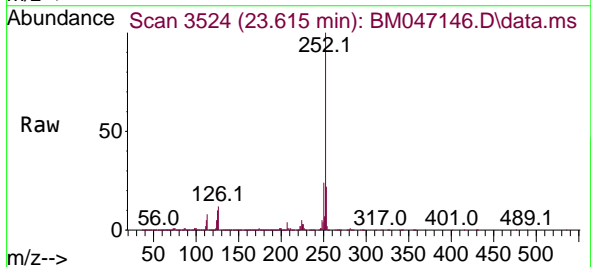
Instrument : BNA_M
 ClientSampleId : SSTDICC060

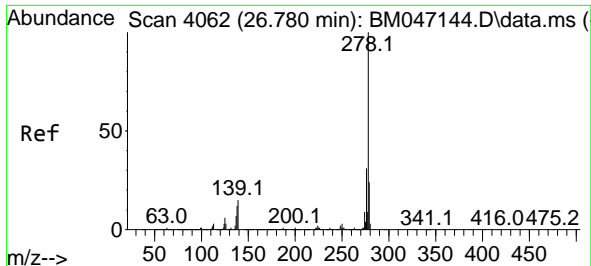
Tgt Ion:252 Resp: 7202578
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 8.4 7.4 11.2



#90
 Benzo(a)pyrene
 Concen: 60.997 ng
 RT: 23.615 min Scan# 3524
 Delta R.T. 0.006 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion:252 Resp: 6751397
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.1 25.7
 125 9.8 8.2 12.2



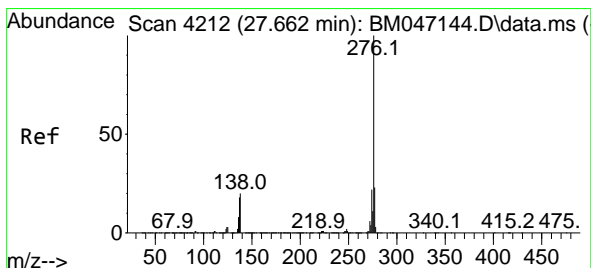
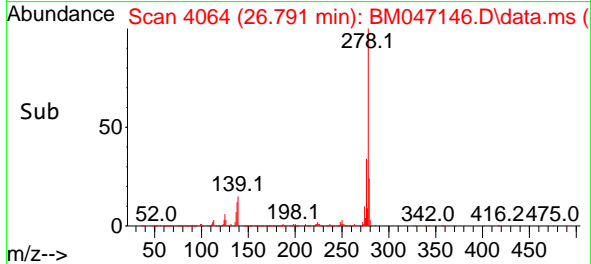
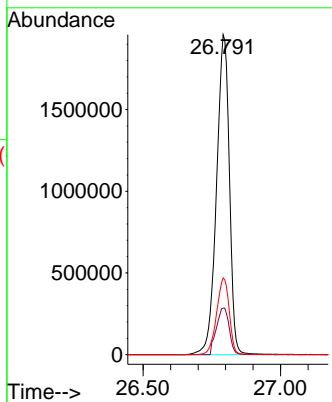
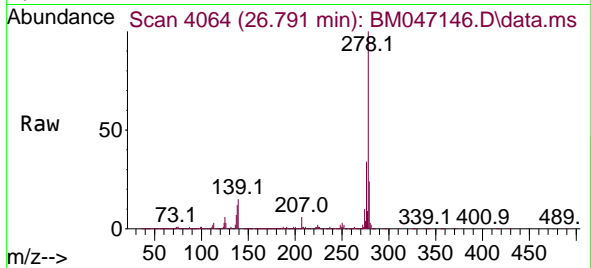


#91
 Dibenzo(a,h)anthracene
 Concen: 56.576 ng
 RT: 26.791 min Scan# 4064
 Delta R.T. 0.012 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Instrument : BNA_M
 Client Sample Id : BM047146.D
 SSTDICC060

Tgt Ion: 278 Resp: 6367453

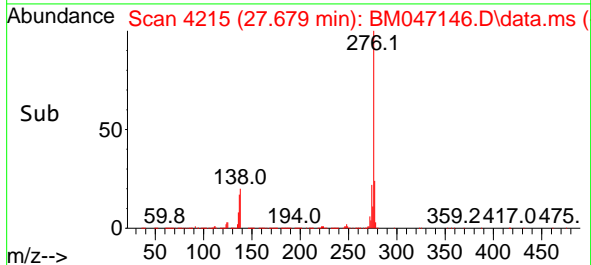
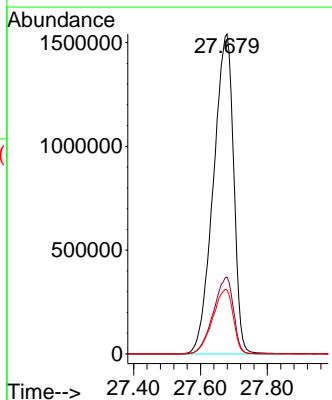
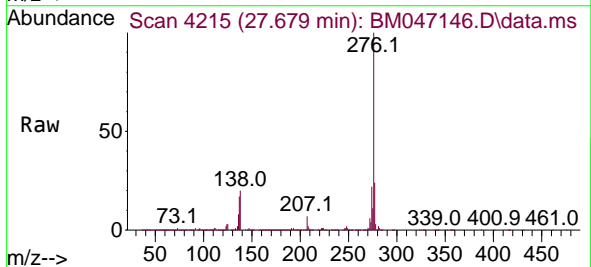
Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.0	18.0
279	24.0	19.2	28.8



#92
 Benzo(g,h,i)perylene
 Concen: 55.488 ng
 RT: 27.679 min Scan# 4215
 Delta R.T. 0.017 min
 Lab File: BM047146.D
 Acq: 10 Aug 2024 17:11

Tgt Ion: 276 Resp: 6483852

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	20.1	16.2	24.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047147.D
 Acq On : 10 Aug 2024 17:51
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Quant Time: Aug 11 23:35:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:24:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.375	152	304450	20.000	ng	0.00	
21) Naphthalene-d8	10.134	136	1204959	20.000	ng	0.00	
39) Acenaphthene-d10	14.033	164	795761	20.000	ng	0.00	
64) Phenanthrene-d10	16.798	188	1674812	20.000	ng	0.00	
76) Chrysene-d12	21.033	240	1443265	20.000	ng	0.00	
86) Perylene-d12	23.733	264	1789187	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.028	112	2548471	149.572	ng	0.00	
7) Phenol-d6	6.593	99	3559773	151.625	ng	0.00	
23) Nitrobenzene-d5	8.528	82	3582678	149.714	ng	0.00	
42) 2,4,6-Tribromophenol	15.545	330	1437262	155.767	ng	0.00	
45) 2-Fluorobiphenyl	12.645	172	7769782	150.612	ng	0.00	
79) Terphenyl-d14	19.462	244	10644639	158.037	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.034	88	518861	73.496	ng		99
3) Pyridine	3.410	79	1583783m	76.560	ng		
4) n-Nitrosodimethylamine	3.328	42	678926	75.066	ng		96
6) Aniline	6.734	93	1624949	73.227	ng		99
8) 2-Chlorophenol	6.951	128	1372864	73.876	ng		99
10) Phenol	6.616	94	1769382	75.529	ng		99
11) bis(2-Chloroethyl)ether	6.834	93	1474612	73.503	ng		99
12) 1,3-Dichlorobenzene	7.263	146	1643503	74.424	ng		99
13) 1,4-Dichlorobenzene	7.410	146	1656531	74.089	ng		100
14) 1,2-Dichlorobenzene	7.722	146	1535913	72.806	ng		99
15) Benzyl Alcohol	7.634	79	1293991	77.443	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.916	45	1798177	69.769	ng		100
17) 2-Methylphenol	7.834	107	1167820	74.722	ng		99
18) Hexachloroethane	8.428	117	649682	75.015	ng		99
19) n-Nitroso-di-n-propyla...	8.198	70	1114969	70.505	ng		98
20) 3+4-Methylphenols	8.169	107	1646698	75.366	ng		99
22) Acetophenone	8.198	105	2124216	73.033	ng	#	98
24) Nitrobenzene	8.569	77	1777843	73.781	ng		99
25) Isophorone	9.098	82	3163607	75.927	ng		99
26) 2-Nitrophenol	9.263	139	891212	83.514	ng		99
27) 2,4-Dimethylphenol	9.345	122	981455	78.514	ng		99
28) bis(2-Chloroethoxy)met...	9.581	93	1908847	72.808	ng		98
29) 2,4-Dichlorophenol	9.798	162	1485940	80.115	ng		100
30) 1,2,4-Trichlorobenzene	10.004	180	1625842	77.458	ng		100
31) Naphthalene	10.181	128	4520274	75.304	ng		99
32) Benzoic acid	9.575	122	1293498	88.571	ng		99
33) 4-Chloroaniline	10.316	127	1753660	75.970	ng		100
34) Hexachlorobutadiene	10.469	225	991890	80.736	ng		99
35) Caprolactam	11.151	113	523592m	81.288	ng		
36) 4-Chloro-3-methylphenol	11.463	107	1559534	78.951	ng		99
37) 2-Methylnaphthalene	11.810	142	3301008	77.236	ng		99
38) 1-Methylnaphthalene	12.033	142	3232647	76.532	ng		99
40) 1,2,4,5-Tetrachloroben...	12.192	216	1736758	80.017	ng		99
41) Hexachlorocyclopentadiene	12.169	237	620195	81.830	ng		97
43) 2,4,6-Trichlorophenol	12.451	196	1259185	81.622	ng		99
44) 2,4,5-Trichlorophenol	12.522	196	1383585	80.776	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047147.D
 Acq On : 10 Aug 2024 17:51
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Quant Time: Aug 11 23:35:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:24:37 2024
 Response via : Initial Calibration

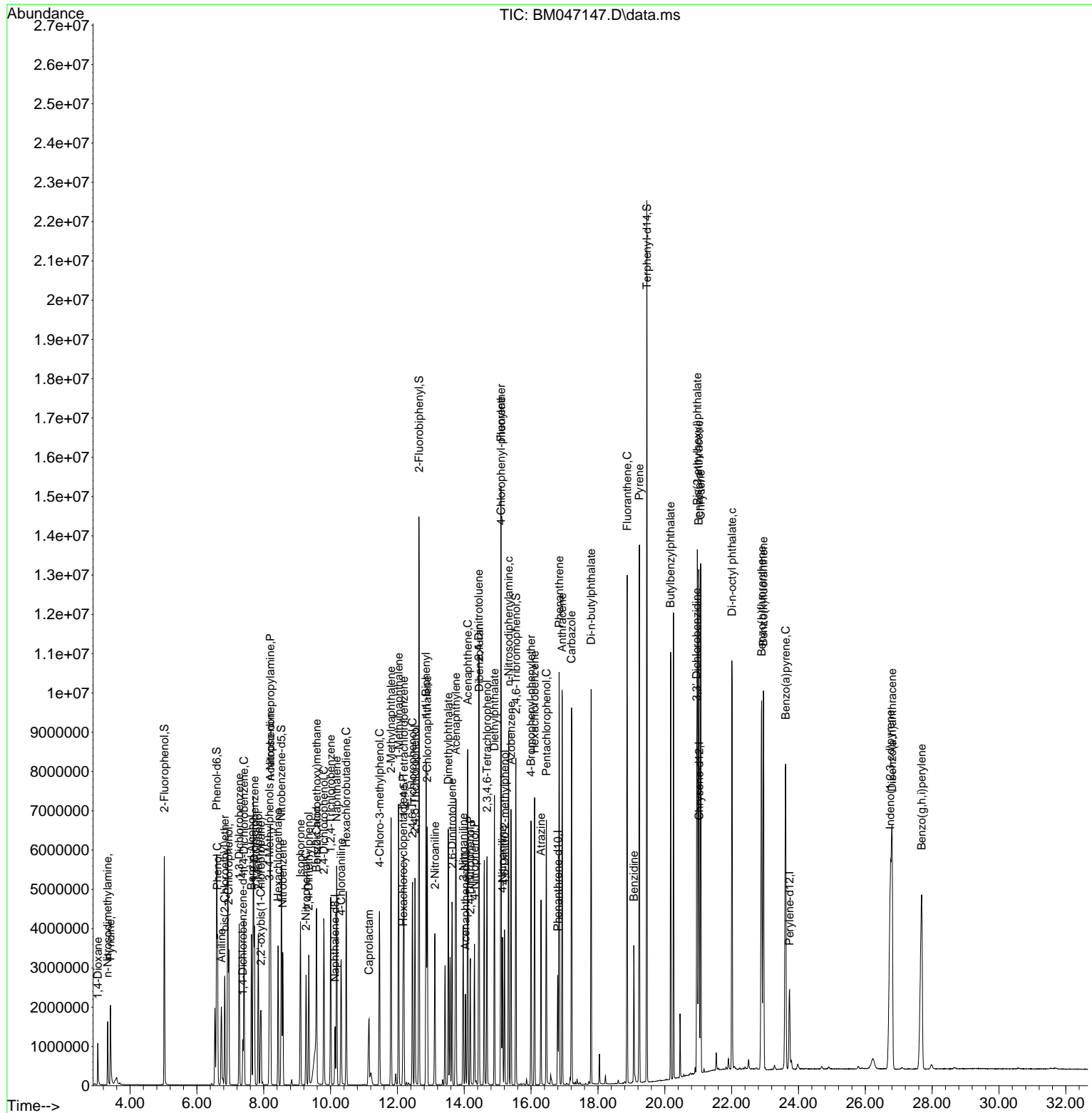
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	12.857	154	4241252	74.866	ng	98
47) 2-Chloronaphthalene	12.892	162	3319138	74.960	ng	99
48) 2-Nitroaniline	13.122	65	1090521	78.614	ng	99
49) Acenaphthylene	13.751	152	4945706	75.775	ng	99
50) Dimethylphthalate	13.522	163	4196226	75.503	ng	99
51) 2,6-Dinitrotoluene	13.639	165	1028020	79.128	ng	91
52) Acenaphthene	14.104	154	3144083	75.941	ng	99
53) 3-Nitroaniline	13.969	138	1034545	79.468	ng	100
54) 2,4-Dinitrophenol	14.180	184	674624	86.639	ng	96
55) Dibenzofuran	14.445	168	4887362	74.735	ng	99
56) 4-Nitrophenol	14.304	139	913035	81.334	ng	96
57) 2,4-Dinitrotoluene	14.433	165	1370129	79.012	ng	97
58) Fluorene	15.098	166	4025459	74.602	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.680	232	1128723	80.180	ng	98
60) Diethylphthalate	14.904	149	4257104	75.010	ng	98
61) 4-Chlorophenyl-phenylether	15.104	204	1997247	77.748	ng	96
62) 4-Nitroaniline	15.145	138	1020427	79.564	ng	99
63) Azobenzene	15.398	77	3920766	72.861	ng	97
65) 4,6-Dinitro-2-methylphthalate	15.204	198	820182	83.643	ng	97
66) n-Nitrosodiphenylamine	15.327	169	3446873	75.560	ng	99
67) 4-Bromophenyl-phenylether	15.998	248	1277742	79.172	ng	99
68) Hexachlorobenzene	16.104	284	1481615	76.654	ng	98
69) Atrazine	16.298	200	862020	62.797	ng	99
70) Pentachlorophenol	16.457	266	1115403	82.323	ng	98
71) Phenanthrene	16.839	178	6356974	75.631	ng	100
72) Anthracene	16.933	178	6203287	75.850	ng	100
73) Carbazole	17.210	167	6250976	74.858	ng	100
74) Di-n-butylphthalate	17.798	149	7355197	75.700	ng	100
75) Fluoranthene	18.874	202	7852169	76.805	ng	99
77) Benzidine	19.074	184	1943953	79.424	ng	100
78) Pyrene	19.239	202	8163599	79.218	ng	100
80) Butylbenzylphthalate	20.174	149	3437732	81.742	ng	100
81) Benzo(a)anthracene	21.015	228	7463024	77.892	ng	99
82) 3,3'-Dichlorobenzidine	20.956	252	2359199	78.698	ng	99
83) Chrysene	21.074	228	6992860	76.926	ng	99
84) Bis(2-ethylhexyl)phthalate	20.974	149	4711826	79.001	ng	99
85) Di-n-octyl phthalate	22.009	149	8464049	83.492	ng	99
87) Indeno(1,2,3-cd)pyrene	26.750	276	9258642	80.058	ng	99
88) Benzo(b)fluoranthene	22.897	252	8329223	78.391	ng	99
89) Benzo(k)fluoranthene	22.950	252	7726234	76.985	ng	99
90) Benzo(a)pyrene	23.615	252	7338002	79.723	ng	98
91) Dibenzo(a,h)anthracene	26.803	278	7361474	78.655	ng	99
92) Benzo(g,h,i)perylene	27.685	276	7705035	79.293	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

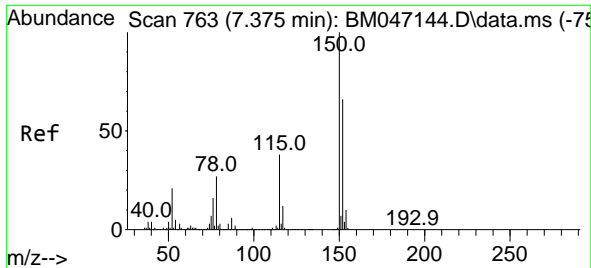
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Data File : BM047147.D
Acq On : 10 Aug 2024 17:51
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Aug 11 23:35:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:24:37 2024
Response via : Initial Calibration



- 1
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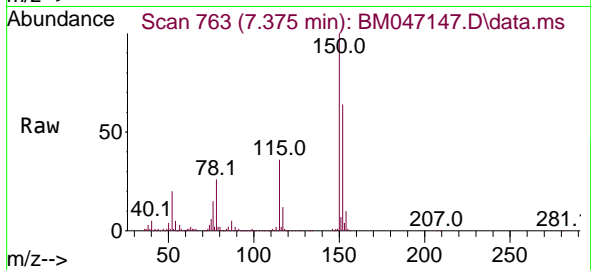
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.375 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :

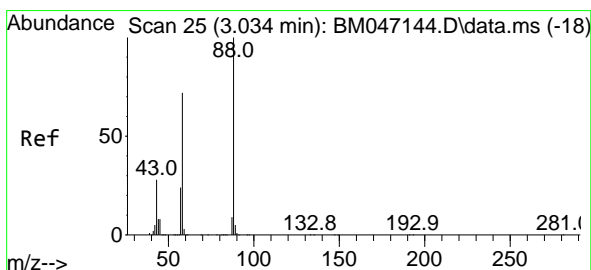
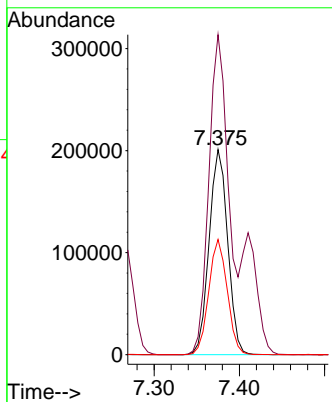
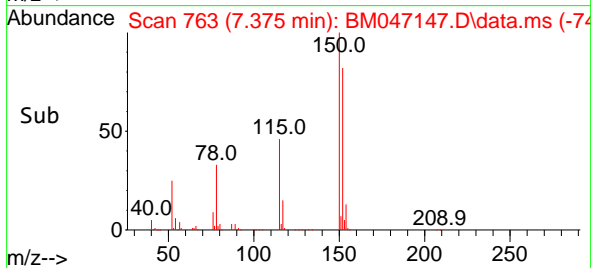
BNA_M

Client Sample Id :

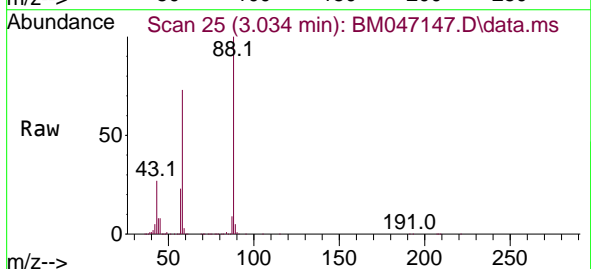
SSTDICC080



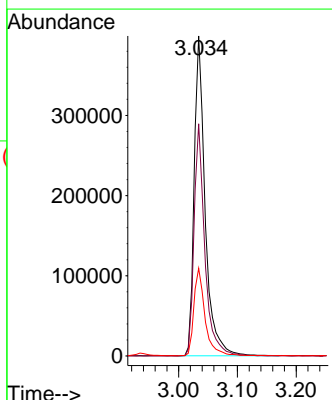
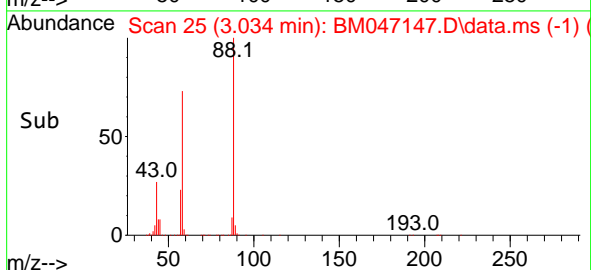
Tgt Ion:152 Resp: 304450
 Ion Ratio Lower Upper
 152 100
 150 156.0 120.5 180.7
 115 56.2 45.5 68.3

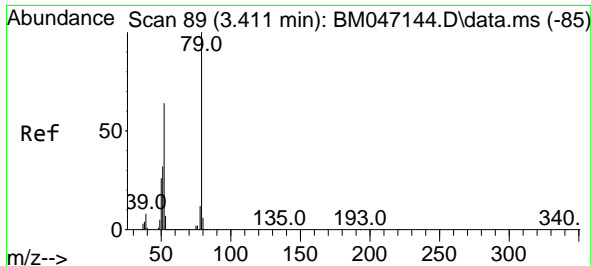


#2
 1,4-Dioxane
 Concen: 73.496 ng
 RT: 3.034 min Scan# 25
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51



Tgt Ion: 88 Resp: 518861
 Ion Ratio Lower Upper
 88 100
 58 71.3 58.2 87.4
 43 27.8 22.5 33.7



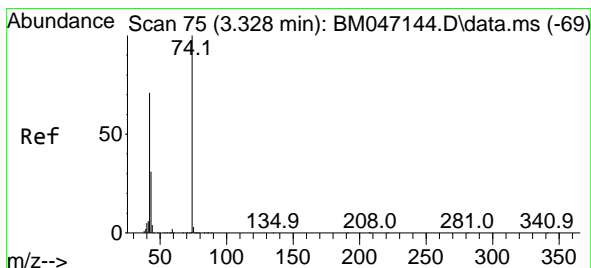
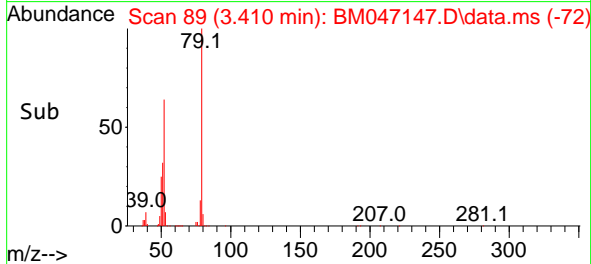
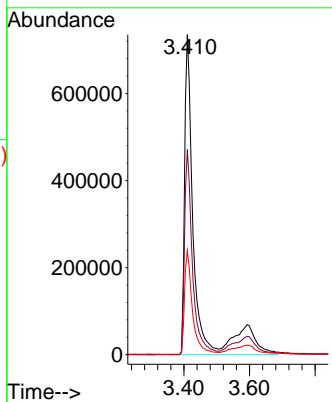
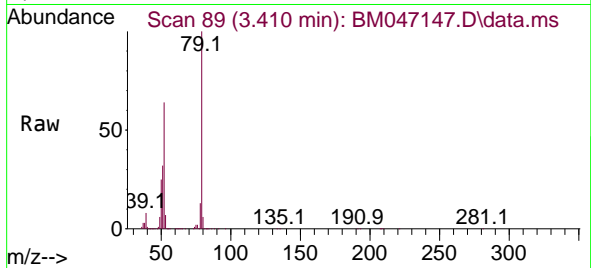


#3
 Pyridine
 Concen: 76.560 ng m
 RT: 3.410 min Scan# 89
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion: 79 Resp: 1583783

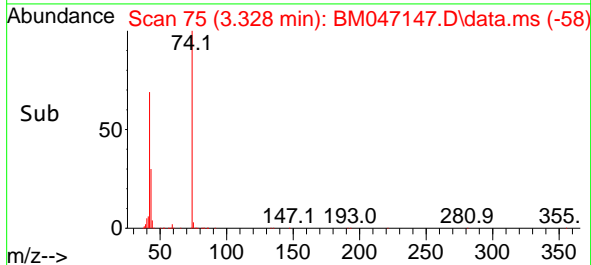
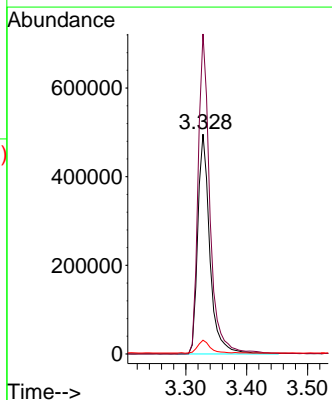
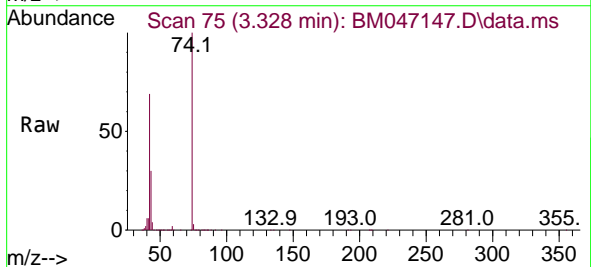
Ion	Ratio	Lower	Upper
79	100		
52	64.1	51.2	76.8
51	32.4	26.1	39.1

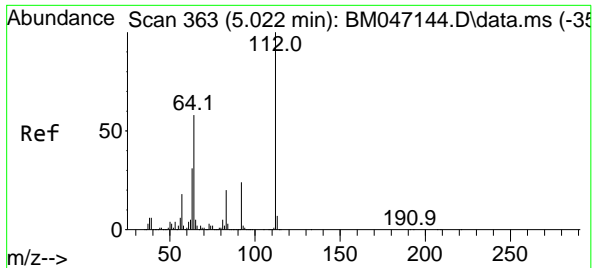


#4
 n-Nitrosodimethylamine
 Concen: 75.066 ng
 RT: 3.328 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion: 42 Resp: 678926

Ion	Ratio	Lower	Upper
42	100		
74	145.6	112.9	169.3
44	6.3	5.3	7.9



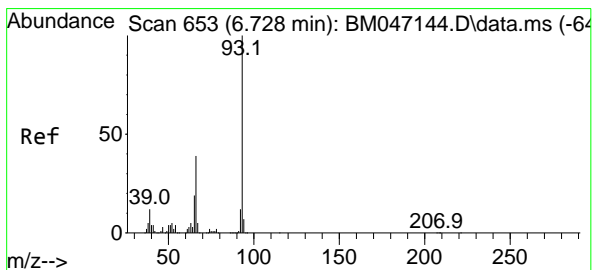
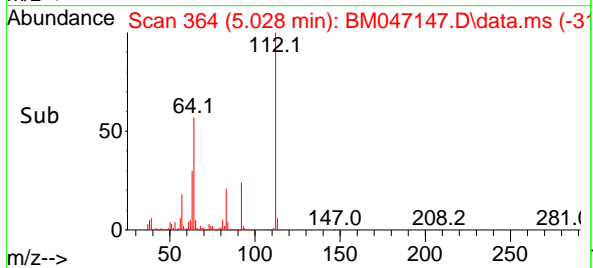
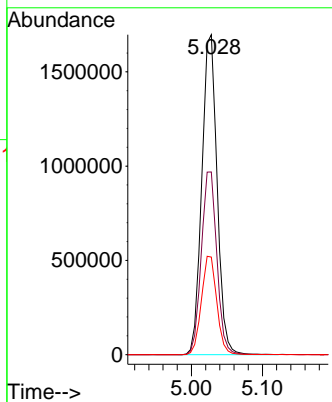
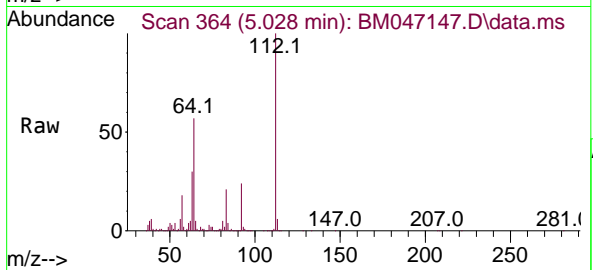


#5
 2-Fluorophenol
 Concen: 149.572 ng
 RT: 5.028 min Scan# 363
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument : BNA_M
 ClientSampleId : SSTDICC080

Tgt Ion:112 Resp: 2548471

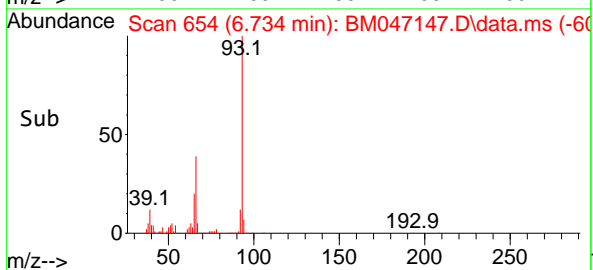
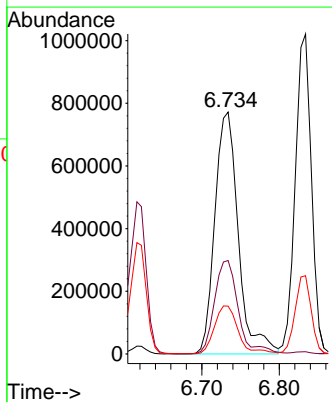
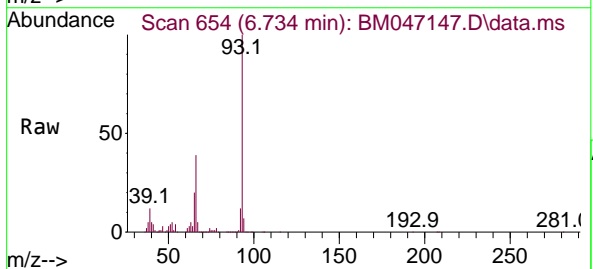
Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.7	70.1
63	30.5	24.8	37.2

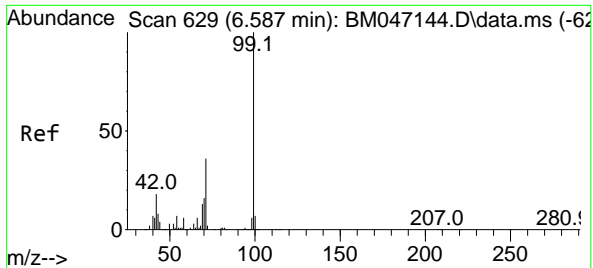


#6
 Aniline
 Concen: 73.227 ng
 RT: 6.734 min Scan# 654
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion: 93 Resp: 1624949

Ion	Ratio	Lower	Upper
93	100		
66	38.6	31.4	47.2
65	19.8	15.6	23.4



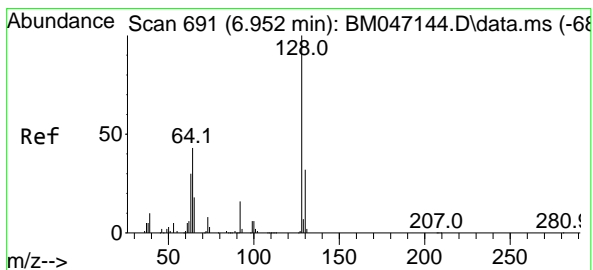
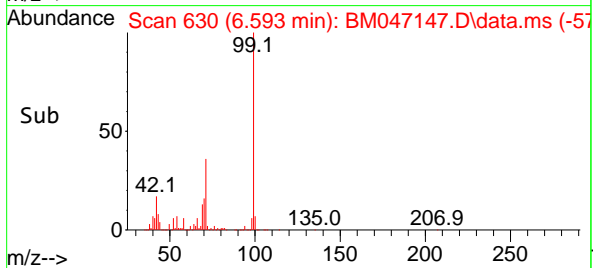
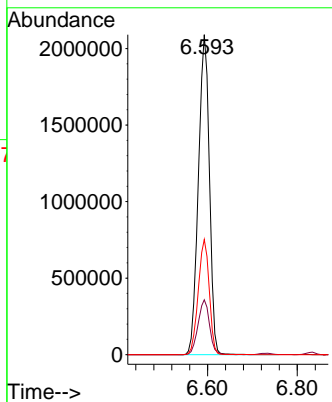
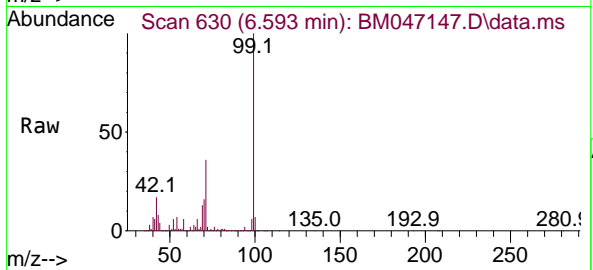


#7
 Phenol-d6
 Concen: 151.625 ng
 RT: 6.593 min Scan# 610
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument : BNA_M
 Client Sample Id : SSTDICC080

Tgt Ion: 99 Resp: 3559773

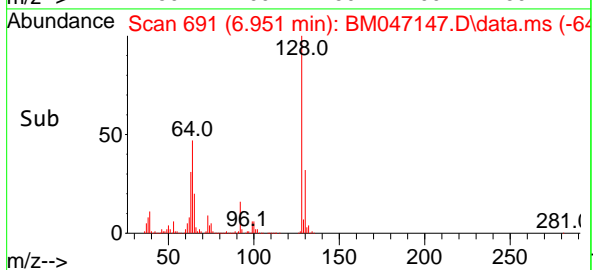
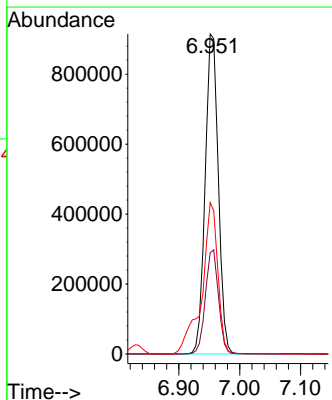
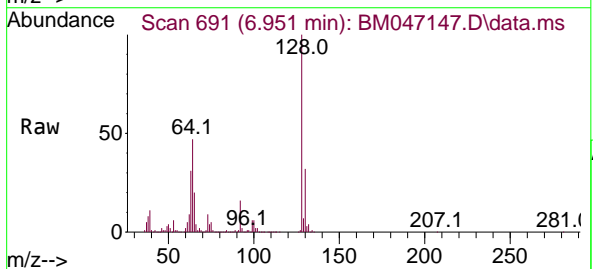
Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.1	21.1
71	36.0	28.5	42.7

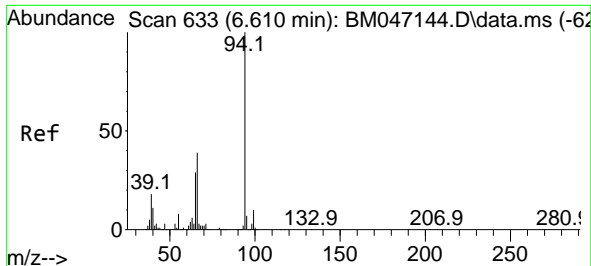


#8
 2-Chlorophenol
 Concen: 73.876 ng
 RT: 6.951 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion: 128 Resp: 1372864

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.1	52.1
64	47.3	26.6	66.6



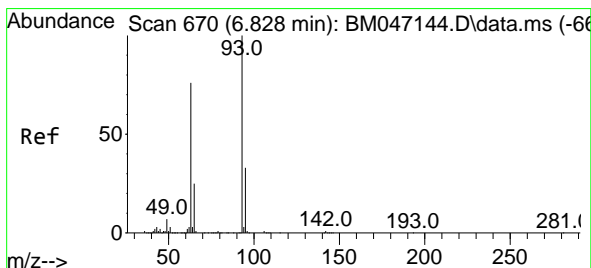
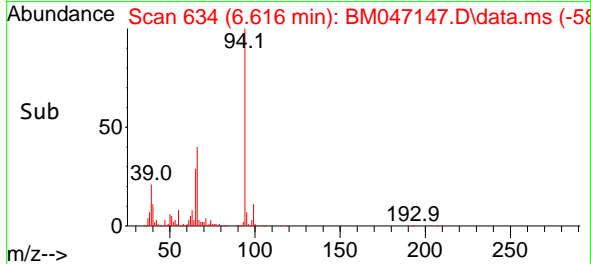
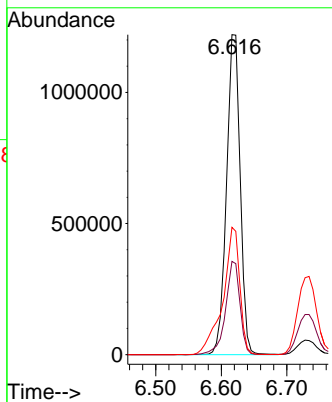
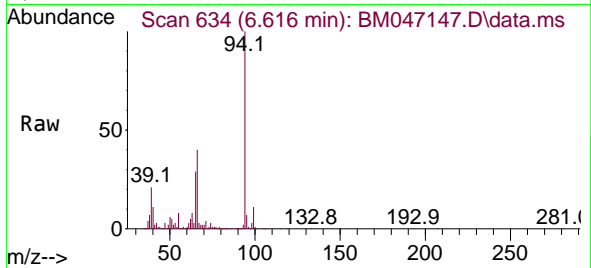


#10
 Phenol
 Concen: 75.529 ng
 RT: 6.616 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion: 94 Resp: 1769382

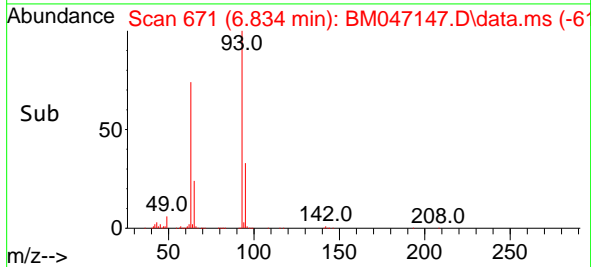
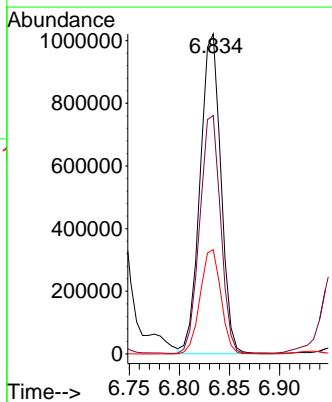
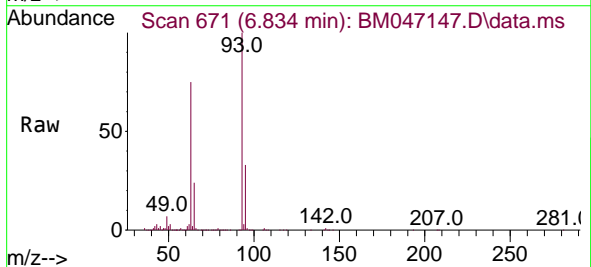
Ion	Ratio	Lower	Upper
94	100		
65	29.1	9.0	49.0
66	39.8	18.9	58.9

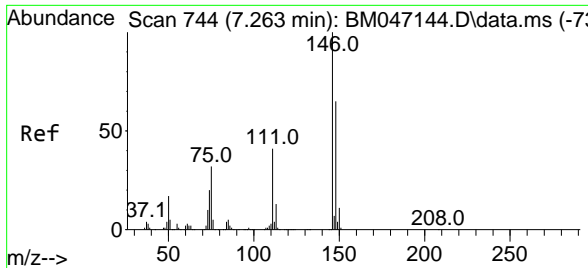


#11
 bis(2-Chloroethyl)ether
 Concen: 73.503 ng
 RT: 6.834 min Scan# 671
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion: 93 Resp: 1474612

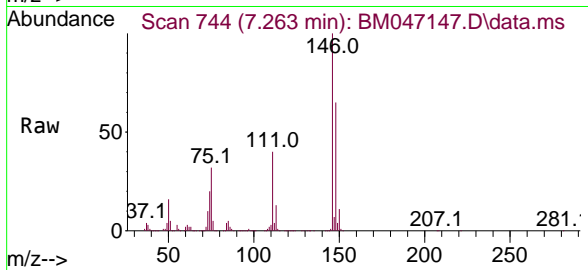
Ion	Ratio	Lower	Upper
93	100		
63	74.5	55.8	95.8
95	32.6	12.7	52.7





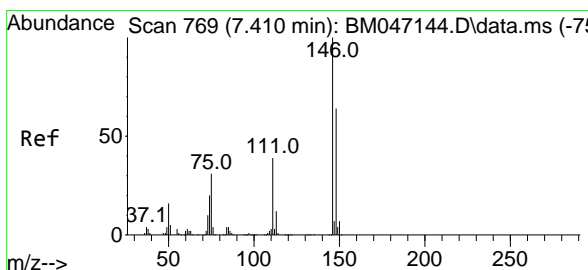
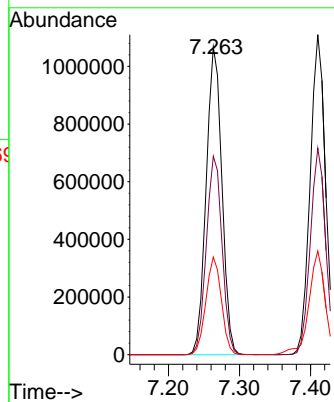
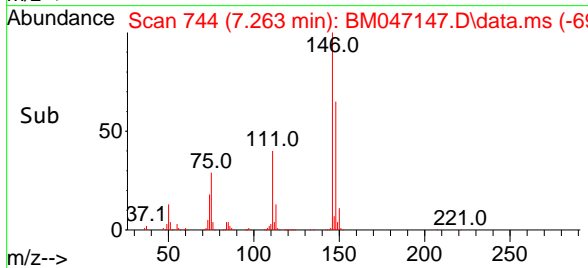
#12
 1,3-Dichlorobenzene
 Concen: 74.424 ng
 RT: 7.263 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument : BNA_M
 ClientSampleId : SSTDICC080

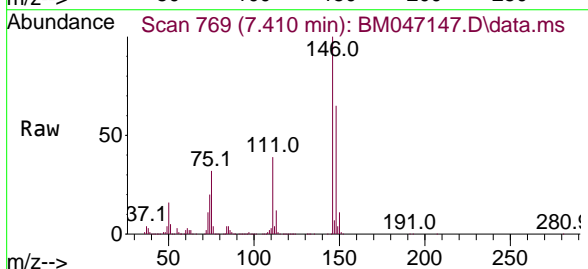


Tgt Ion:146 Resp: 1643503

Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.3	78.5
75	31.7	25.8	38.6

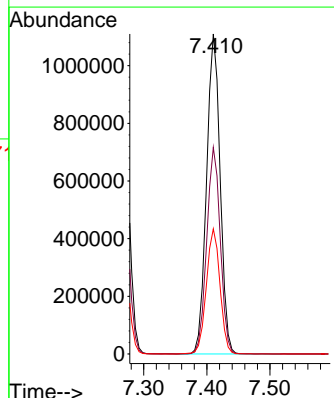
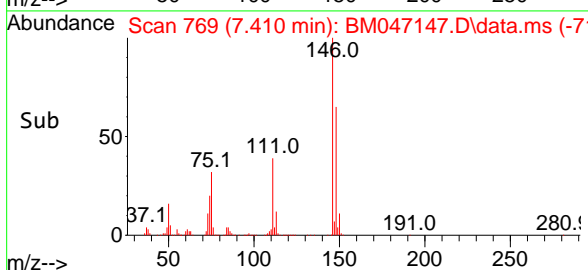


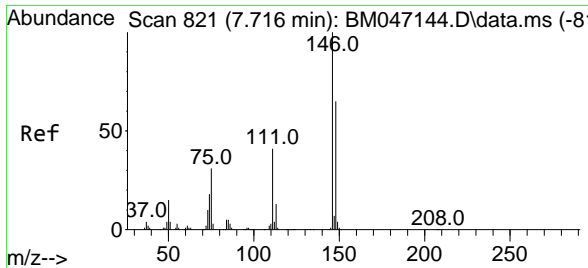
#13
 1,4-Dichlorobenzene
 Concen: 74.089 ng
 RT: 7.410 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51



Tgt Ion:146 Resp: 1656531

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	39.1	31.5	47.3



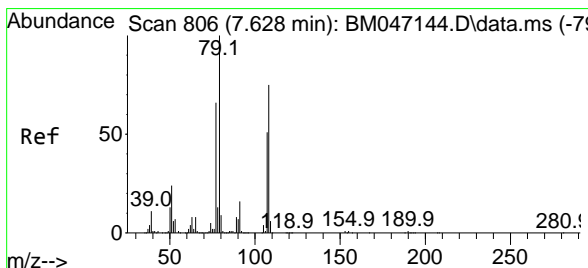
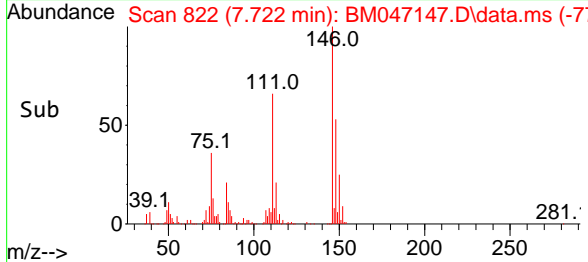
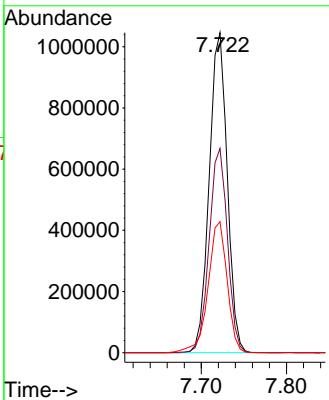
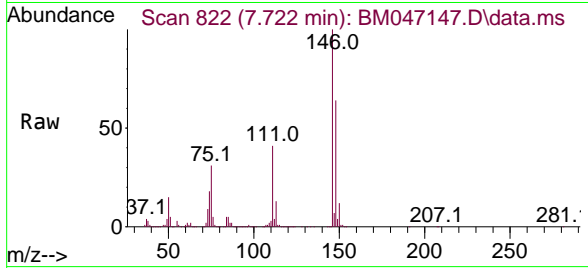


#14
 1,2-Dichlorobenzene
 Concen: 72.806 ng
 RT: 7.722 min Scan# 811
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument : BNA_M
 ClientSampleId : SSTDICC080

Tgt Ion:146 Resp: 1535913

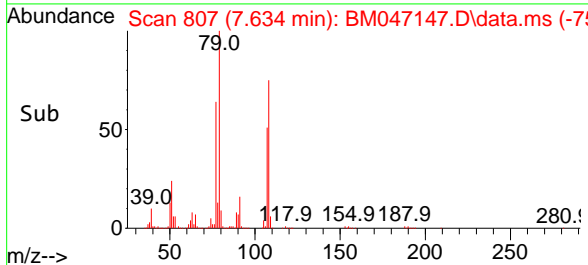
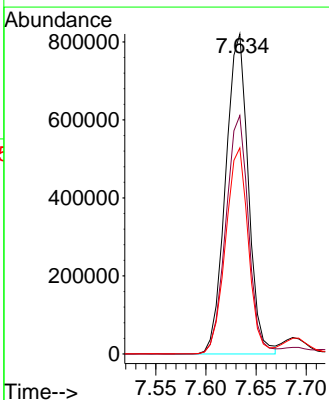
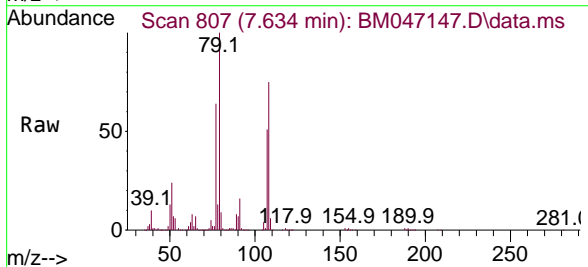
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
111	41.0	33.3	49.9

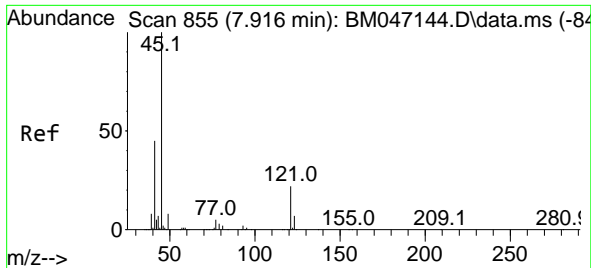


#15
 Benzyl Alcohol
 Concen: 77.443 ng
 RT: 7.634 min Scan# 807
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion: 79 Resp: 1293991

Ion	Ratio	Lower	Upper
79	100		
108	74.5	59.7	89.5
77	64.4	52.9	79.3



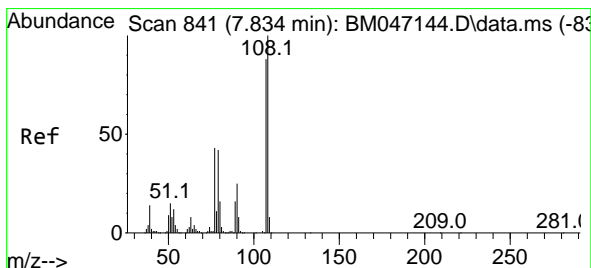
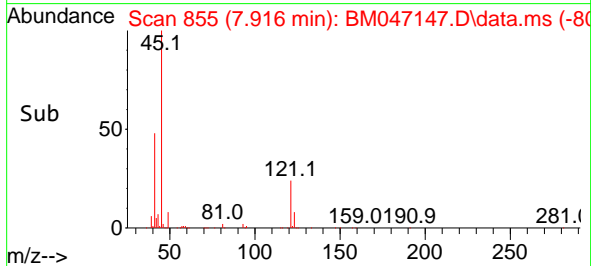
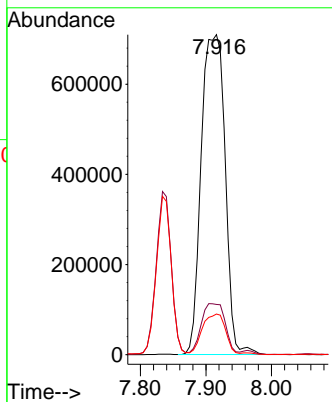
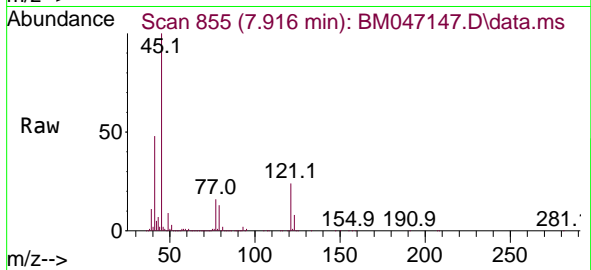


#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 69.769 ng
 RT: 7.916 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion: 45 Resp: 1798177

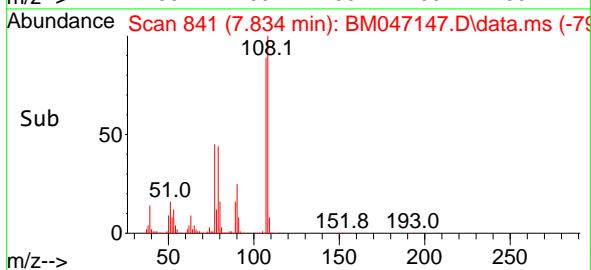
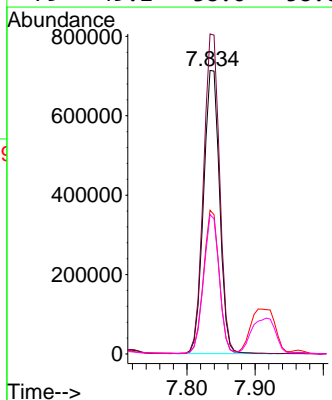
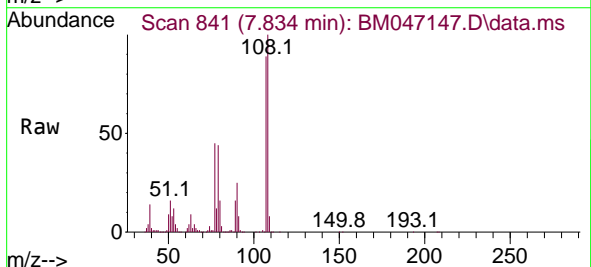
Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	35.6
79	12.7	0.0	32.4

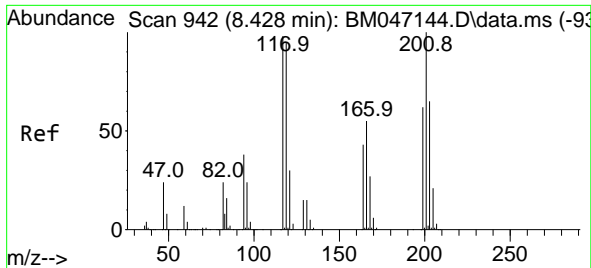


#17
 2-Methylphenol
 Concen: 74.722 ng
 RT: 7.834 min Scan# 841
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion: 107 Resp: 1167820

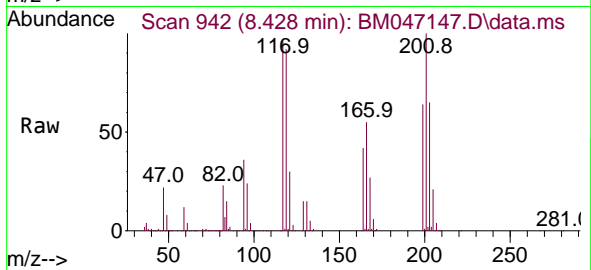
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.6	135.8
77	50.7	39.3	58.9
79	49.2	38.6	58.0





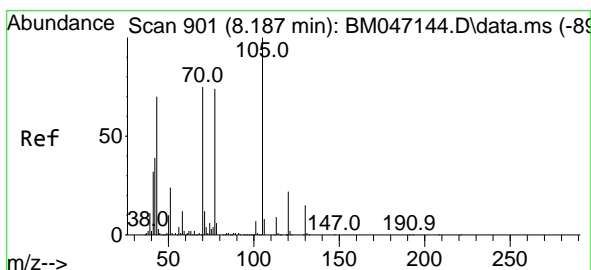
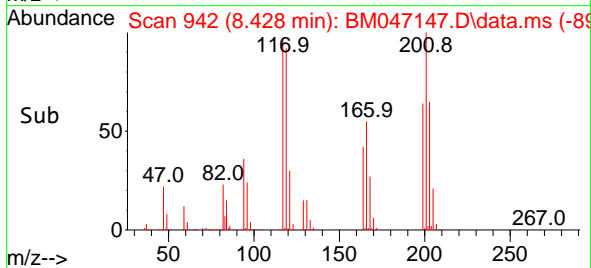
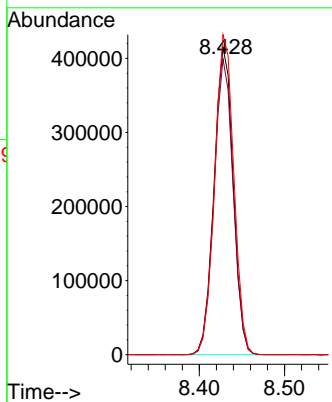
#18
 Hexachloroethane
 Concen: 75.015 ng
 RT: 8.428 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080



Tgt Ion:117 Resp: 649682

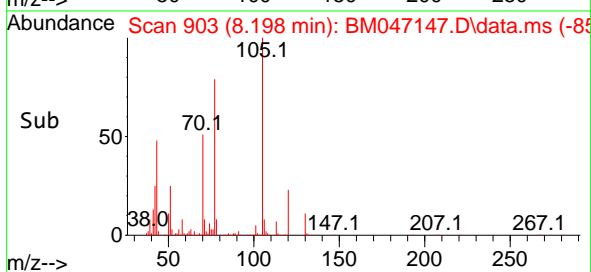
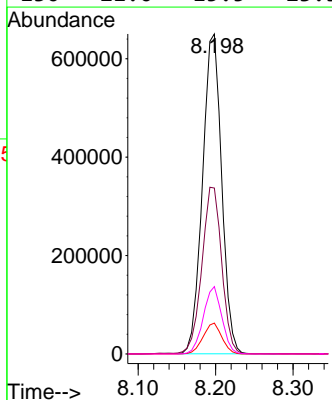
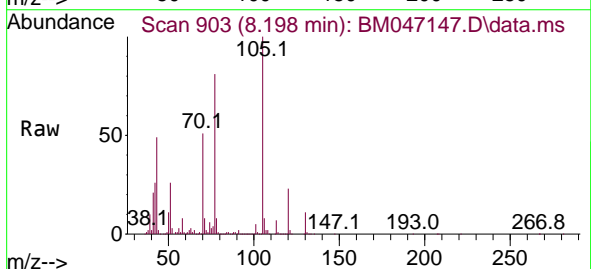
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.4
201	104.1	81.3	121.9

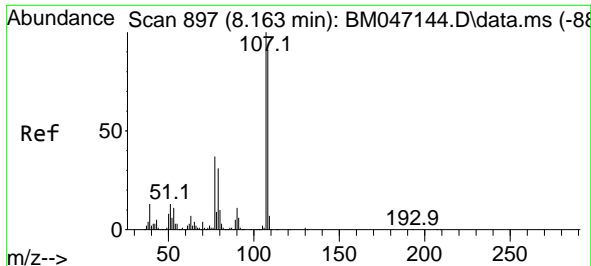


#19
 n-Nitroso-di-n-propylamine
 Concen: 70.505 ng
 RT: 8.198 min Scan# 903
 Delta R.T. 0.012 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion: 70 Resp: 1114969

Ion	Ratio	Lower	Upper
70	100		
42	51.9	42.0	63.0
101	9.6	7.2	10.8
130	21.0	15.5	23.3



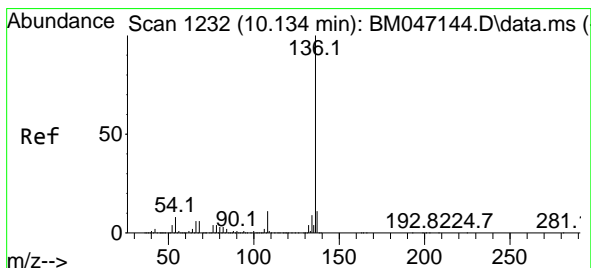
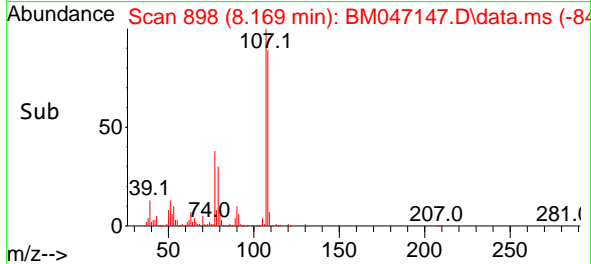
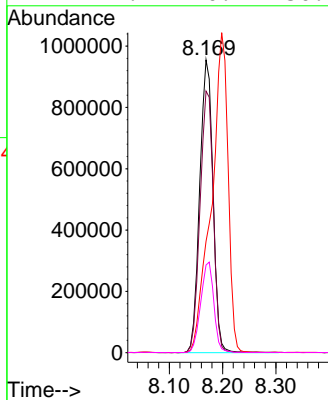
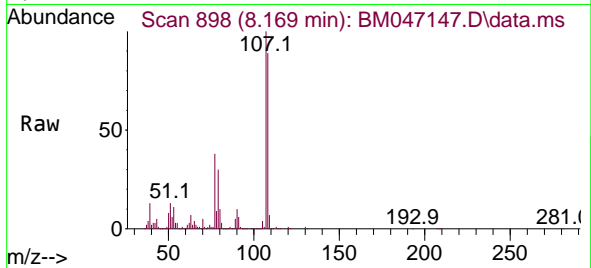


#20
 3+4-Methylphenols
 Concen: 75.366 ng
 RT: 8.169 min Scan# 897
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:107 Resp: 1646698

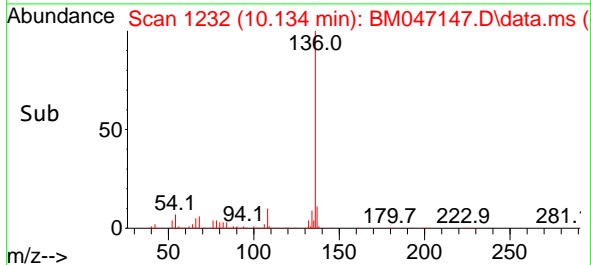
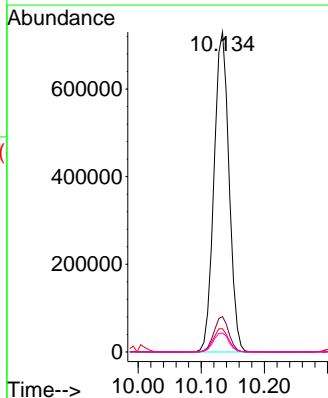
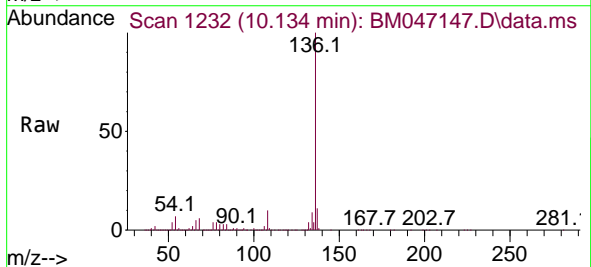
Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.7	110.7
77	38.0	17.4	57.4
79	29.9	10.9	50.9

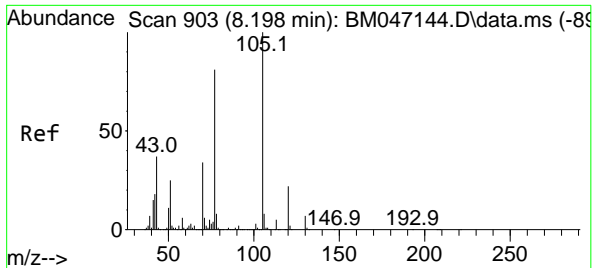


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.134 min Scan# 1232
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:136 Resp: 1204959

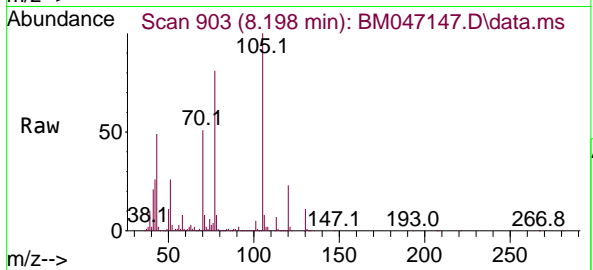
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.2	6.0	9.0
68	5.9	4.8	7.2





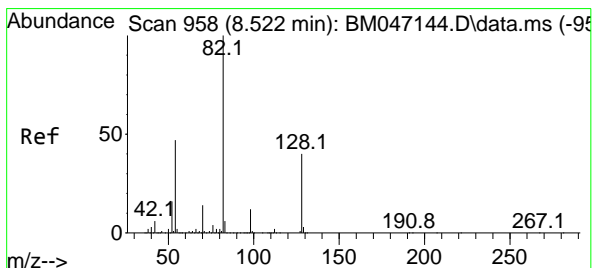
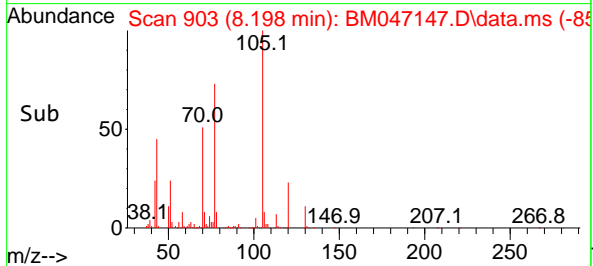
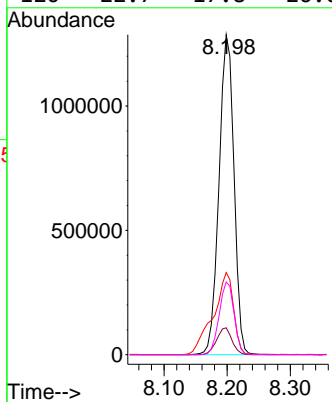
#22
 Acetophenone
 Concen: 73.033 ng
 RT: 8.198 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument : BNA_M
 Client Sample Id : SSTDICC080



Tgt Ion: 105 Resp: 2124216

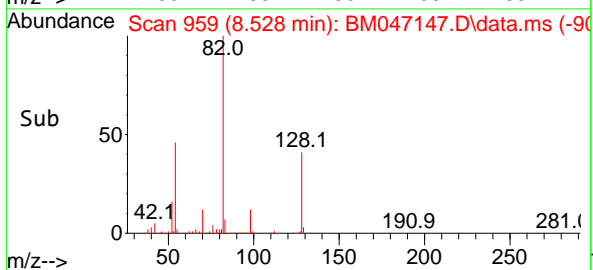
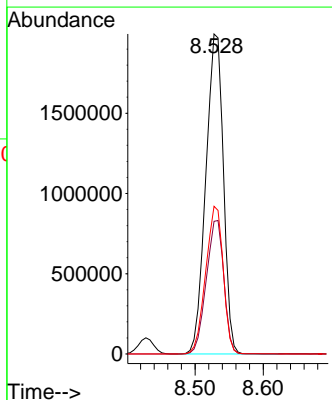
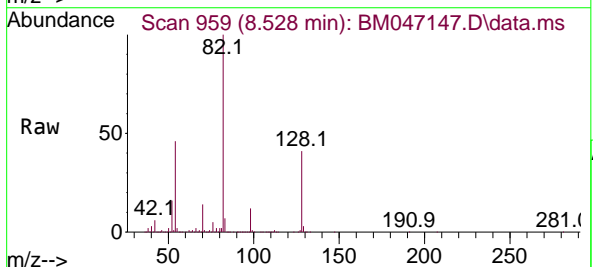
Ion	Ratio	Lower	Upper
105	100		
71	8.4	4.5	6.7#
51	25.6	20.1	30.1
120	22.7	17.8	26.6

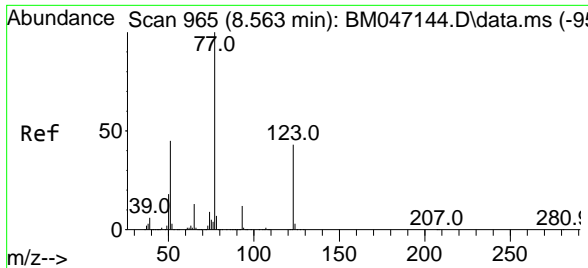


#23
 Nitrobenzene-d5
 Concen: 149.714 ng
 RT: 8.528 min Scan# 959
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion: 82 Resp: 3582678

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.3	48.5
54	46.1	37.4	56.2



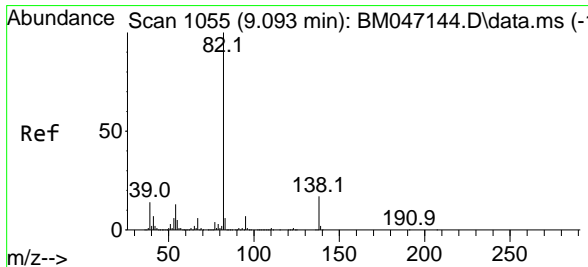
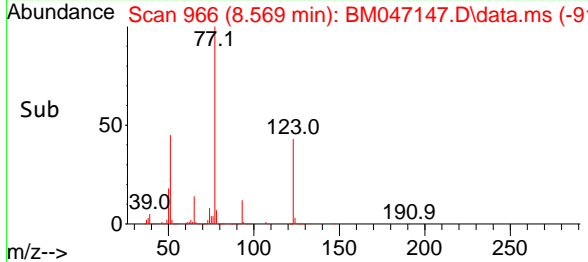
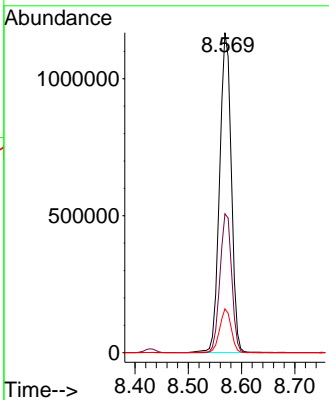
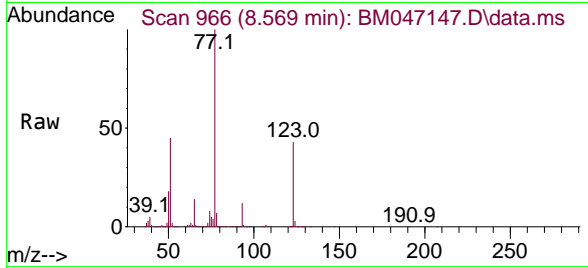


#24
Nitrobenzene
Concen: 73.781 ng
RT: 8.569 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM047147.D
Acq: 10 Aug 2024 17:51

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 1777843

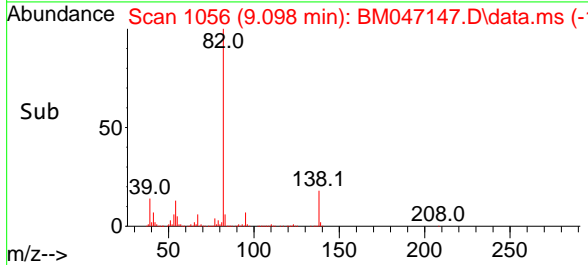
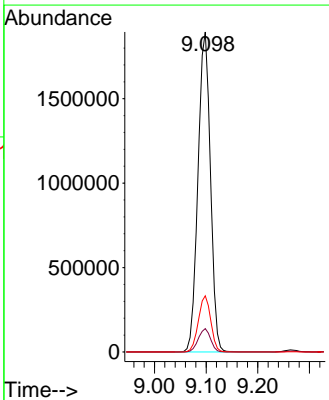
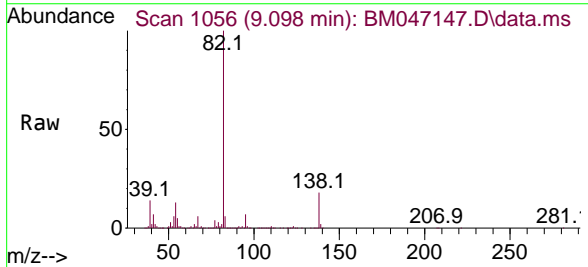
Ion	Ratio	Lower	Upper
77	100		
123	43.4	34.0	51.0
65	13.7	10.5	15.7

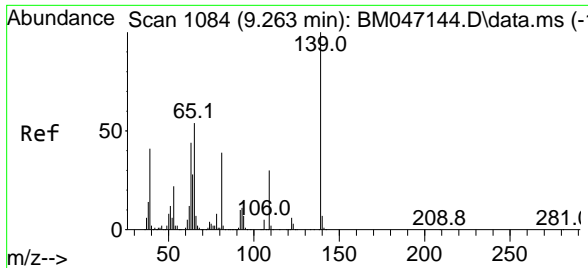


#25
Isophorone
Concen: 75.927 ng
RT: 9.098 min Scan# 1056
Delta R.T. 0.006 min
Lab File: BM047147.D
Acq: 10 Aug 2024 17:51

Tgt Ion: 82 Resp: 3163607

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.5	8.3
138	17.5	13.5	20.3



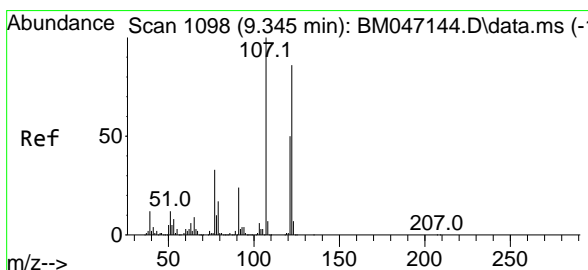
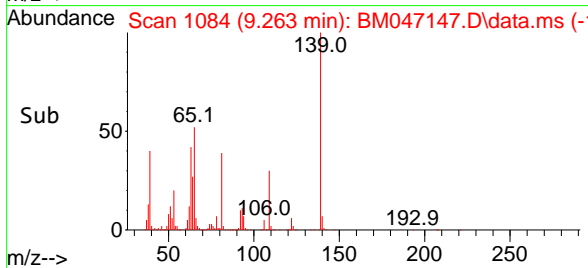
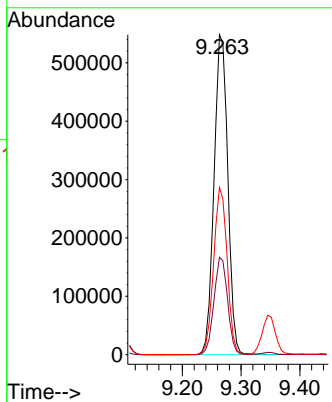
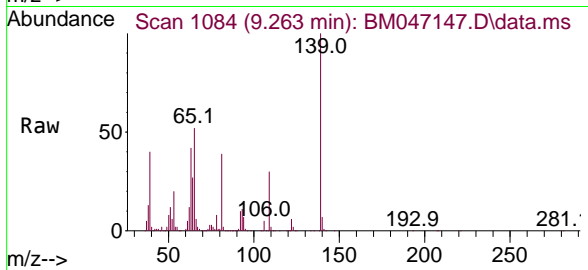


#26
 2-Nitrophenol
 Concen: 83.514 ng
 RT: 9.263 min Scan# 1084
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument : BNA_M
 ClientSampleId : SSTDICC080

Tgt Ion:139 Resp: 891212

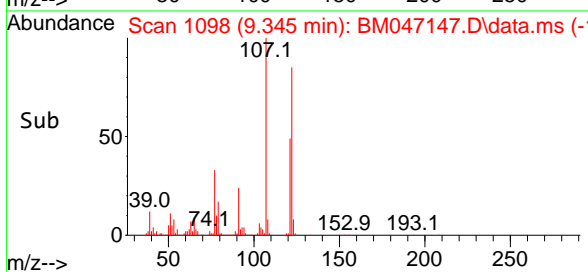
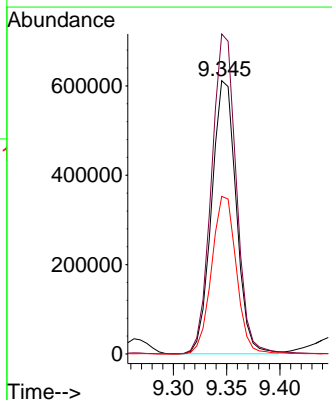
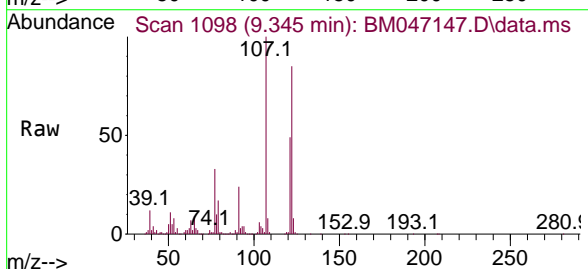
Ion	Ratio	Lower	Upper
139	100		
109	30.5	24.4	36.6
65	52.3	43.0	64.6

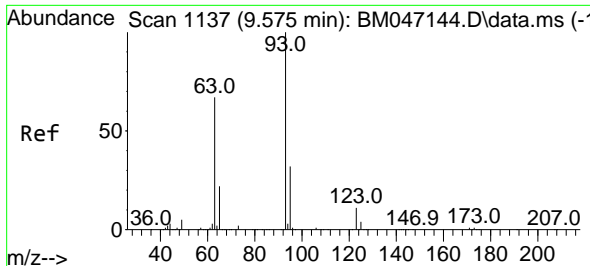


#27
 2,4-Dimethylphenol
 Concen: 78.514 ng
 RT: 9.345 min Scan# 1098
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:122 Resp: 981455

Ion	Ratio	Lower	Upper
122	100		
107	117.1	92.8	139.2
121	57.7	46.1	69.1





#28
 bis(2-Chloroethoxy)methane
 Concen: 72.808 ng
 RT: 9.581 min Scan# 1138
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

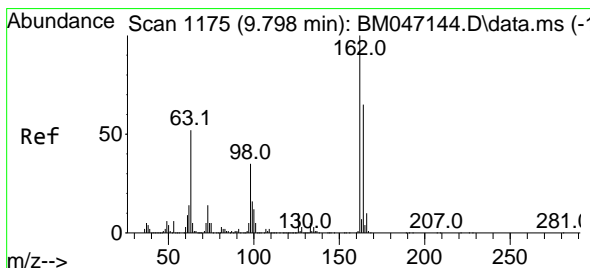
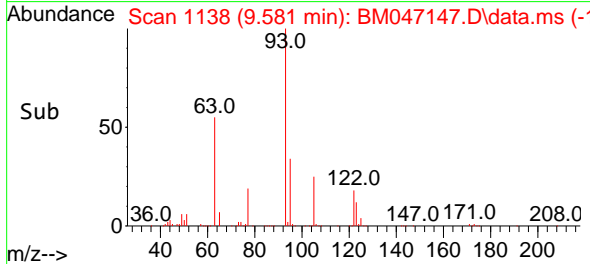
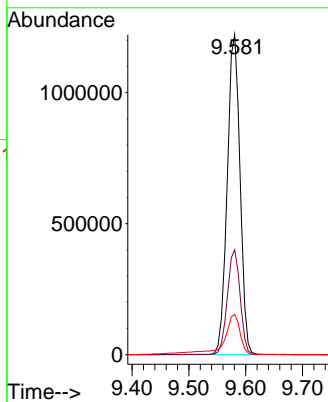
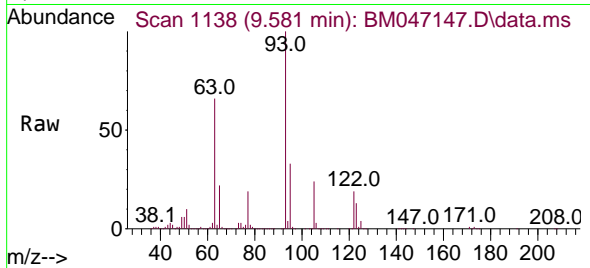
Instrument :

BNA_M

ClientSampleId :

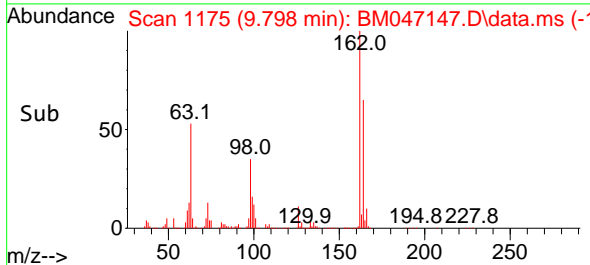
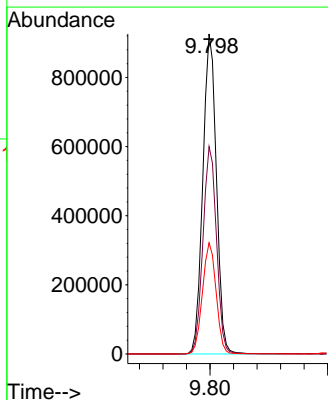
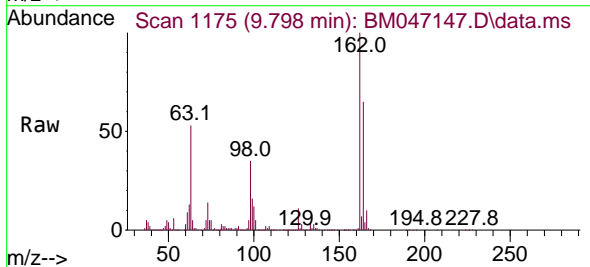
SSTDICC080

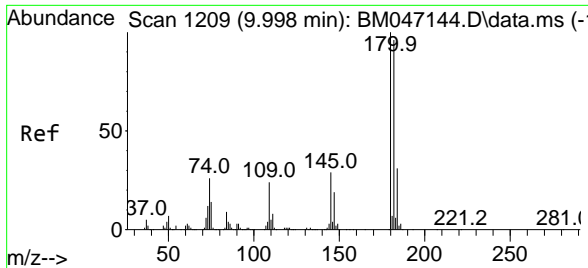
Tgt Ion: 93 Resp: 1908847
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.8 38.8
 123 12.6 9.0 13.4



#29
 2,4-Dichlorophenol
 Concen: 80.115 ng
 RT: 9.798 min Scan# 1175
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:162 Resp: 1485940
 Ion Ratio Lower Upper
 162 100
 164 64.8 44.7 84.7
 98 34.7 14.9 54.9





#30
 1,2,4-Trichlorobenzene
 Concen: 77.458 ng
 RT: 10.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

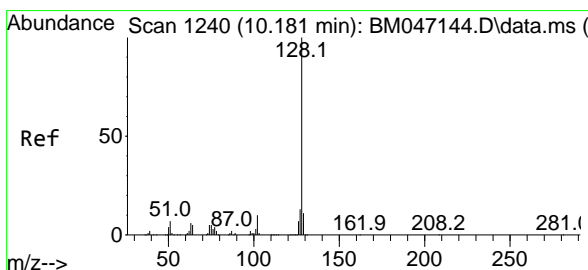
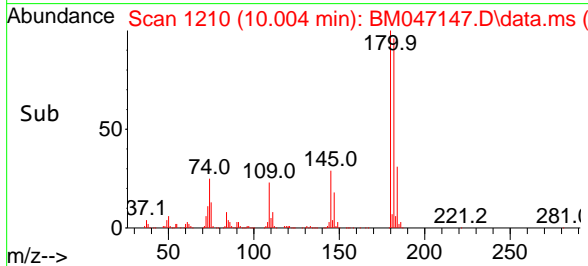
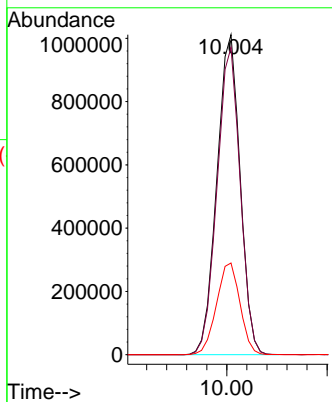
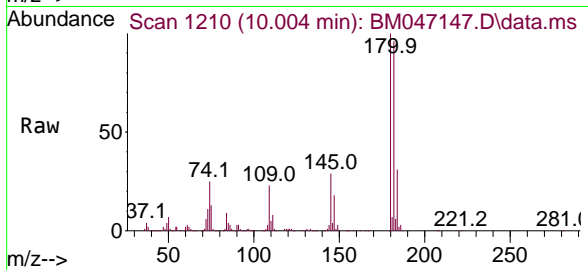
Instrument :

BNA_M

ClientSampleId :

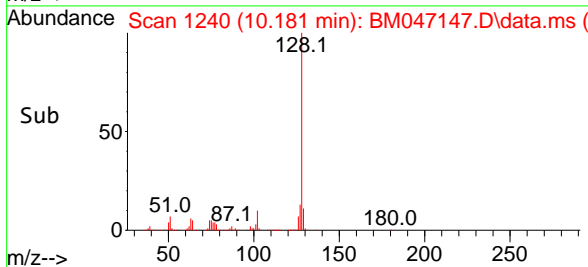
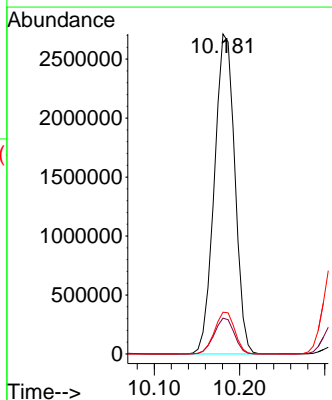
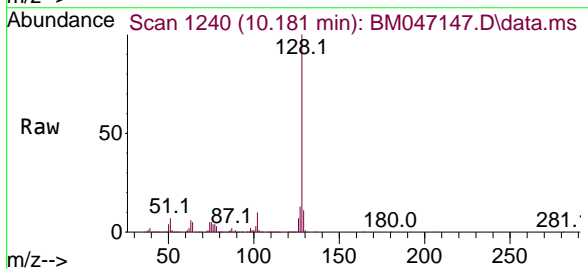
SSTDICC080

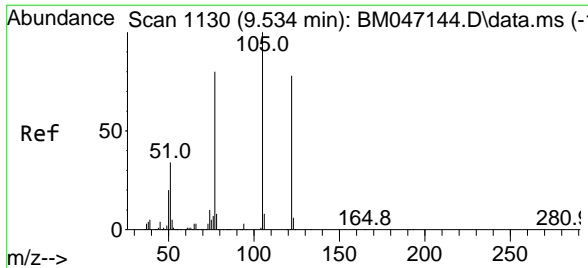
Tgt Ion:180 Resp: 1625842
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.6 115.0
 145 28.7 23.4 35.2



#31
 Naphthalene
 Concen: 75.304 ng
 RT: 10.181 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:128 Resp: 4520274
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.6 13.0
 127 13.0 10.2 15.4





#32
 Benzoic acid
 Concen: 88.571 ng
 RT: 9.575 min Scan# 1137
 Delta R.T. 0.041 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

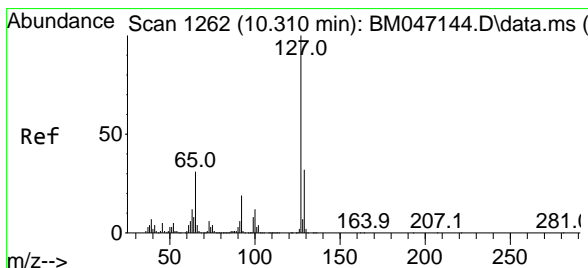
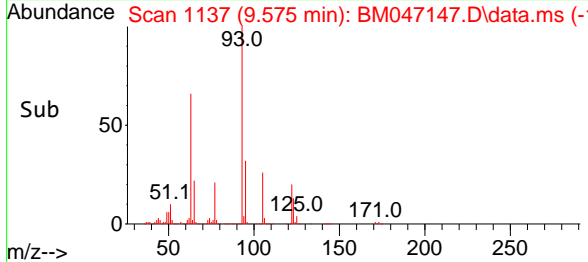
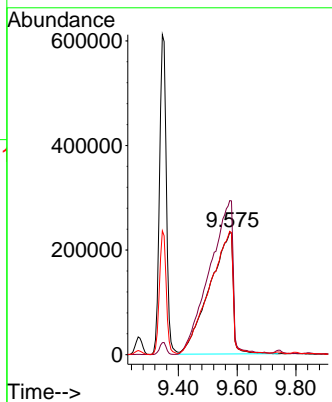
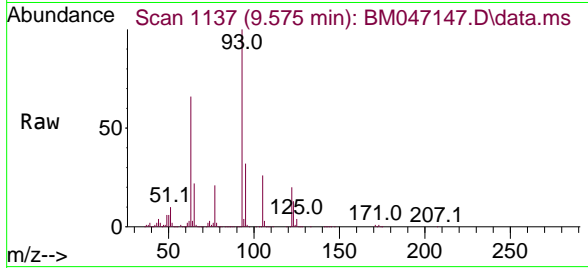
Instrument :

BNA_M

ClientSampleId :

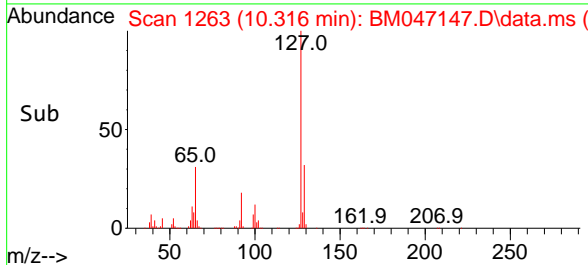
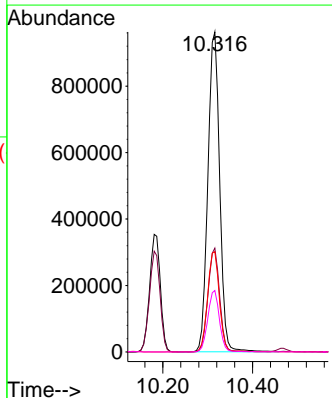
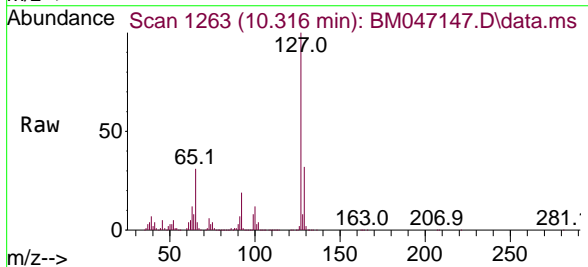
SSTDICC080

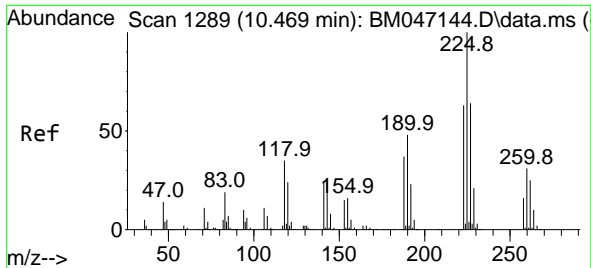
Tgt Ion:122 Resp: 1293498
 Ion Ratio Lower Upper
 122 100
 105 126.0 107.1 147.1
 77 100.9 82.1 122.1



#33
 4-Chloroaniline
 Concen: 75.970 ng
 RT: 10.316 min Scan# 1263
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:127 Resp: 1753660
 Ion Ratio Lower Upper
 127 100
 129 32.4 25.8 38.8
 65 31.4 24.9 37.3
 92 19.2 15.1 22.7



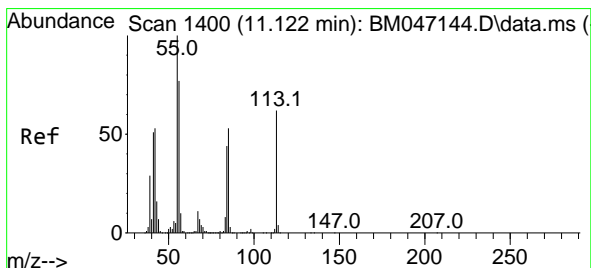
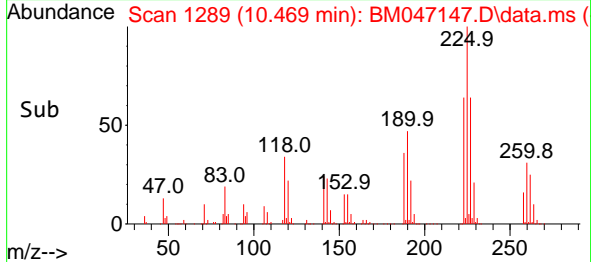
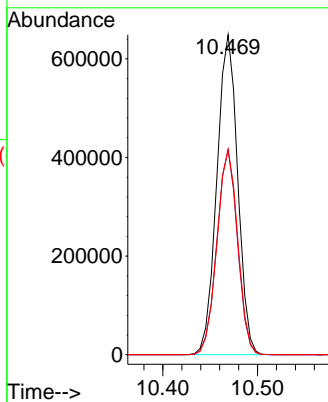
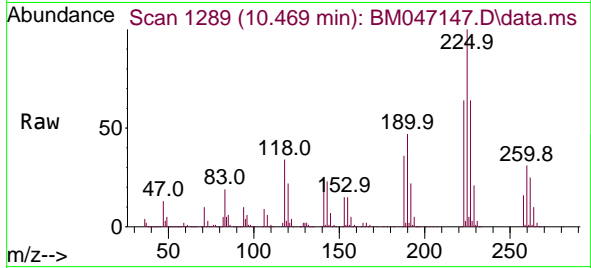


#34
 Hexachlorobutadiene
 Concen: 80.736 ng
 RT: 10.469 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:225 Resp: 991890

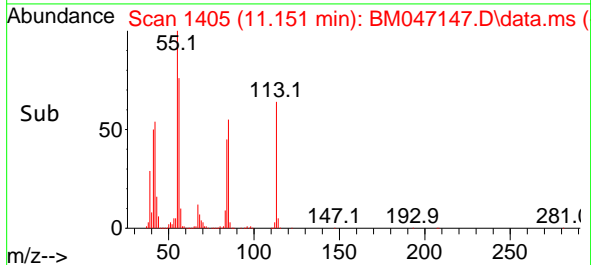
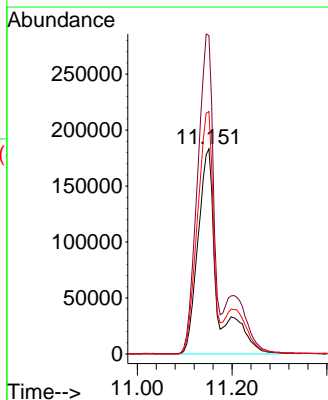
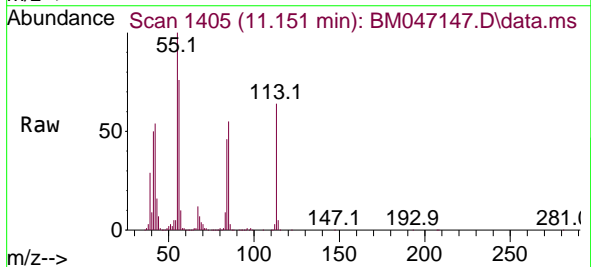
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.2	75.2
227	64.1	51.4	77.0

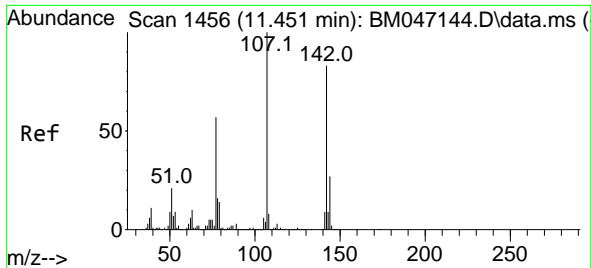


#35
 Caprolactam
 Concen: 81.288 ng m
 RT: 11.151 min Scan# 1405
 Delta R.T. 0.029 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:113 Resp: 523592

Ion	Ratio	Lower	Upper
113	100		
55	155.2	140.5	180.5
56	118.1	103.6	143.6



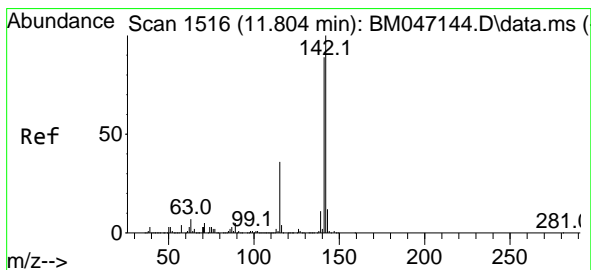
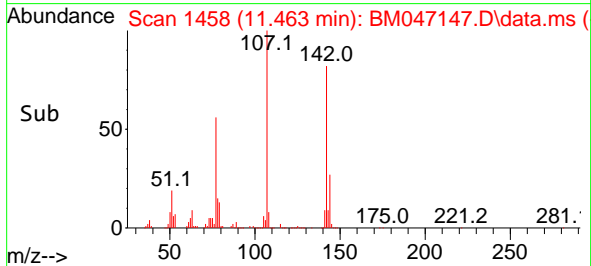
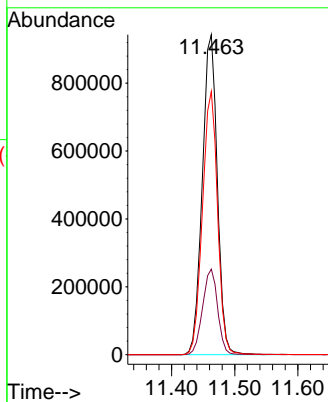
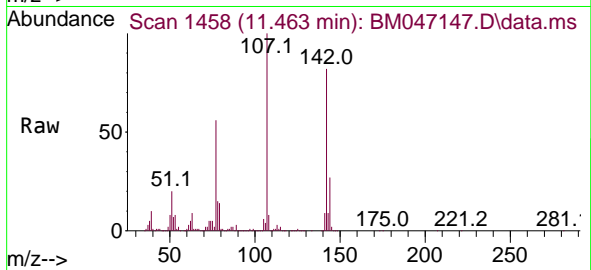


#36
 4-Chloro-3-methylphenol
 Concen: 78.951 ng
 RT: 11.463 min Scan# 1458
 Delta R.T. 0.012 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:107 Resp: 1559534

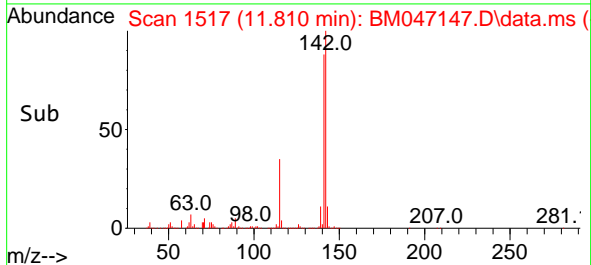
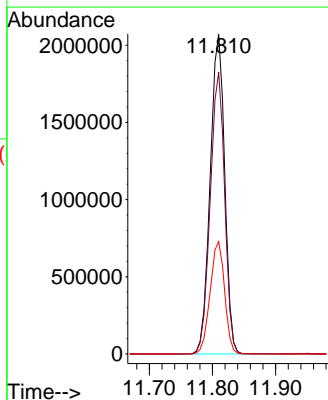
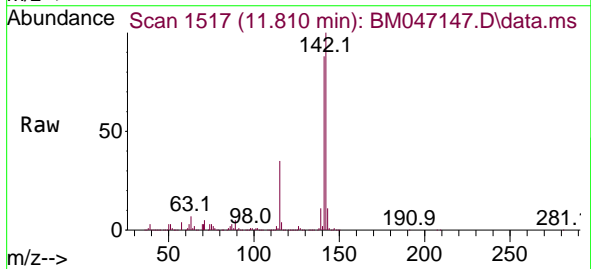
Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.8	32.6
142	82.3	66.8	100.2

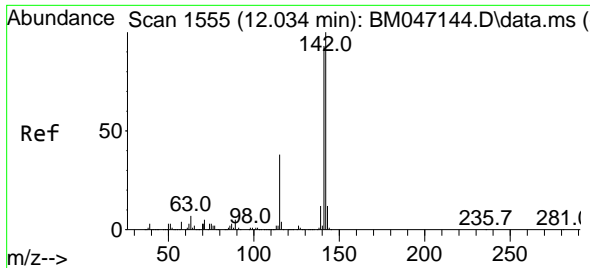


#37
 2-Methylnaphthalene
 Concen: 77.236 ng
 RT: 11.810 min Scan# 1517
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:142 Resp: 3301008

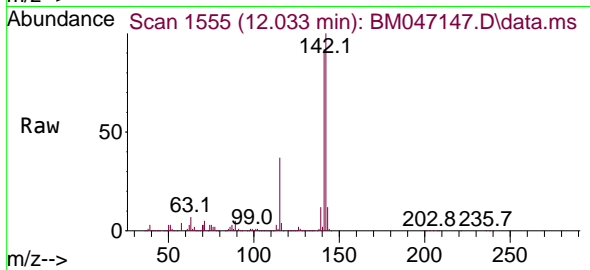
Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.9	106.3
115	35.1	28.7	43.1





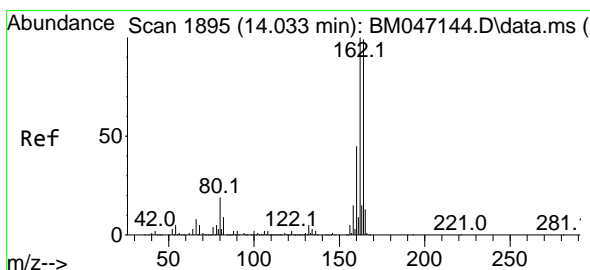
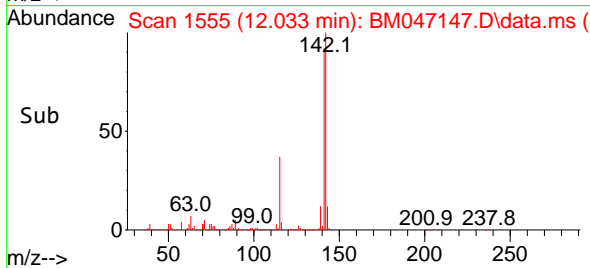
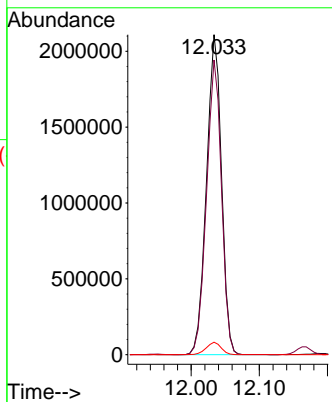
#38
 1-Methylnaphthalene
 Concen: 76.532 ng
 RT: 12.033 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument : BNA_M
 ClientSampleId : SSTDICC080



Tgt Ion:142 Resp: 3232647

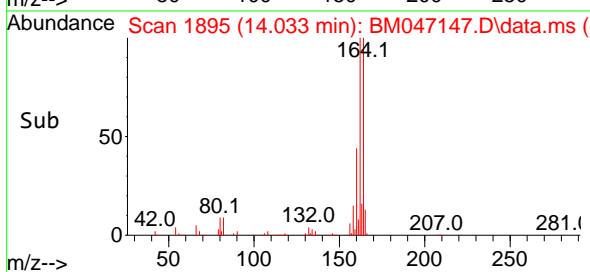
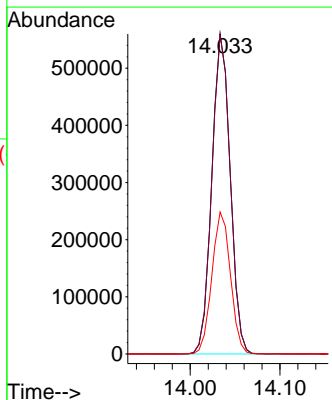
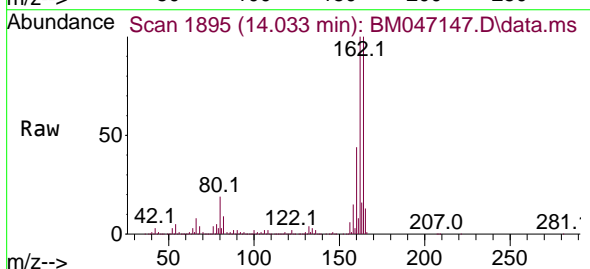
Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.6	111.8
116	3.9	3.1	4.7

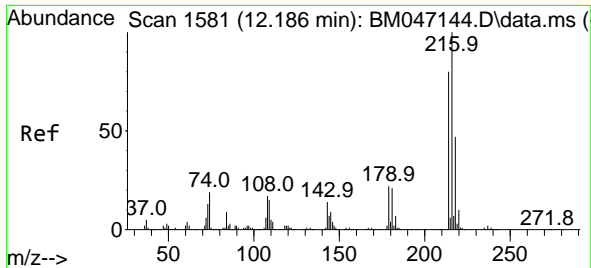


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.033 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:164 Resp: 795761

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.7	121.1
160	44.4	36.0	54.0



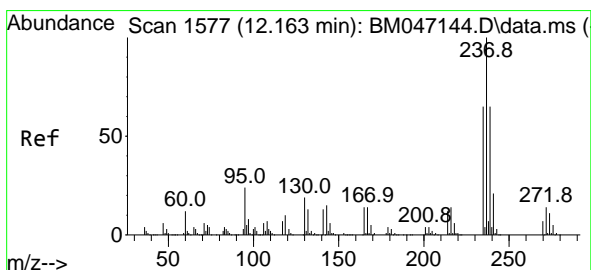
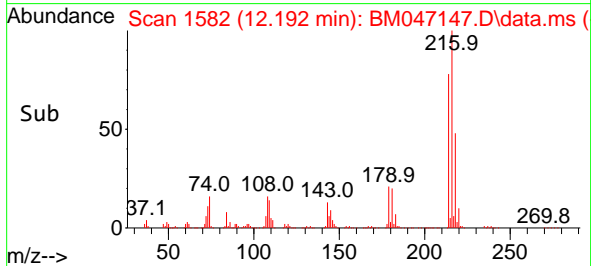
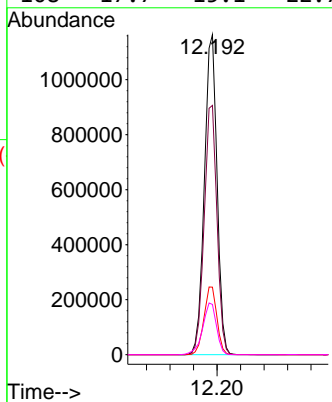
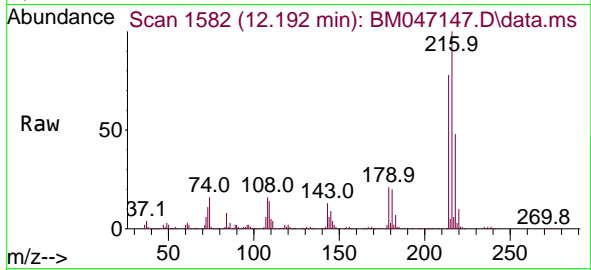


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 80.017 ng
 RT: 12.192 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:216 Resp: 1736758

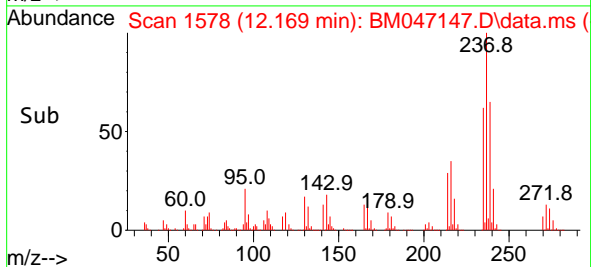
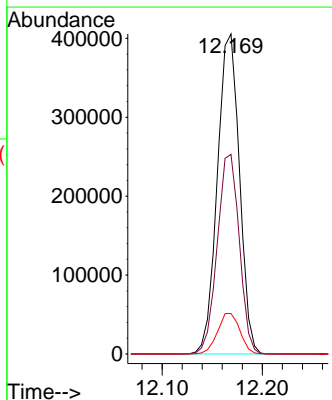
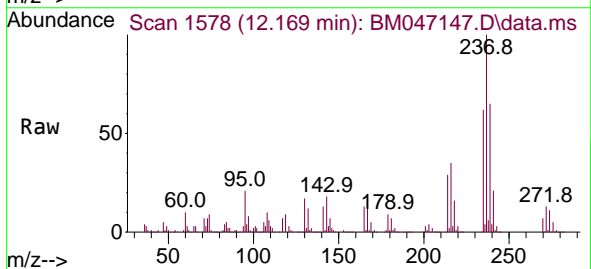
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	21.7	17.6	26.4
108	17.7	15.1	22.7

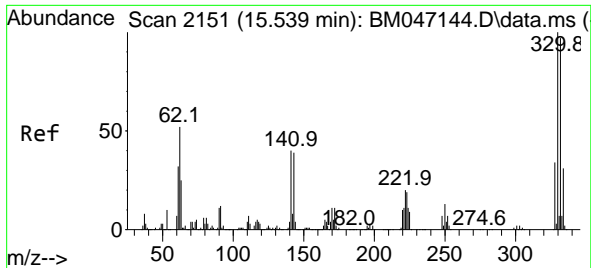


#41
 Hexachlorocyclopentadiene
 Concen: 81.830 ng
 RT: 12.169 min Scan# 1578
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:237 Resp: 620195

Ion	Ratio	Lower	Upper
237	100		
235	62.3	44.8	84.8
272	12.6	0.0	33.5

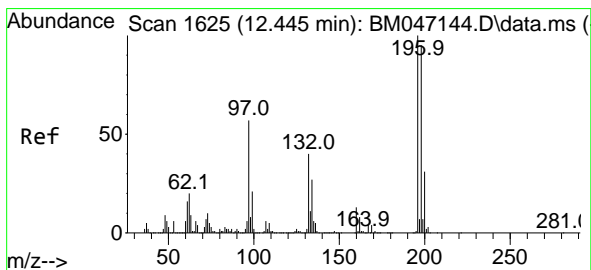
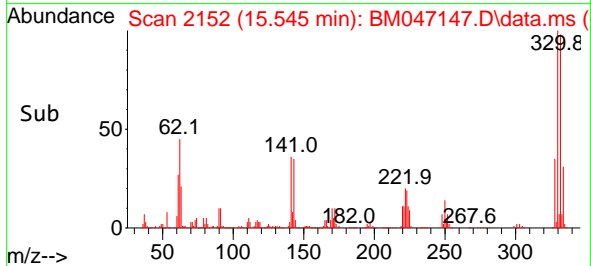
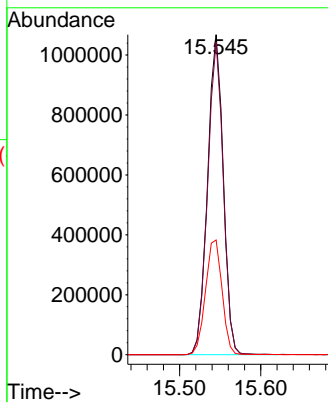
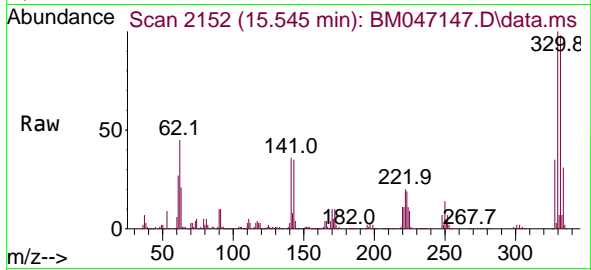




#42
 2,4,6-Tribromophenol
 Concen: 155.767 ng
 RT: 15.545 min Scan# 2152
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

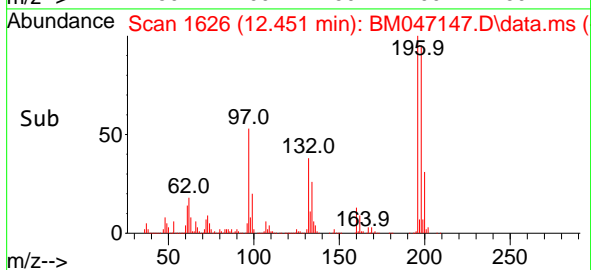
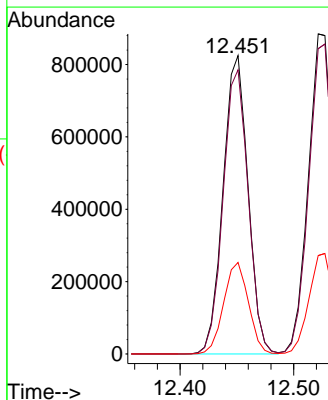
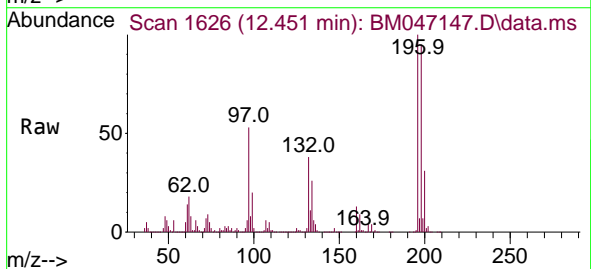
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

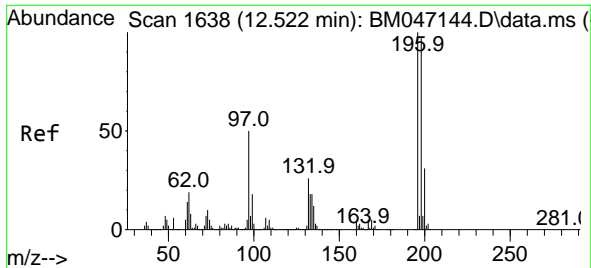
Tgt Ion:330 Resp: 1437262
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 37.8 31.6 47.4



#43
 2,4,6-Trichlorophenol
 Concen: 81.622 ng
 RT: 12.451 min Scan# 1626
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

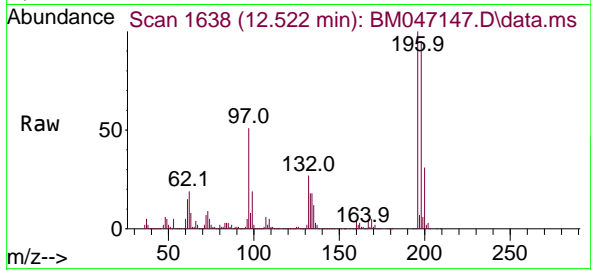
Tgt Ion:196 Resp: 1259185
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.6 113.4
 200 30.7 24.6 37.0





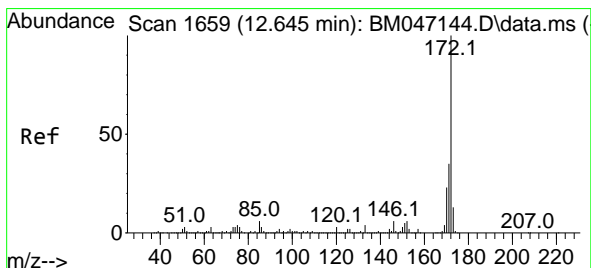
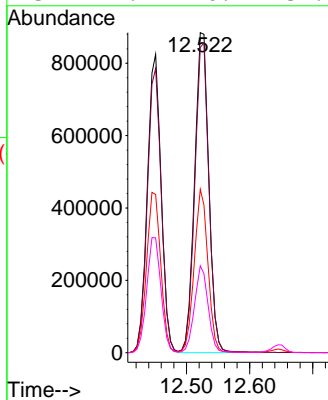
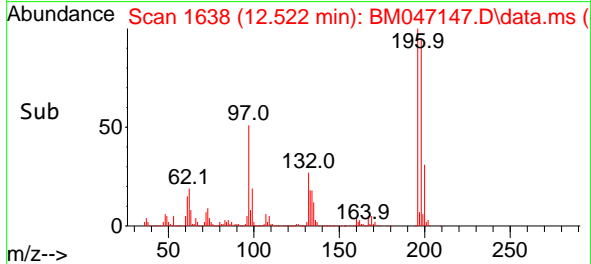
#44
 2,4,5-Trichlorophenol
 Concen: 80.776 ng
 RT: 12.522 min Scan# 1638
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument : BNA_M
 ClientSampleId : SSTDICC080

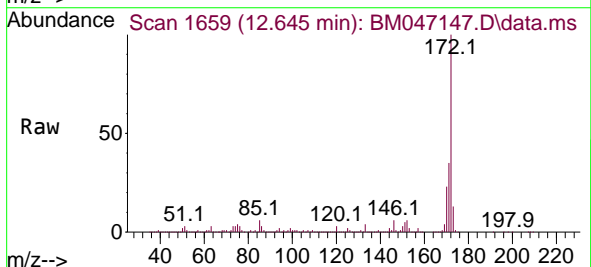


Tgt Ion:196 Resp: 1383585

Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.7	116.5
97	51.0	39.8	59.8
132	27.2	20.7	31.1

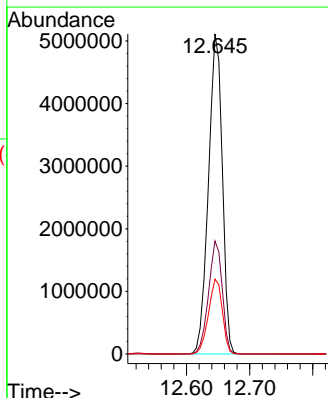
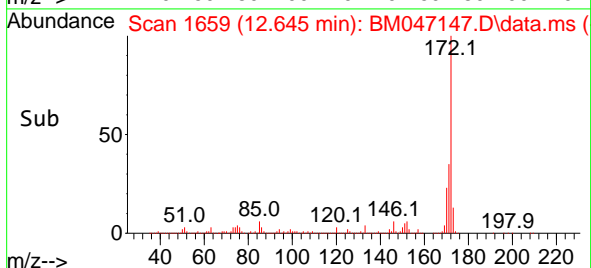


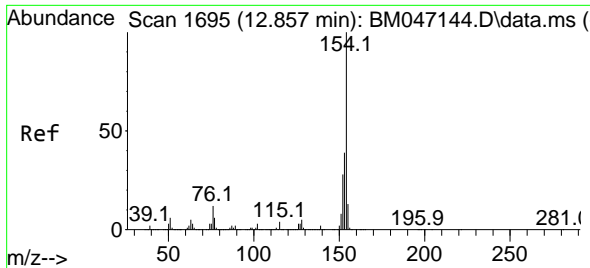
#45
 2-Fluorobiphenyl
 Concen: 150.612 ng
 RT: 12.645 min Scan# 1659
 Delta R.T. 0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51



Tgt Ion:172 Resp: 7769782

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	23.4	18.7	28.1



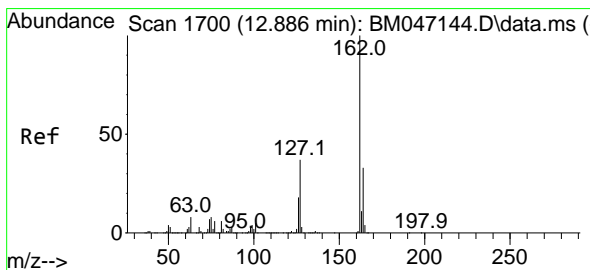
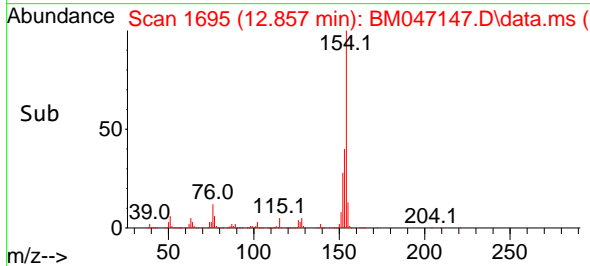
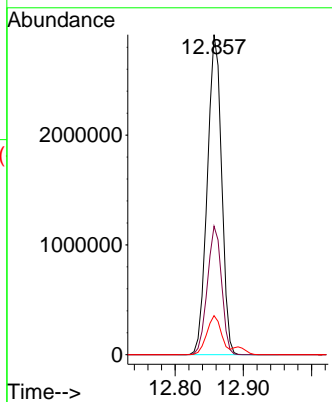
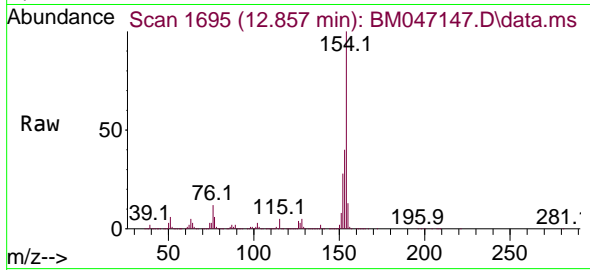


#46
 1,1'-Biphenyl
 Concen: 74.866 ng
 RT: 12.857 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:154 Resp: 4241252

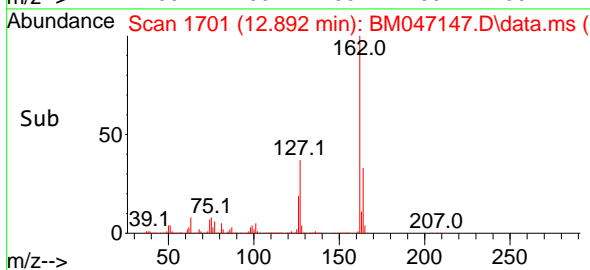
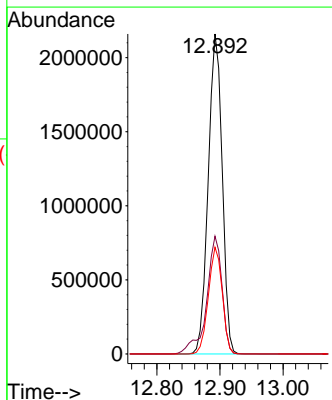
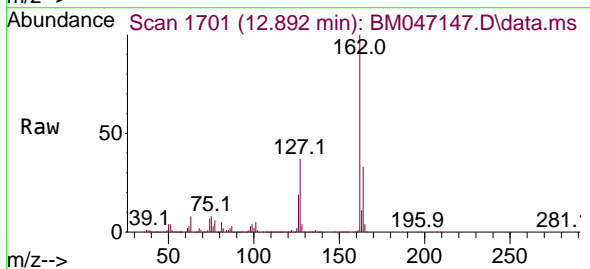
Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.0	59.0
76	12.2	0.0	31.9

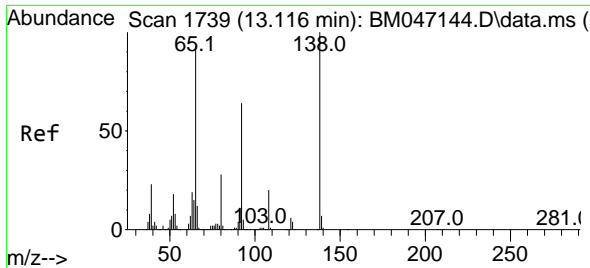


#47
 2-Chloronaphthalene
 Concen: 74.960 ng
 RT: 12.892 min Scan# 1701
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:162 Resp: 3319138

Ion	Ratio	Lower	Upper
162	100		
127	36.8	30.0	45.0
164	33.4	26.3	39.5



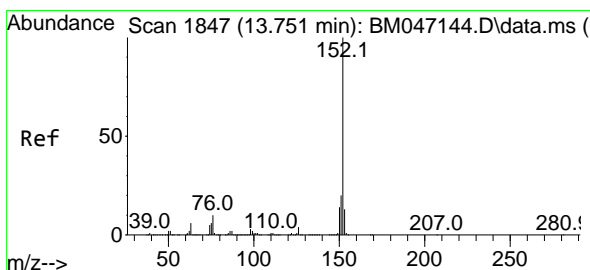
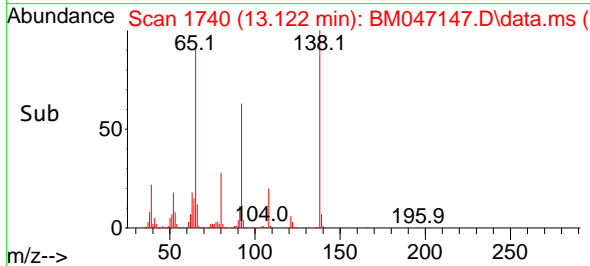
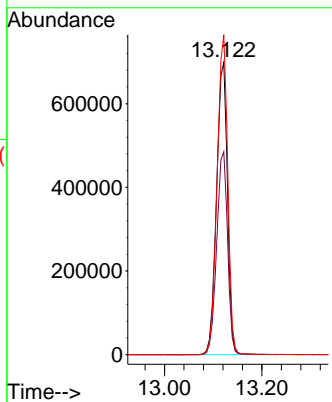
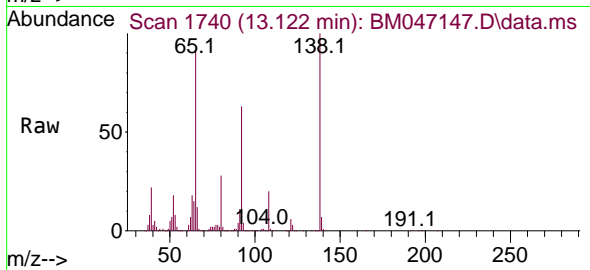


#48
 2-Nitroaniline
 Concen: 78.614 ng
 RT: 13.122 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument : BNA_M
 ClientSampleId : SSTDICC080

Tgt Ion: 65 Resp: 1090521

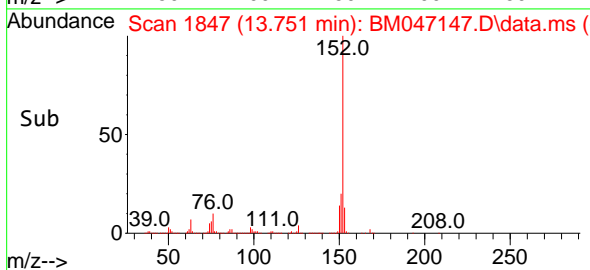
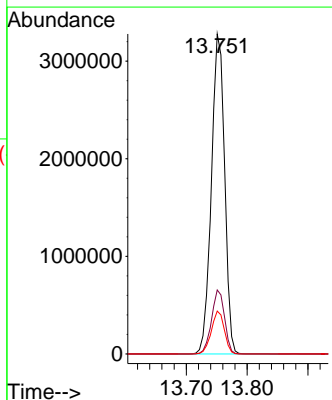
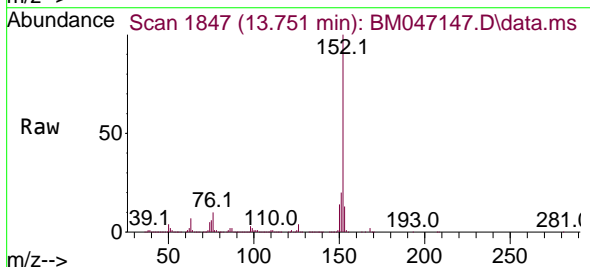
Ion	Ratio	Lower	Upper
65	100		
92	69.4	55.1	82.7
138	109.5	85.9	128.9

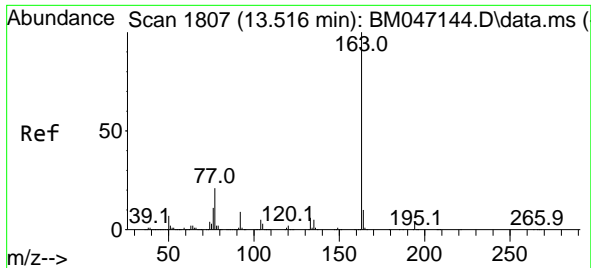


#49
 Acenaphthylene
 Concen: 75.775 ng
 RT: 13.751 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion: 152 Resp: 4945706

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.4	10.4	15.6



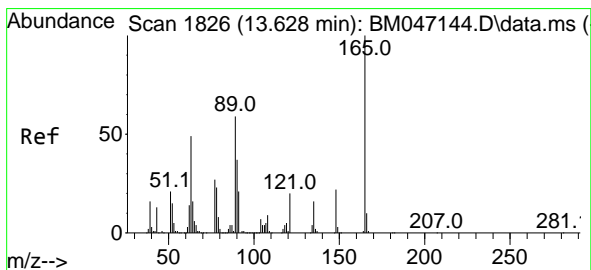
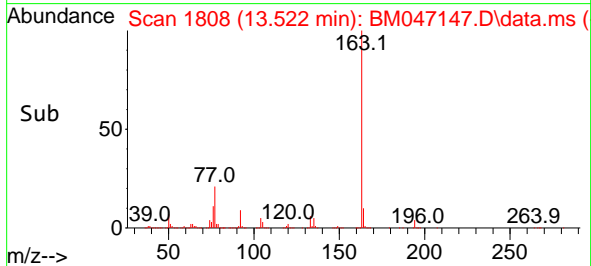
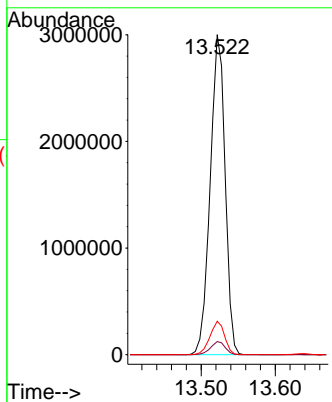
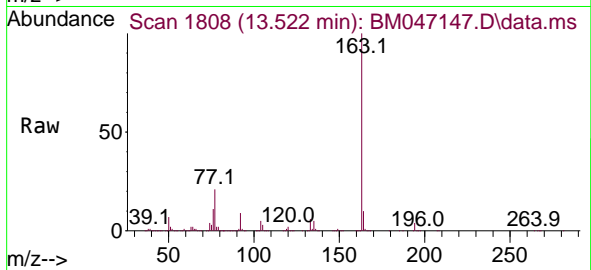


#50
 Dimethylphthalate
 Concen: 75.503 ng
 RT: 13.522 min Scan# 1808
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument : BNA_M
 ClientSampleId : SSTDICC080

Tgt Ion:163 Resp: 4196226

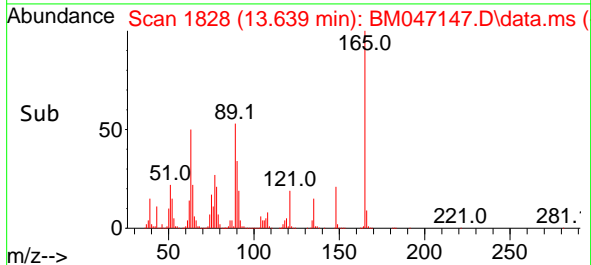
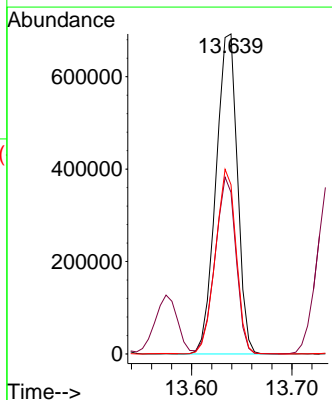
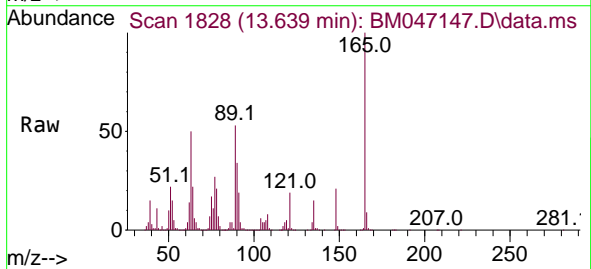
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.4	8.0	12.0

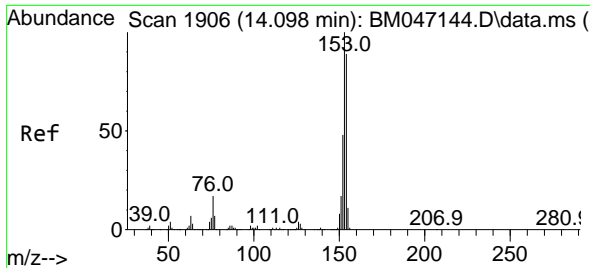


#51
 2,6-Dinitrotoluene
 Concen: 79.128 ng
 RT: 13.639 min Scan# 1828
 Delta R.T. 0.012 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:165 Resp: 1028020

Ion	Ratio	Lower	Upper
165	100		
63	50.5	46.5	69.7
89	52.9	47.3	70.9



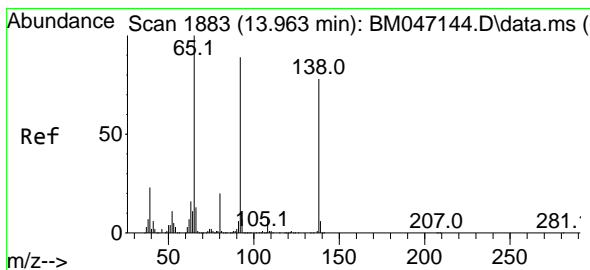
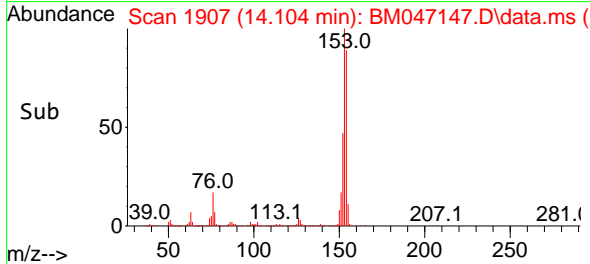
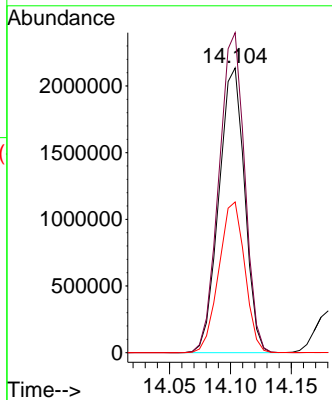
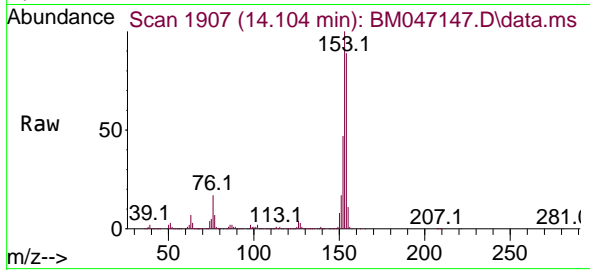


#52
 Acenaphthene
 Concen: 75.941 ng
 RT: 14.104 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument : BNA_M
 ClientSampleId : SSTDICC080

Tgt Ion:154 Resp: 3144083

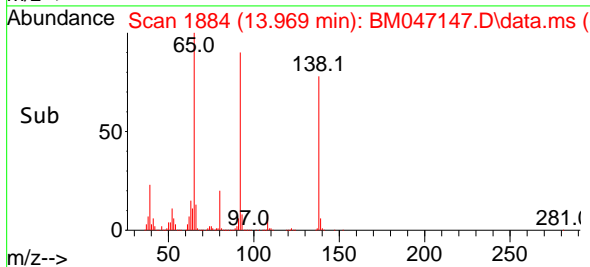
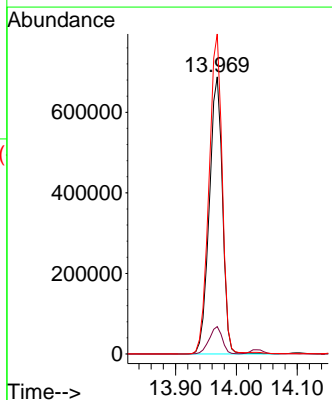
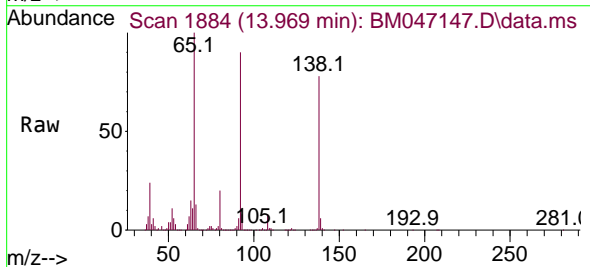
Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.3	135.5
152	52.9	42.9	64.3

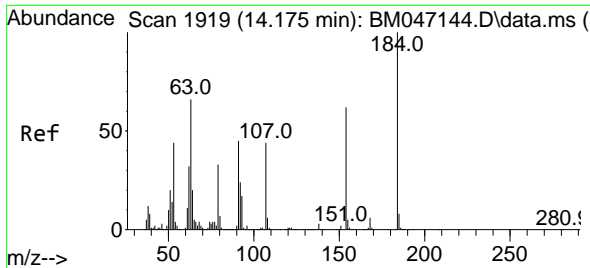


#53
 3-Nitroaniline
 Concen: 79.468 ng
 RT: 13.969 min Scan# 1884
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:138 Resp: 1034545

Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	115.5	92.0	138.0



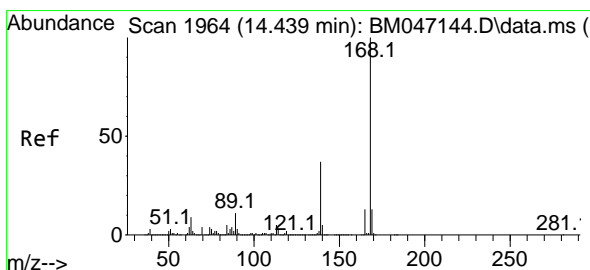
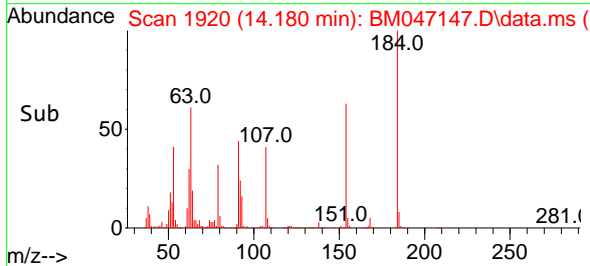
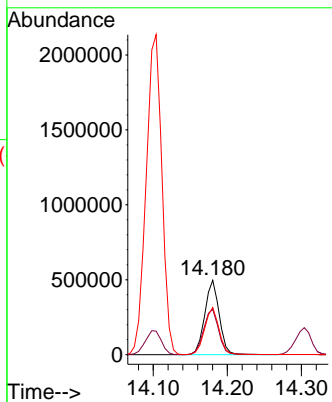
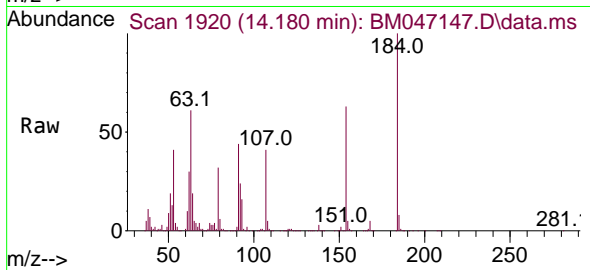


#54
 2,4-Dinitrophenol
 Concen: 86.639 ng
 RT: 14.180 min Scan# 1919
 Delta R.T. 0.005 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:184 Resp: 674624

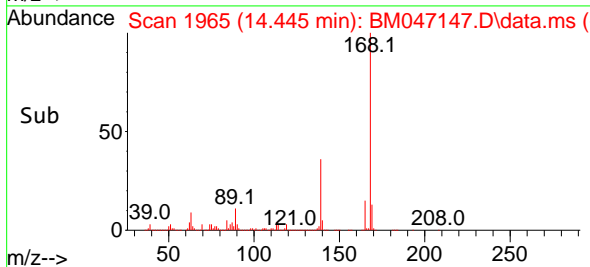
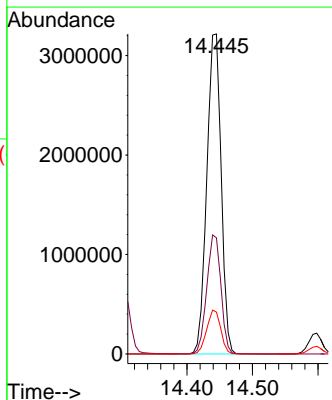
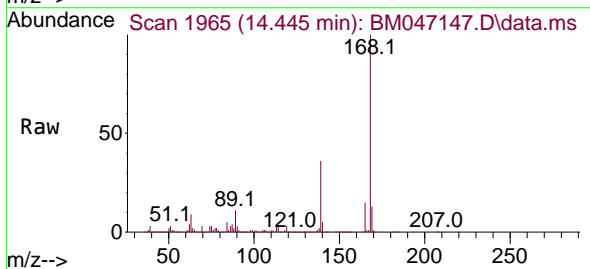
Ion	Ratio	Lower	Upper
184	100		
63	60.8	52.7	79.1
154	63.4	50.4	75.6

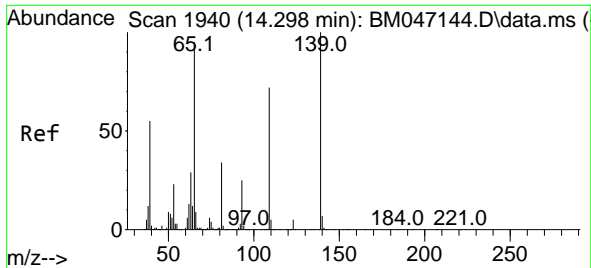


#55
 Dibenzofuran
 Concen: 74.735 ng
 RT: 14.445 min Scan# 1965
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:168 Resp: 4887362

Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.6	44.4
169	13.1	10.7	16.1



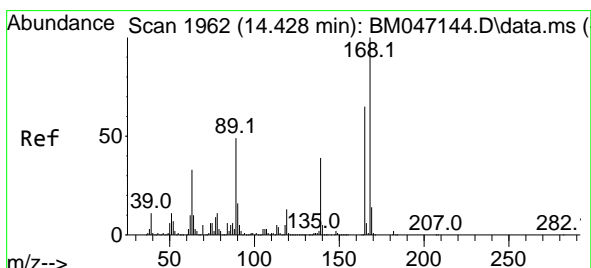
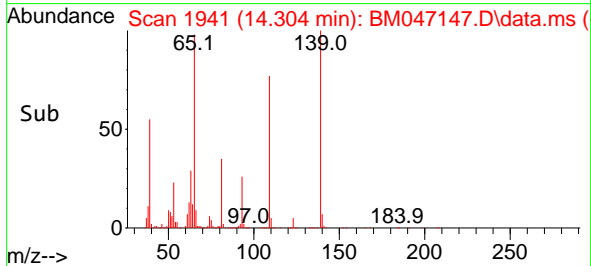
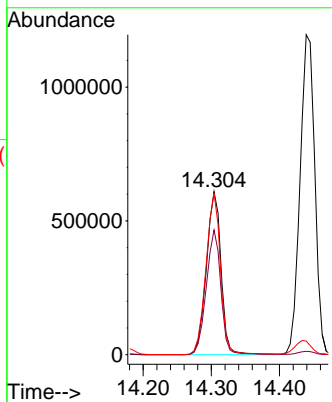
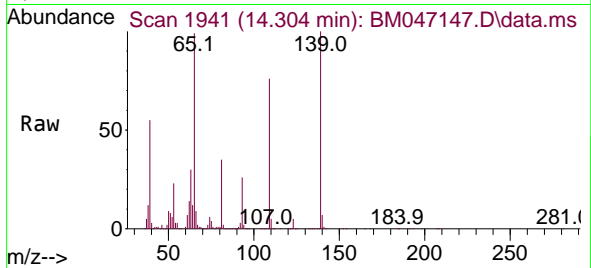


#56
 4-Nitrophenol
 Concen: 81.334 ng
 RT: 14.304 min Scan# 1941
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:139 Resp: 913035

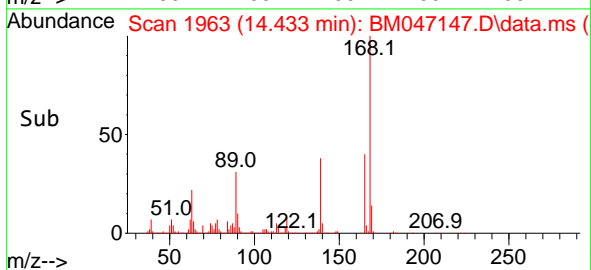
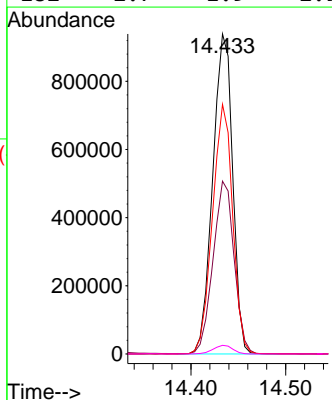
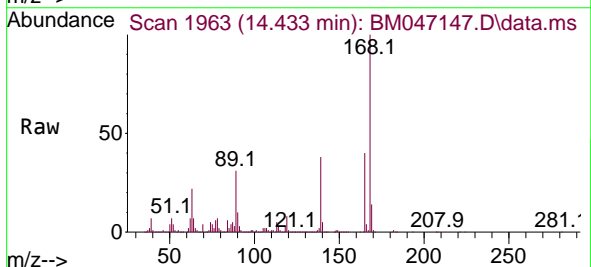
Ion	Ratio	Lower	Upper
139	100		
109	76.5	52.5	92.5
65	99.0	75.4	115.4

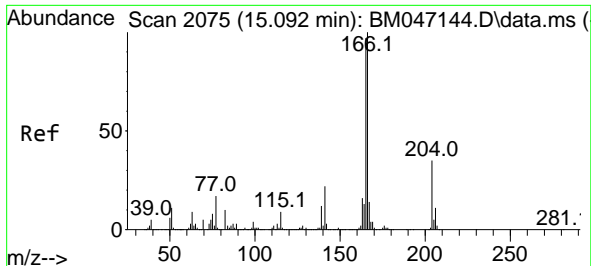


#57
 2,4-Dinitrotoluene
 Concen: 79.012 ng
 RT: 14.433 min Scan# 1963
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:165 Resp: 1370129

Ion	Ratio	Lower	Upper
165	100		
63	54.0	40.3	60.5
89	78.0	61.0	91.6
182	2.7	1.9	2.9



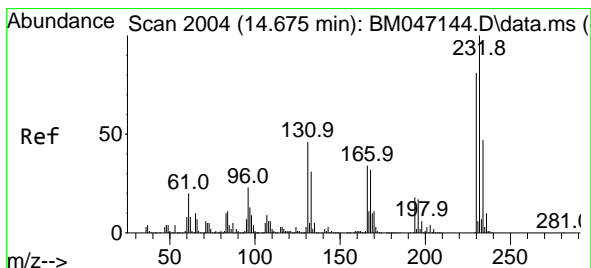
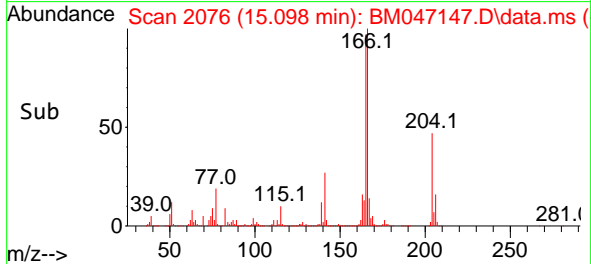
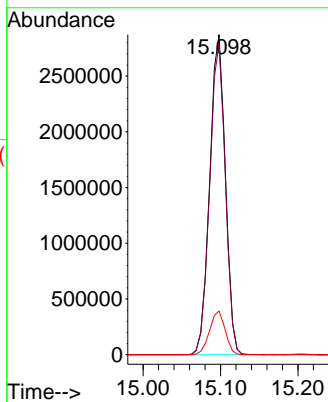
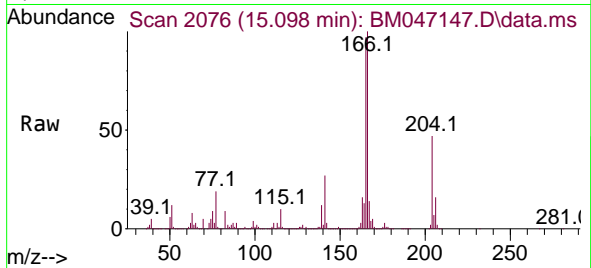


#58
 Fluorene
 Concen: 74.602 ng
 RT: 15.098 min Scan# 2076
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:166 Resp: 4025459

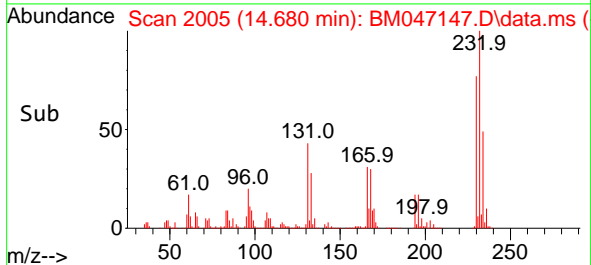
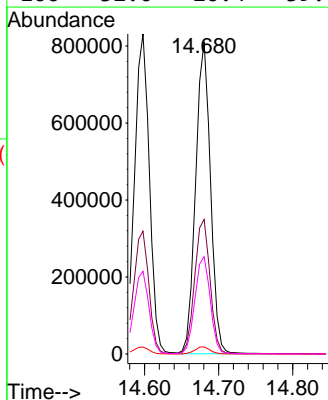
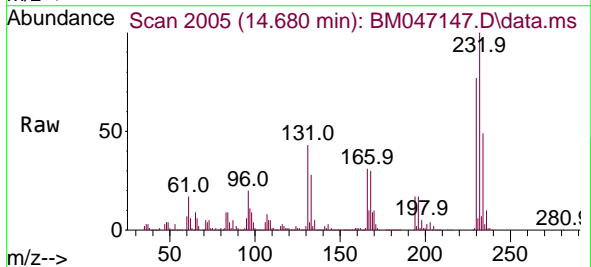
Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.4	116.0
167	13.7	11.0	16.6

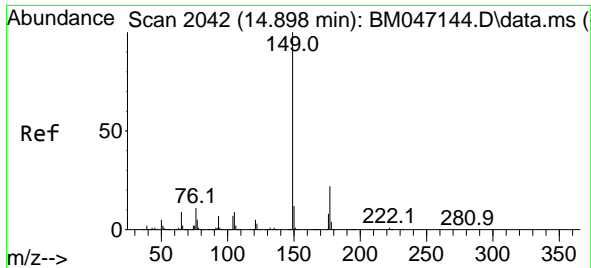


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 80.180 ng
 RT: 14.680 min Scan# 2005
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:232 Resp: 1128723

Ion	Ratio	Lower	Upper
232	100		
131	44.8	36.9	55.3
130	2.3	2.0	3.0
166	32.0	26.4	39.6



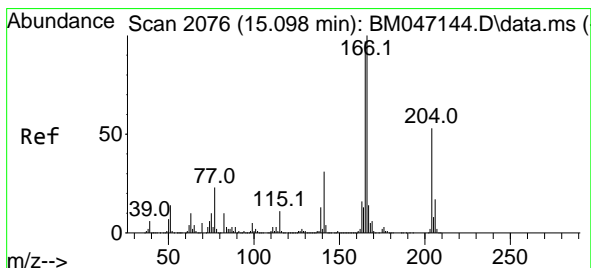
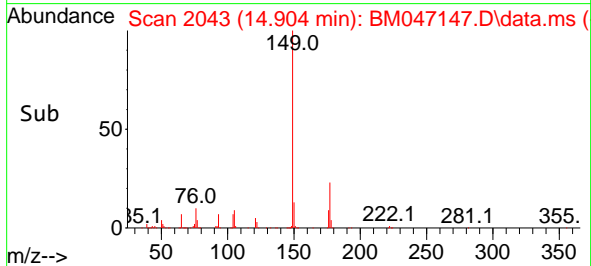
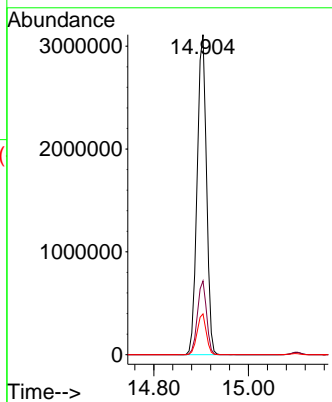
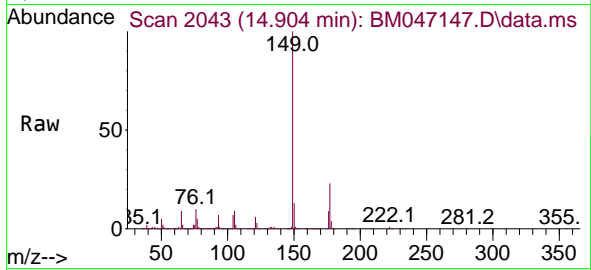


#60
 Diethylphthalate
 Concen: 75.010 ng
 RT: 14.904 min Scan# 2043
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:149 Resp: 4257104

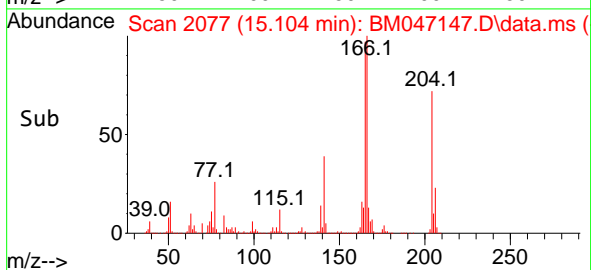
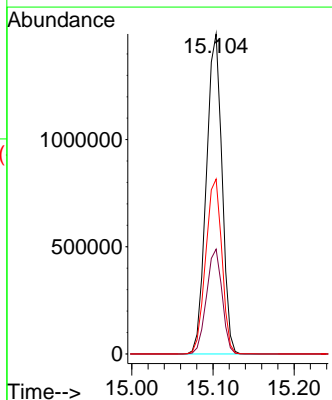
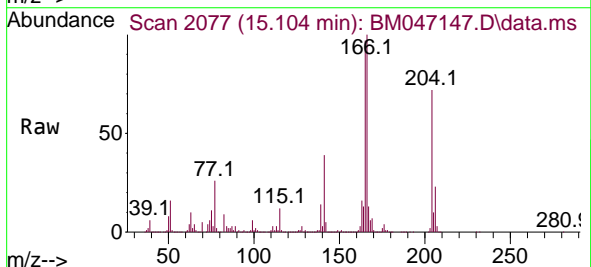
Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.6	26.4
150	12.8	9.8	14.6

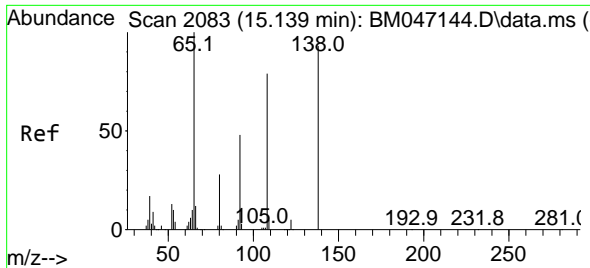


#61
 4-Chlorophenyl-phenylether
 Concen: 77.748 ng
 RT: 15.104 min Scan# 2077
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:204 Resp: 1997247

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.4
141	54.7	47.2	70.8



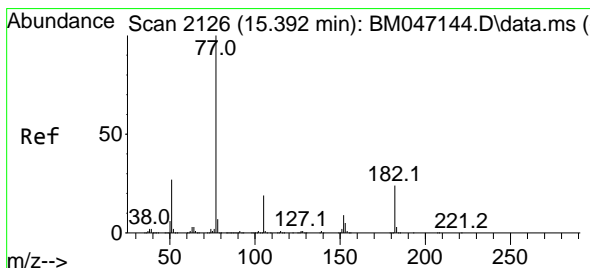
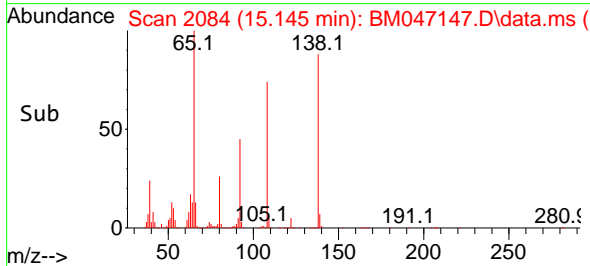
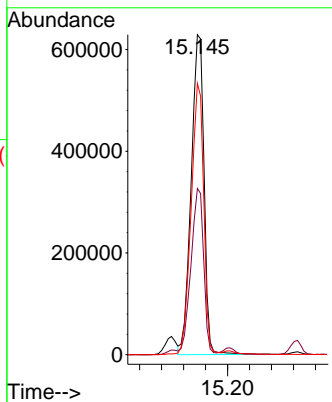
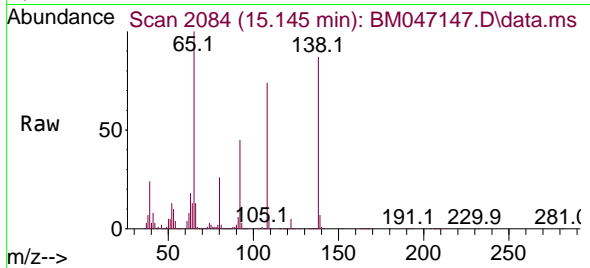


#62
 4-Nitroaniline
 Concen: 79.564 ng
 RT: 15.145 min Scan# 2084
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument : BNA_M
 Client Sample Id : SSTDICC080

Tgt Ion: 138 Resp: 1020427

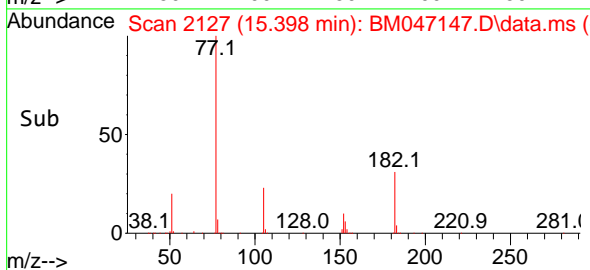
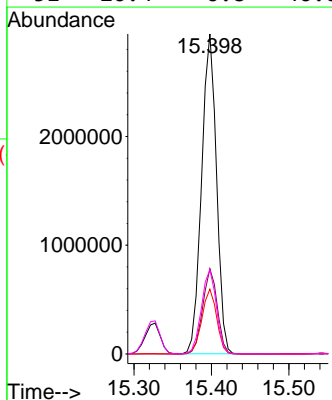
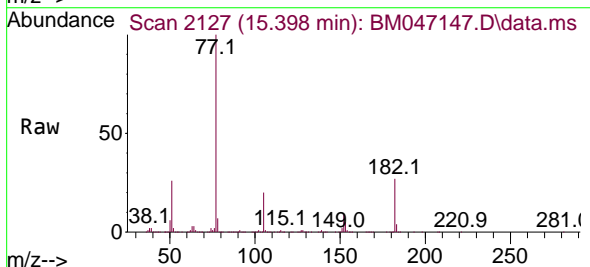
Ion	Ratio	Lower	Upper
138	100		
92	51.9	31.9	71.9
108	84.8	63.8	103.8

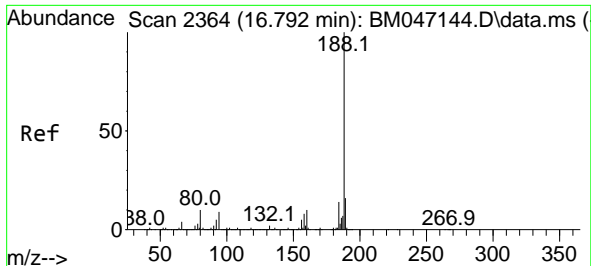


#63
 Azobenzene
 Concen: 72.861 ng
 RT: 15.398 min Scan# 2127
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion: 77 Resp: 3920766

Ion	Ratio	Lower	Upper
77	100		
182	26.7	3.8	43.8
105	20.2	0.0	39.5
51	26.4	6.8	46.8



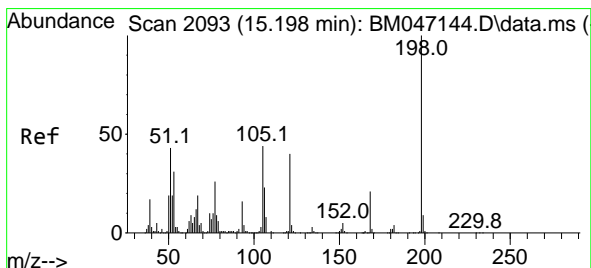
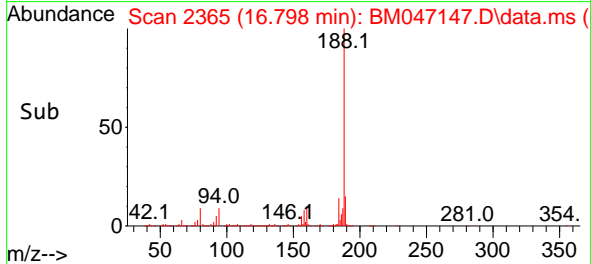
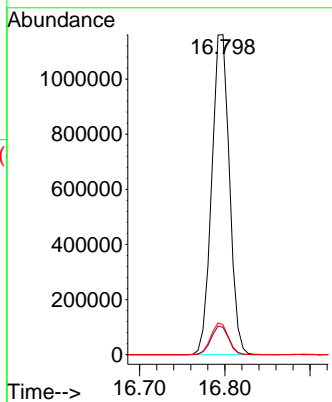
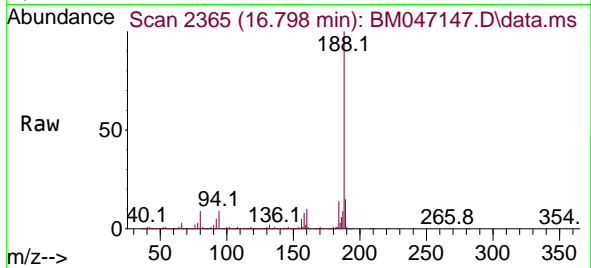


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.798 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 Client Sample Id :
 SSTDICC080

Tgt Ion:188 Resp: 1674812

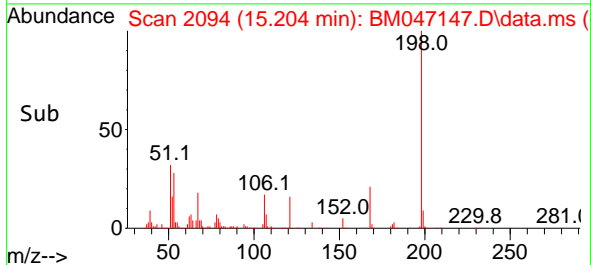
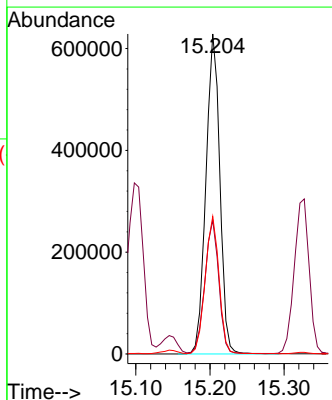
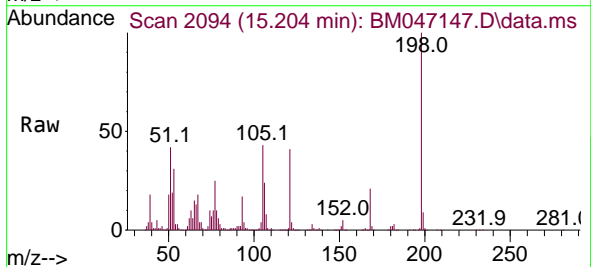
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	9.3	8.0	12.0

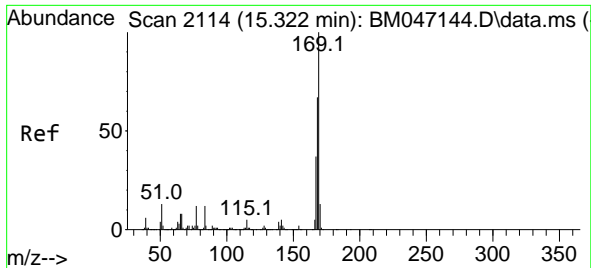


#65
 4,6-Dinitro-2-methylphenol
 Concen: 83.643 ng
 RT: 15.204 min Scan# 2094
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:198 Resp: 820182

Ion	Ratio	Lower	Upper
198	100		
51	41.8	23.9	63.9
105	43.0	24.3	64.3



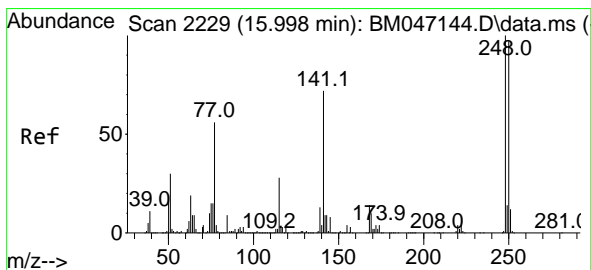
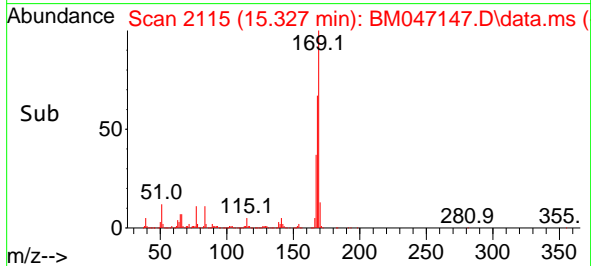
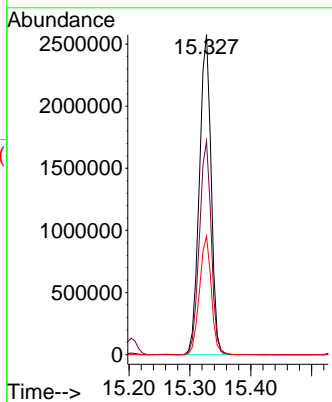
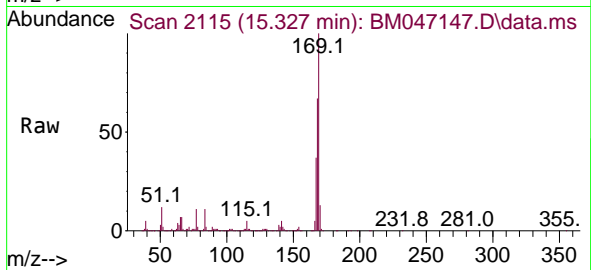


#66
 n-Nitrosodiphenylamine
 Concen: 75.560 ng
 RT: 15.327 min Scan# 2115
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument : BNA_M
 ClientSampleId : BM047147.D
 SSTDICC080

Tgt Ion:169 Resp: 3446873

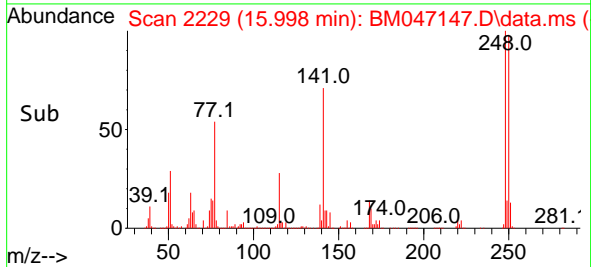
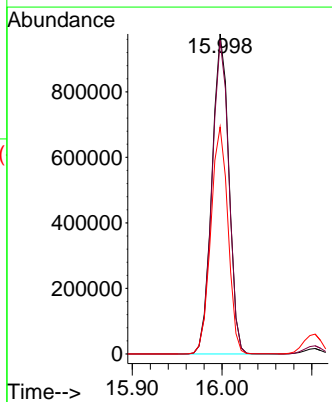
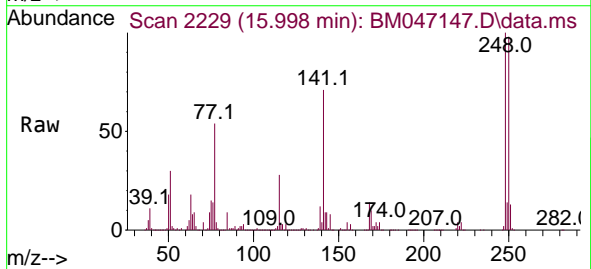
Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.8	80.8
167	37.0	29.3	43.9

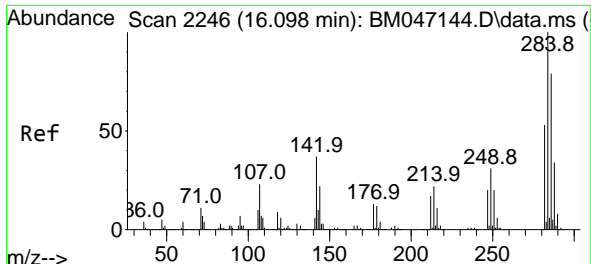


#67
 4-Bromophenyl-phenylether
 Concen: 79.172 ng
 RT: 15.998 min Scan# 2229
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:248 Resp: 1277742

Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.8	116.8
141	71.0	57.7	86.5

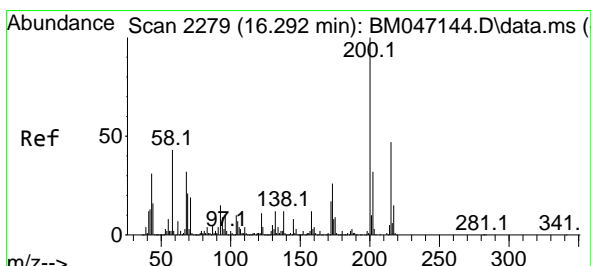
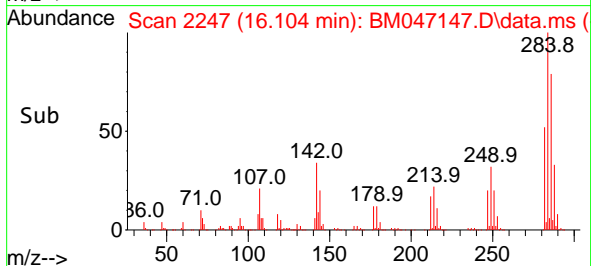
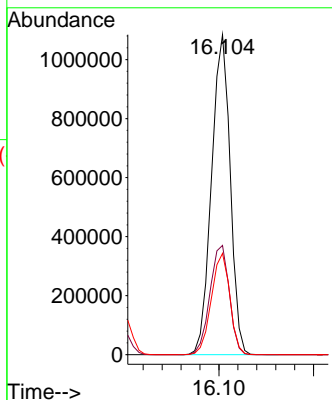
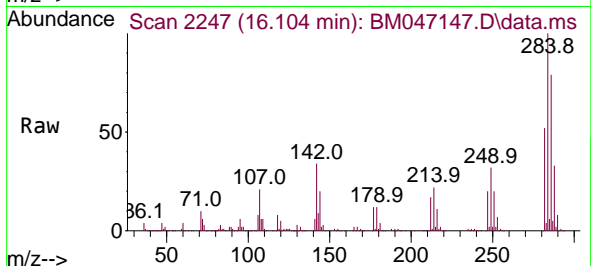




#68
 Hexachlorobenzene
 Concen: 76.654 ng
 RT: 16.104 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

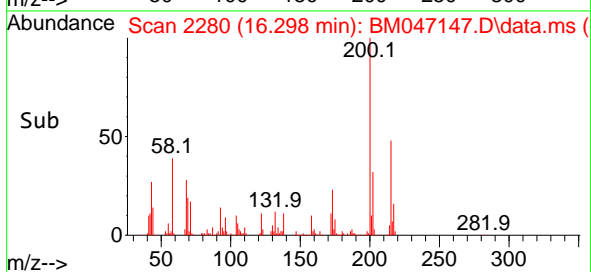
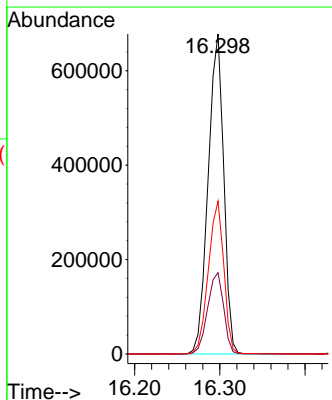
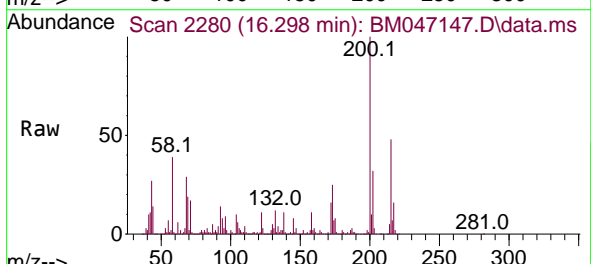
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

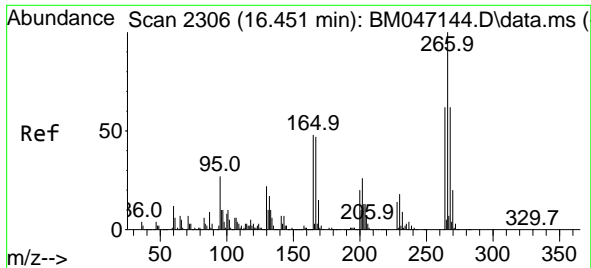
Tgt Ion:284 Resp: 1481615
 Ion Ratio Lower Upper
 284 100
 142 34.2 29.4 44.0
 249 31.6 25.1 37.7



#69
 Atrazine
 Concen: 62.797 ng
 RT: 16.298 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:200 Resp: 862020
 Ion Ratio Lower Upper
 200 100
 173 25.4 6.1 46.1
 215 47.7 26.8 66.8



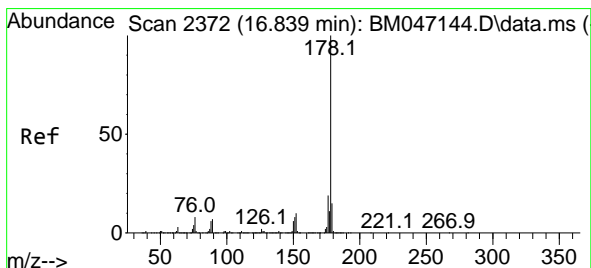
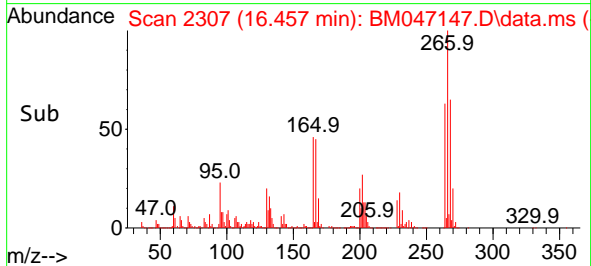
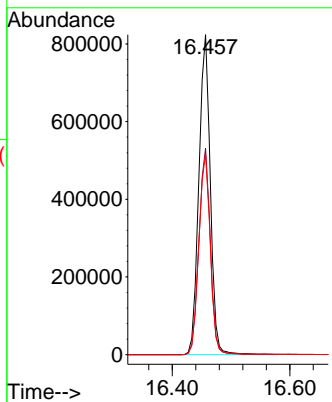
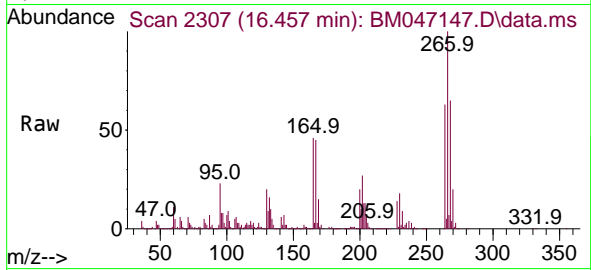


#70
 Pentachlorophenol
 Concen: 82.323 ng
 RT: 16.457 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:266 Resp: 1115403

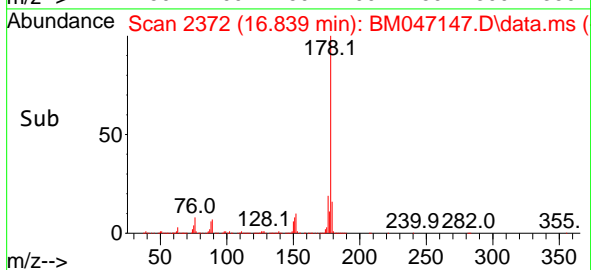
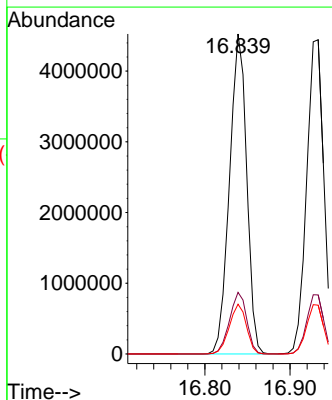
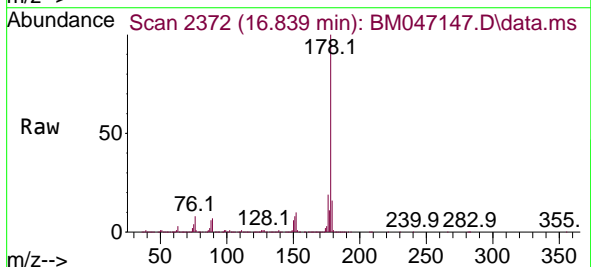
Ion	Ratio	Lower	Upper
266	100		
268	64.5	49.8	74.6
264	62.8	49.6	74.4

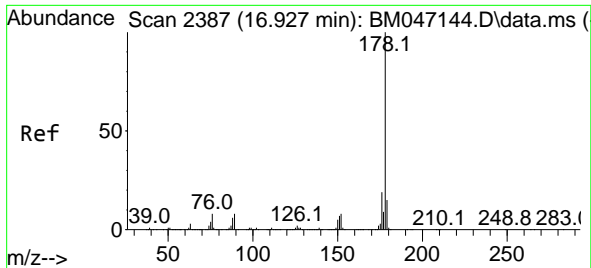


#71
 Phenanthrene
 Concen: 75.631 ng
 RT: 16.839 min Scan# 2372
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:178 Resp: 6356974

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.6	12.4	18.6



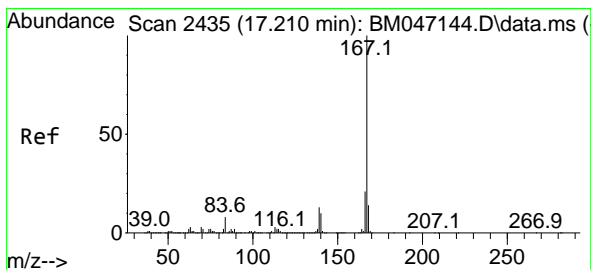
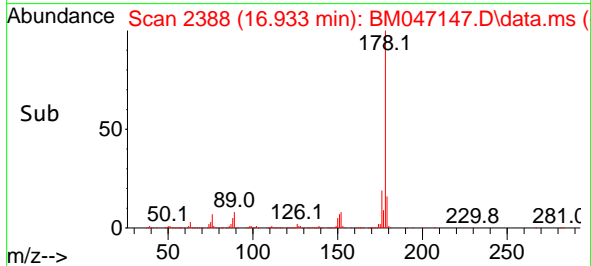
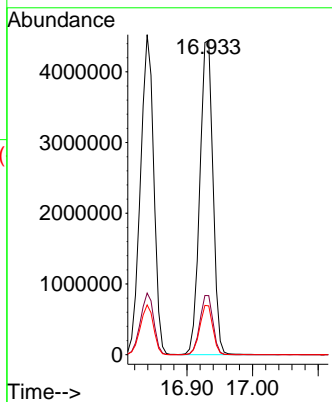
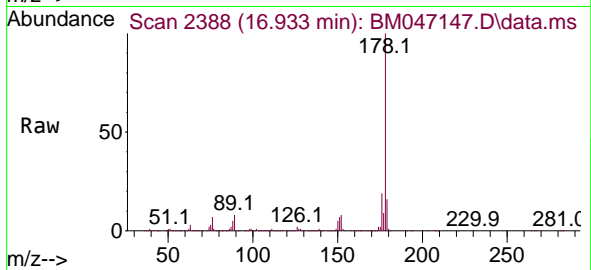


#72
 Anthracene
 Concen: 75.850 ng
 RT: 16.933 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:178 Resp: 6203287

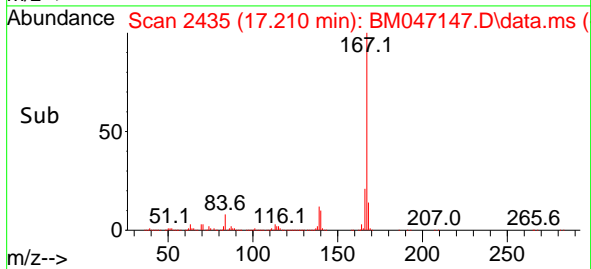
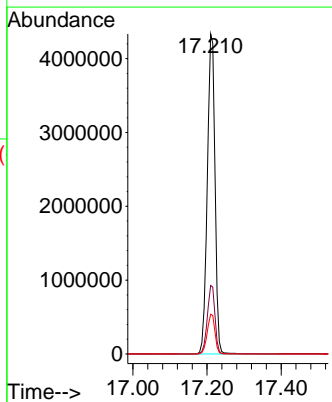
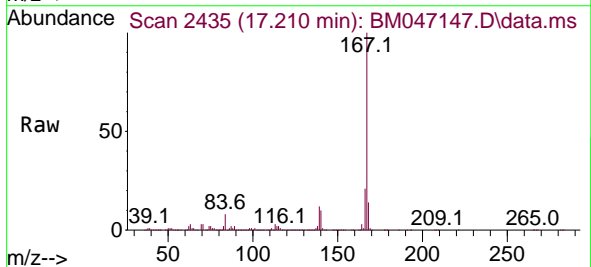
Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.5	12.4	18.6

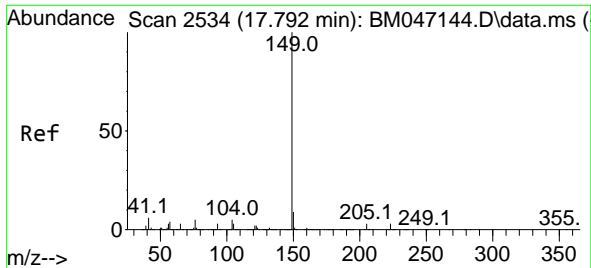


#73
 Carbazole
 Concen: 74.858 ng
 RT: 17.210 min Scan# 2435
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:167 Resp: 6250976

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.4	10.0	15.0



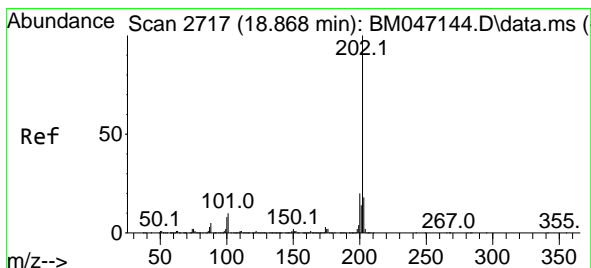
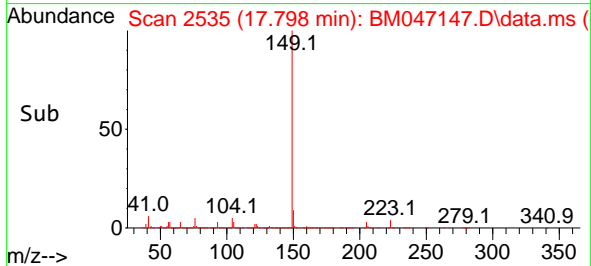
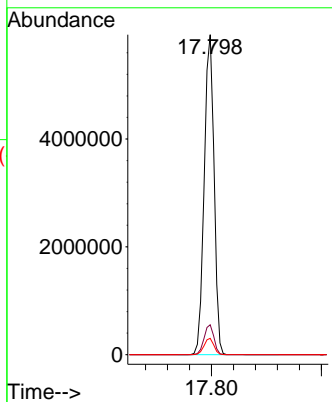
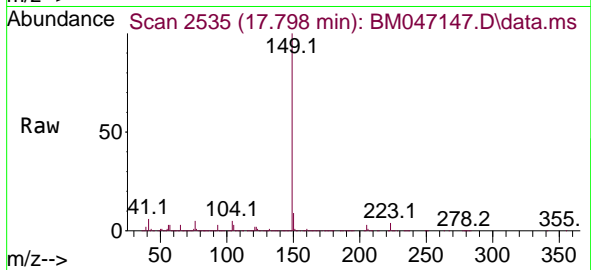


#74
 Di-n-butylphthalate
 Concen: 75.700 ng
 RT: 17.798 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:149 Resp: 7355197

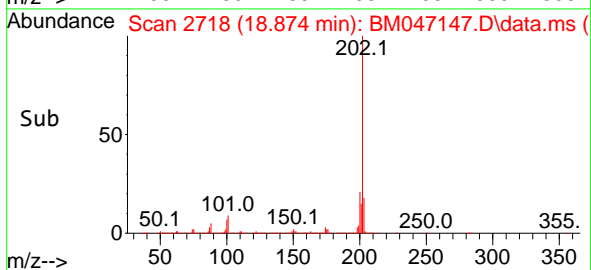
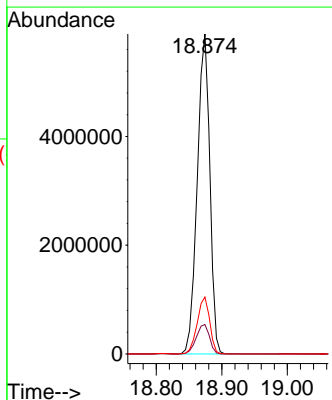
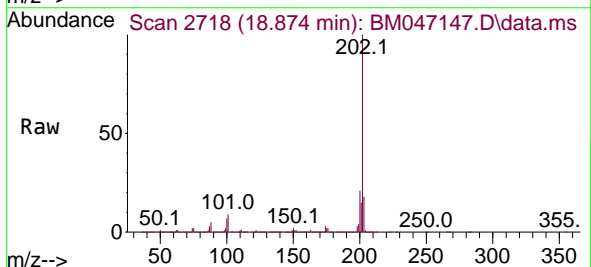
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.1	4.1	6.1

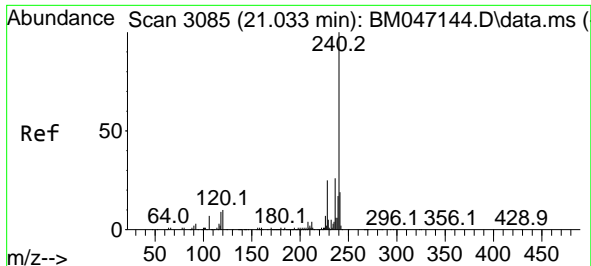


#75
 Fluoranthene
 Concen: 76.805 ng
 RT: 18.874 min Scan# 2718
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:202 Resp: 7852169

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.2
203	17.8	0.0	37.6



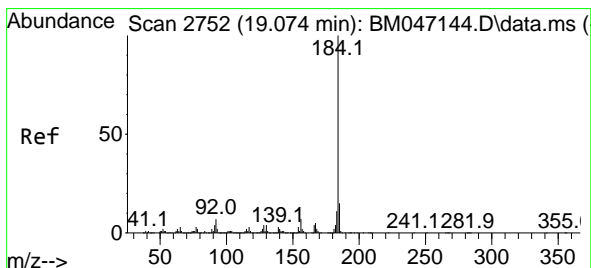
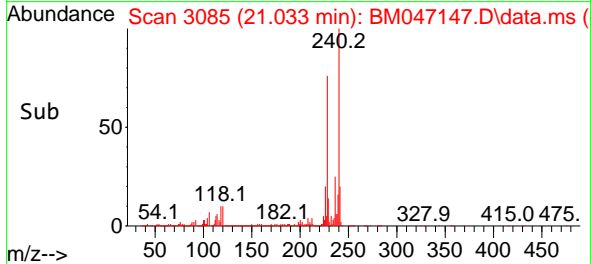
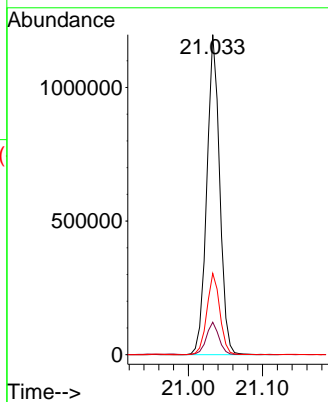
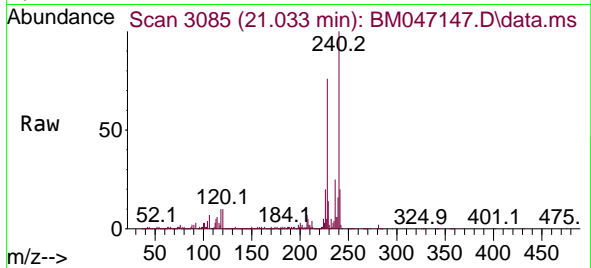


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.033 min Scan# 3085
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument : BNA_M
 Client Sample Id : SSTDICC080

Tgt Ion: 240 Resp: 1443265

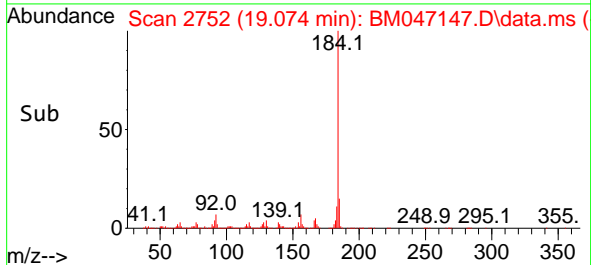
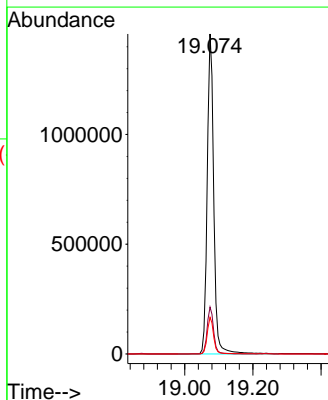
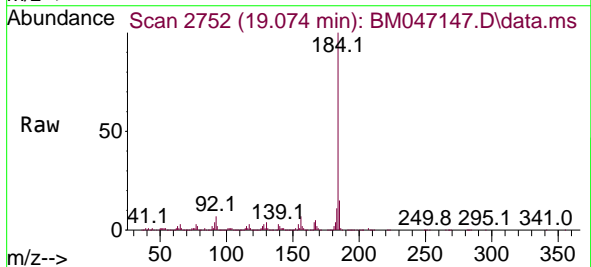
Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.2
236	25.4	20.6	30.8

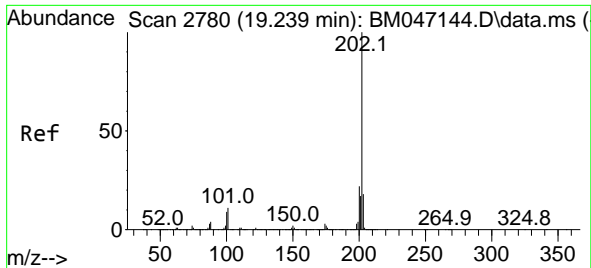


#77
 Benzidine
 Concen: 79.424 ng
 RT: 19.074 min Scan# 2752
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion: 184 Resp: 1943953

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.6
183	11.5	9.0	13.6





#78
 Pyrene
 Concen: 79.218 ng
 RT: 19.239 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :

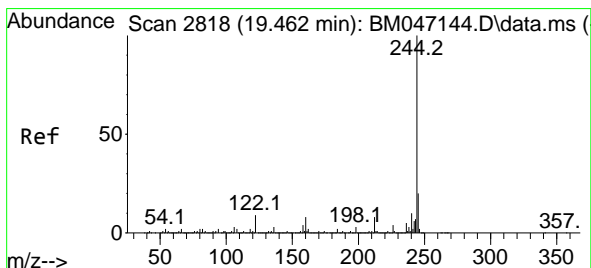
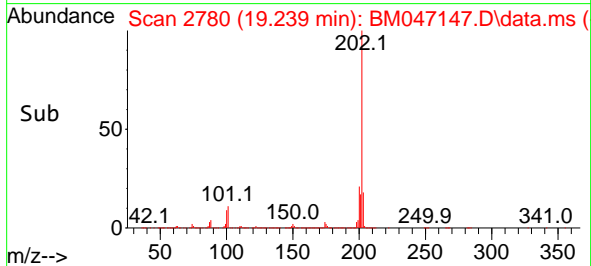
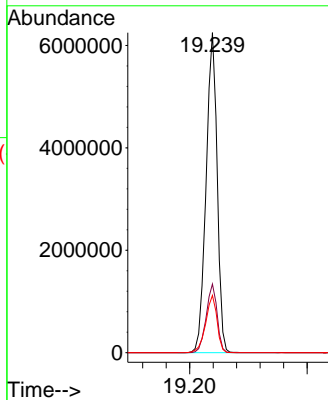
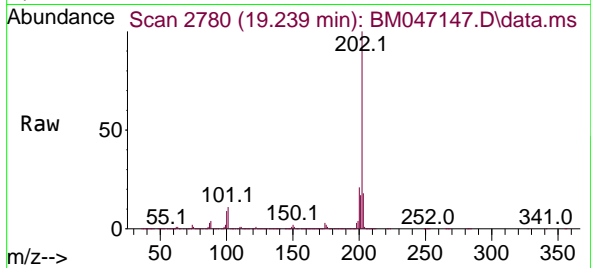
BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:202 Resp: 8163599

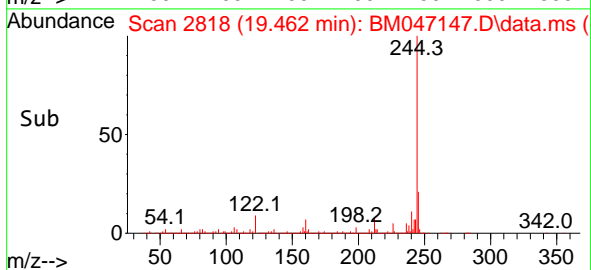
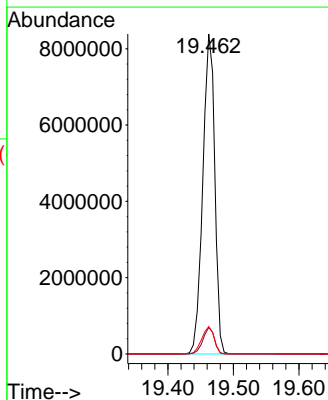
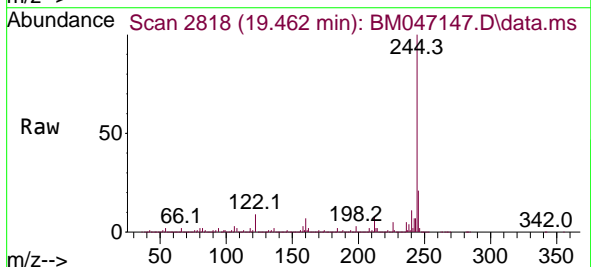
Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.9	14.2	21.2

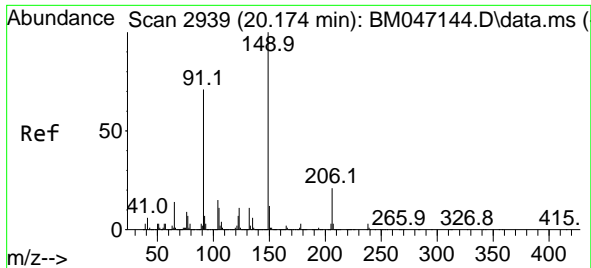


#79
 Terphenyl-d14
 Concen: 158.037 ng
 RT: 19.462 min Scan# 2818
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:244 Resp:10644639

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.4
122	8.6	7.1	10.7





#80
 Butylbenzylphthalate
 Concen: 81.742 ng
 RT: 20.174 min Scan# 2939
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :

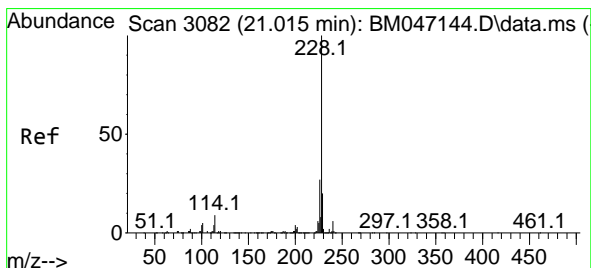
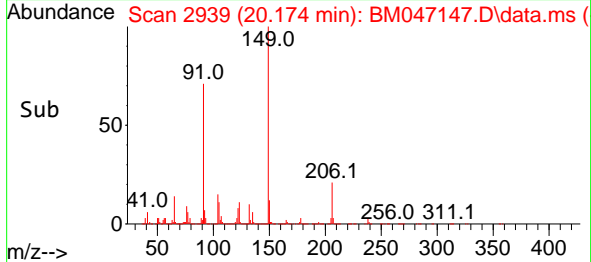
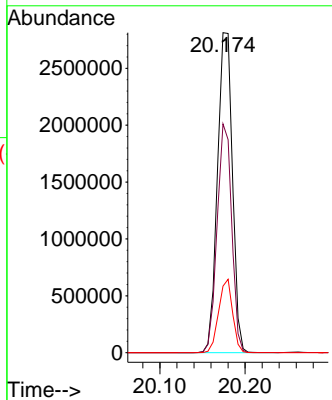
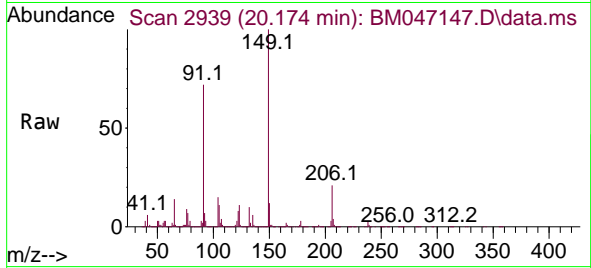
BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 3437732

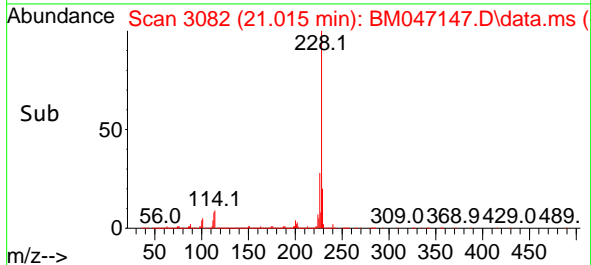
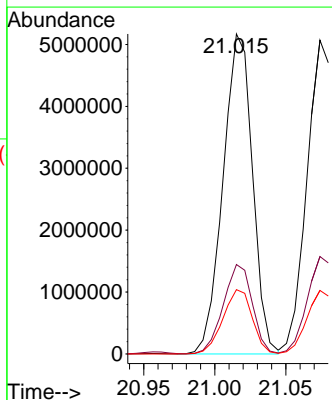
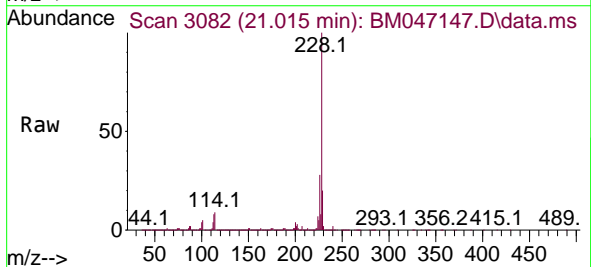
Ion	Ratio	Lower	Upper
149	100		
91	71.5	57.0	85.4
206	20.8	16.4	24.6

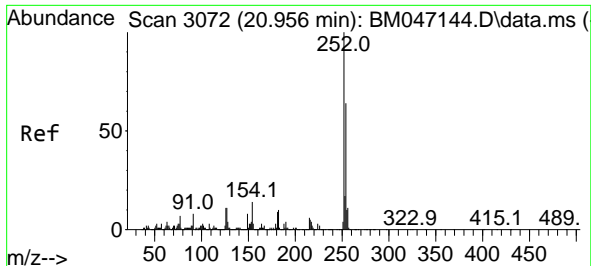


#81
 Benzo(a)anthracene
 Concen: 77.892 ng
 RT: 21.015 min Scan# 3082
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:228 Resp: 7463024

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.6
229	20.1	15.8	23.8





#82
 3,3'-Dichlorobenzidine
 Concen: 78.698 ng
 RT: 20.956 min Scan# 3072
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

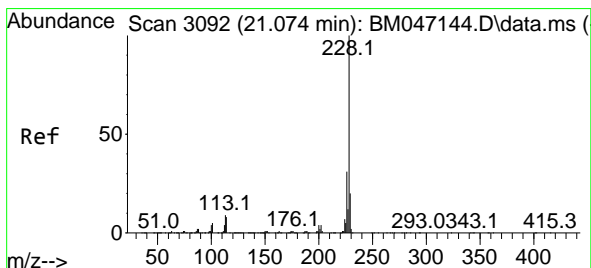
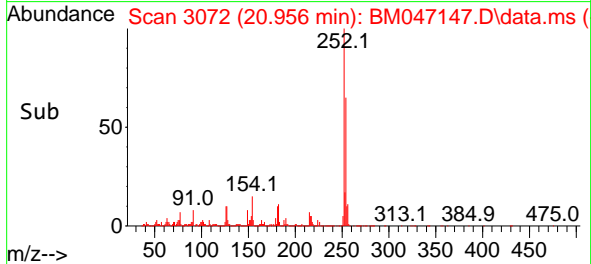
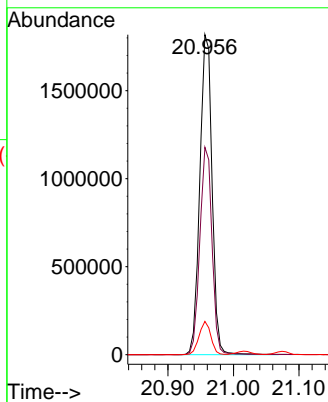
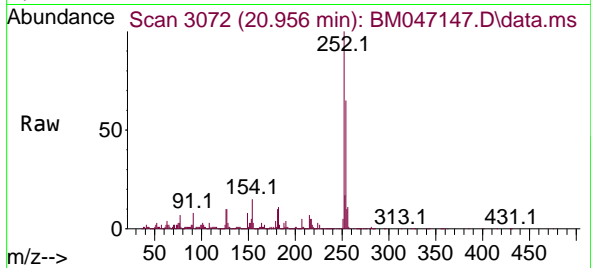
Instrument :

BNA_M

Client Sample Id :

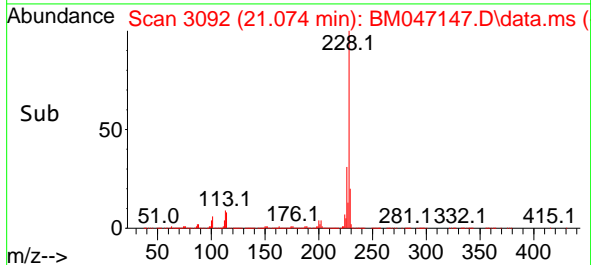
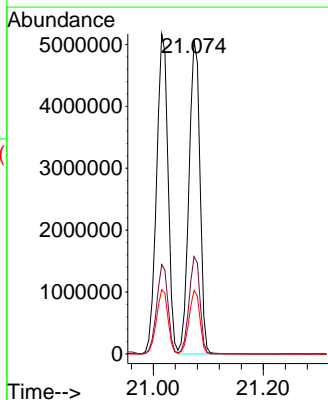
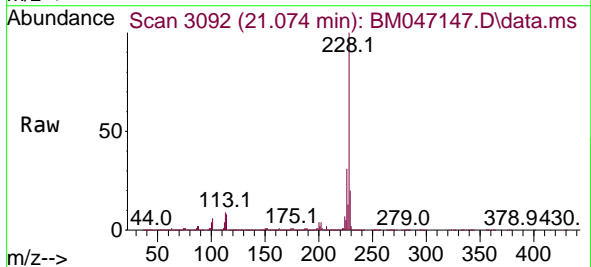
SSTDICC080

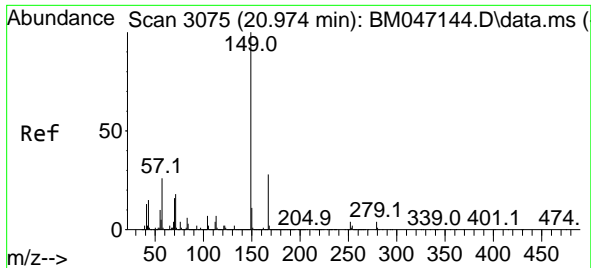
Tgt Ion:252 Resp: 2359199
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.0 76.6
 126 10.4 8.5 12.7



#83
 Chrysene
 Concen: 76.926 ng
 RT: 21.074 min Scan# 3092
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:228 Resp: 6992860
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 20.2 15.7 23.5





#84
 Bis(2-ethylhexyl)phthalate
 Concen: 79.001 ng
 RT: 20.974 min Scan# 3075
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :

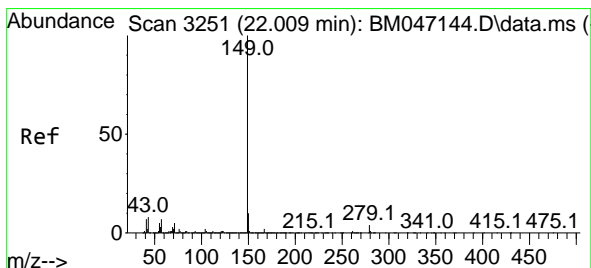
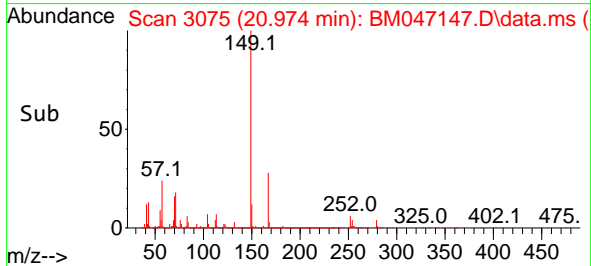
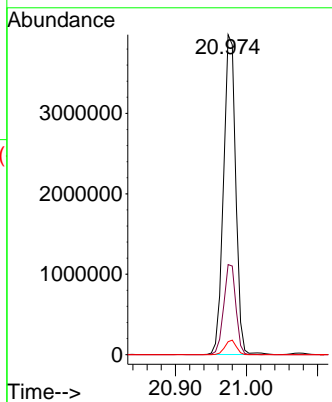
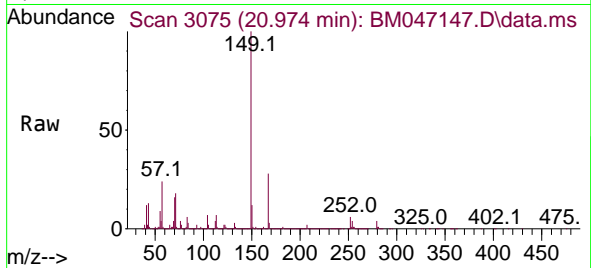
BNA_M

Client Sample Id :

SSTDICC080

Tgt Ion:149 Resp: 4711826

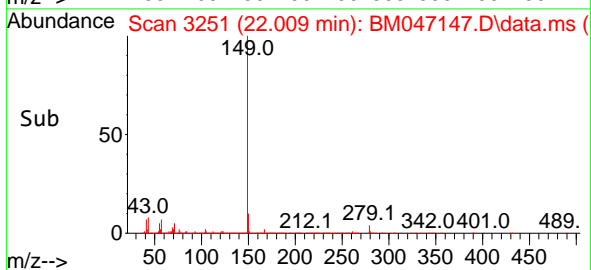
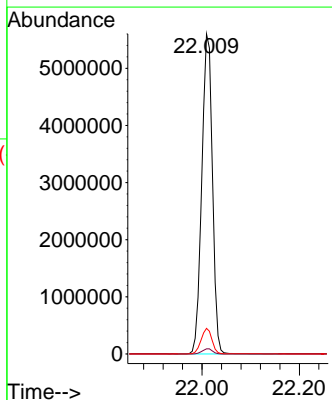
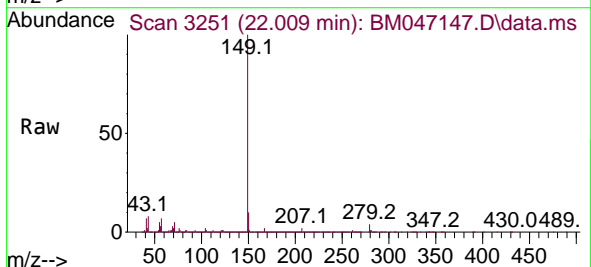
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.2
279	4.1	3.0	4.4

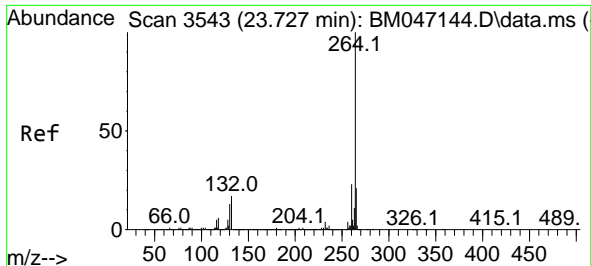


#85
 Di-n-octyl phthalate
 Concen: 83.492 ng
 RT: 22.009 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:149 Resp: 8464049

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.1	6.9	10.3



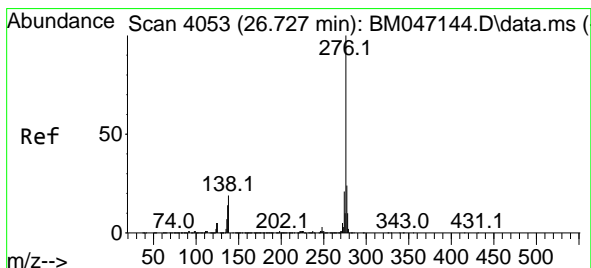
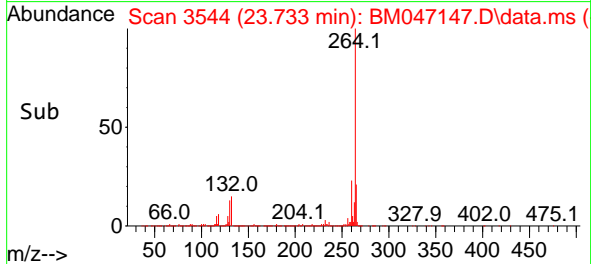
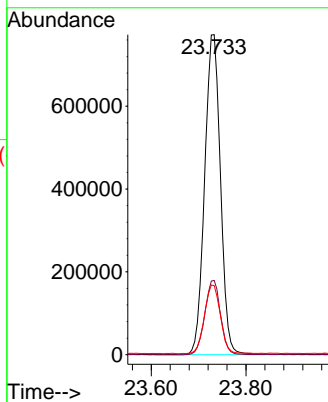
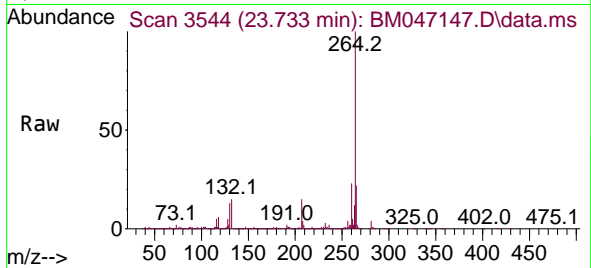


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.733 min Scan# 3
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:264 Resp: 1789187

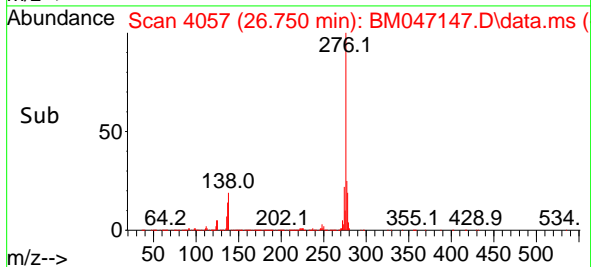
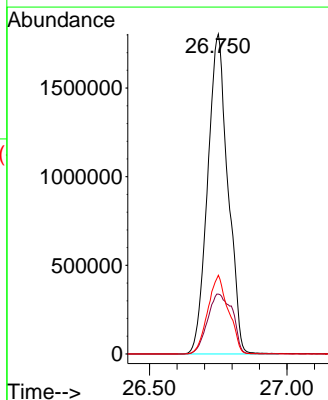
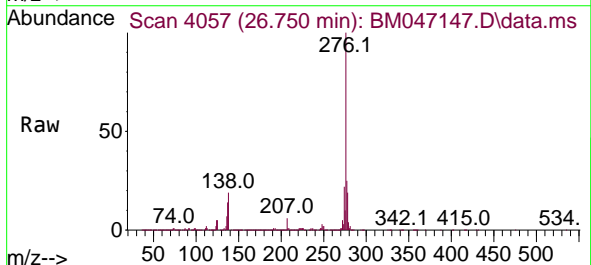
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.6	17.3	25.9

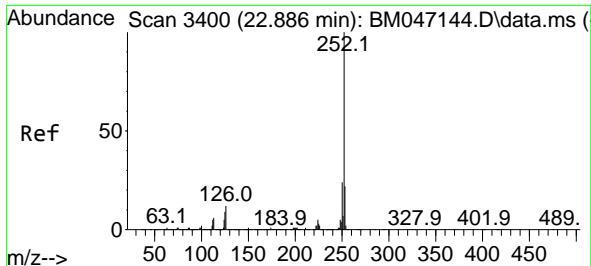


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 80.058 ng
 RT: 26.750 min Scan# 4057
 Delta R.T. 0.023 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:276 Resp: 9258642

Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.4	29.0
277	25.1	20.1	30.1



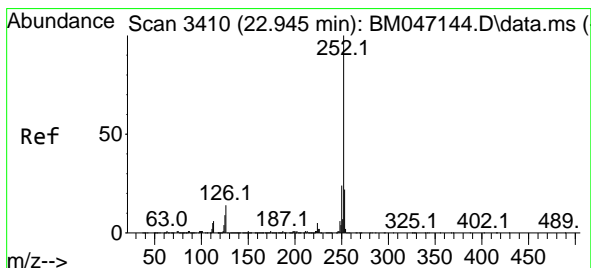
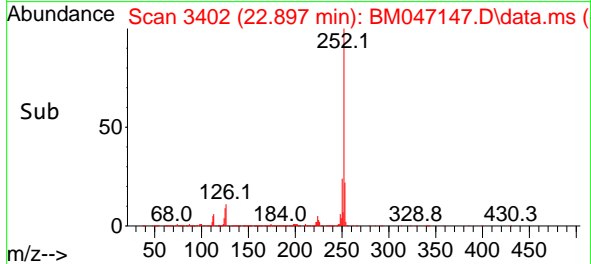
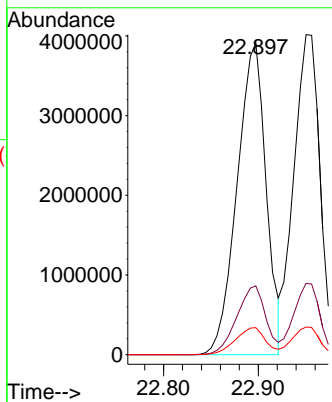
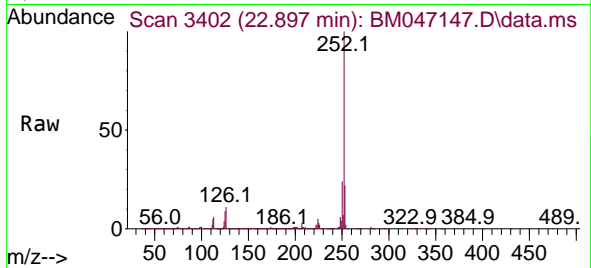


#88
 Benzo(b)fluoranthene
 Concen: 78.391 ng
 RT: 22.897 min Scan# 3402
 Delta R.T. 0.012 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:252 Resp: 8329223

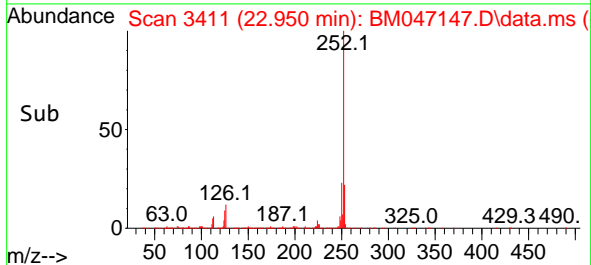
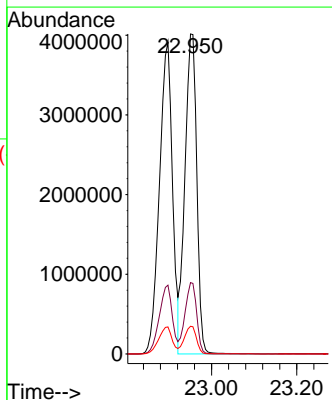
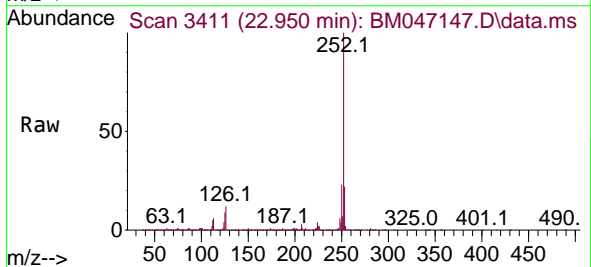
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	8.6	7.4	11.0

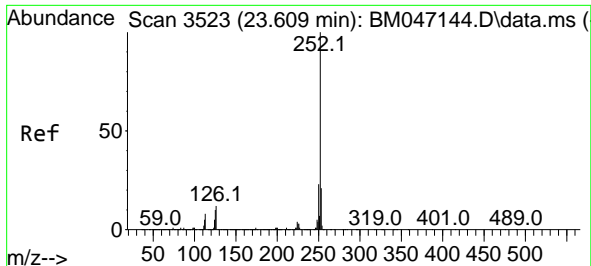


#89
 Benzo(k)fluoranthene
 Concen: 76.985 ng
 RT: 22.950 min Scan# 3411
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:252 Resp: 7726234

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	8.7	7.4	11.2



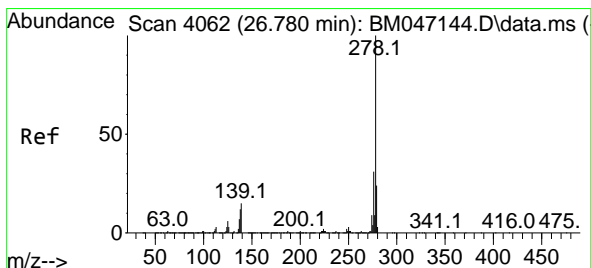
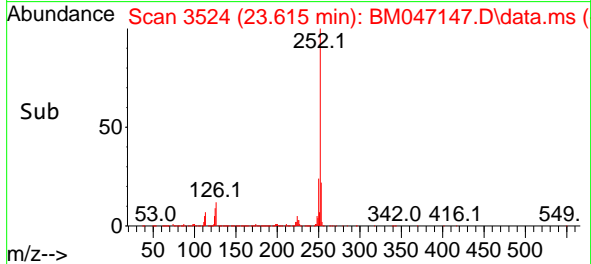
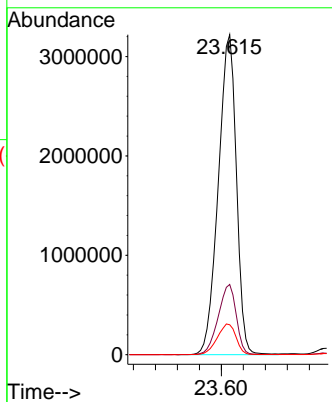
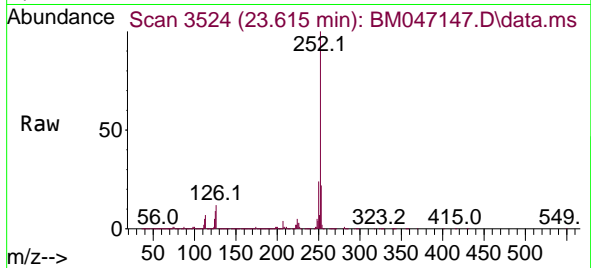


#90
 Benzo(a)pyrene
 Concen: 79.723 ng
 RT: 23.615 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:252 Resp: 7338002

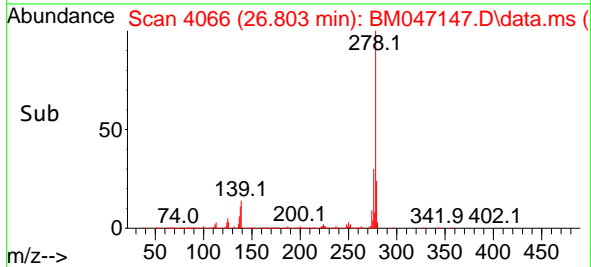
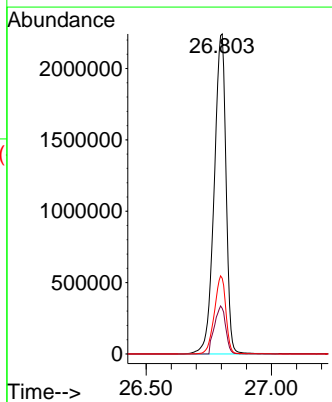
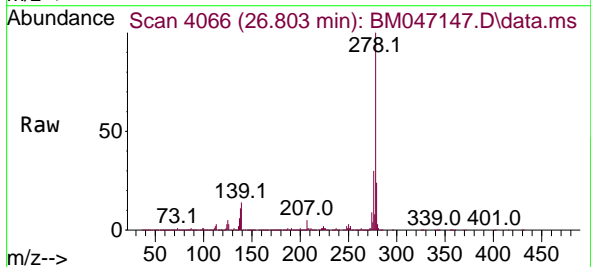
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	9.3	8.2	12.2

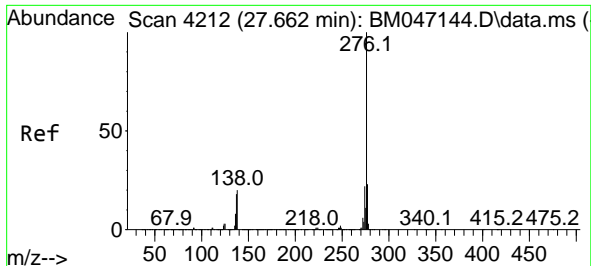


#91
 Dibenzo(a,h)anthracene
 Concen: 78.655 ng
 RT: 26.803 min Scan# 4066
 Delta R.T. 0.023 min
 Lab File: BM047147.D
 Acq: 10 Aug 2024 17:51

Tgt Ion:278 Resp: 7361474

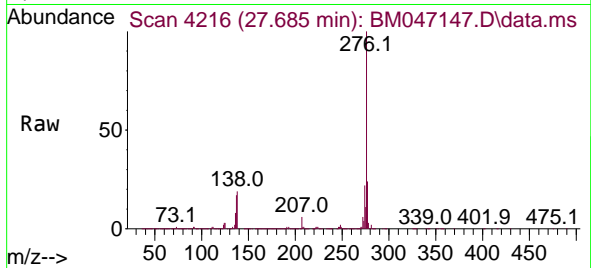
Ion	Ratio	Lower	Upper
278	100		
139	14.3	12.0	18.0
279	23.6	19.2	28.8





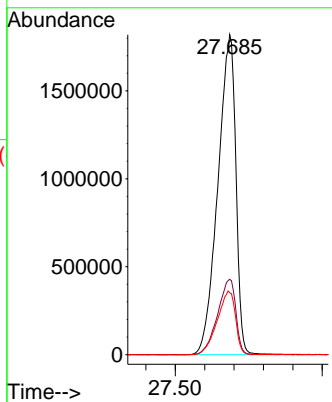
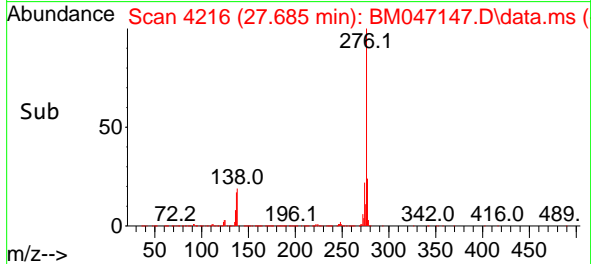
#92
Benzo(g,h,i)perylene
Concen: 79.293 ng
RT: 27.685 min Scan# 41
Delta R.T. 0.023 min
Lab File: BM047147.D
Acq: 10 Aug 2024 17:51

Instrument :
BNA_M
ClientSampleId :
SSTDICC080



Tgt Ion: 276 Resp: 7705035

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	19.4	16.2	24.4



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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047148.D
 Acq On : 10 Aug 2024 19:10
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Quant Time: Aug 11 23:52:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.375	152	296367	20.000	ng	0.00	
21) Naphthalene-d8	10.128	136	1206414	20.000	ng	0.00	
39) Acenaphthene-d10	14.033	164	800129	20.000	ng	0.00	
64) Phenanthrene-d10	16.792	188	1673175	20.000	ng	0.00	
76) Chrysene-d12	21.027	240	1477990	20.000	ng	0.00	
86) Perylene-d12	23.727	264	1812426	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.022	112	1247183	75.195	ng	0.00	
7) Phenol-d6	6.587	99	1751460	76.636	ng	0.00	
23) Nitrobenzene-d5	8.522	82	1846961	77.088	ng	0.00	
42) 2,4,6-Tribromophenol	15.539	330	757124	81.608	ng	0.00	
45) 2-Fluorobiphenyl	12.639	172	4083420	78.722	ng	0.00	
79) Terphenyl-d14	19.456	244	5496459	79.687	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.034	88	253056	36.823	ng		98
3) Pyridine	3.410	79	765159m	37.969	ng		
4) n-Nitrosodimethylamine	3.328	42	328593	37.322	ng		100
6) Aniline	6.722	93	844703	39.104	ng		99
8) 2-Chlorophenol	6.951	128	703988	38.916	ng		98
9) Benzaldehyde	6.540	77	476271	39.535	ng		98
10) Phenol	6.610	94	856285	37.549	ng		99
11) bis(2-Chloroethyl)ether	6.828	93	741565	37.972	ng		99
12) 1,3-Dichlorobenzene	7.263	146	836221	38.900	ng		99
13) 1,4-Dichlorobenzene	7.410	146	845433	38.844	ng		98
14) 1,2-Dichlorobenzene	7.716	146	795642	38.744	ng		99
15) Benzyl Alcohol	7.628	79	643803	39.581	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.916	45	947270	37.800	ng		99
17) 2-Methylphenol	7.834	107	595894	39.168	ng		99
18) Hexachloroethane	8.428	117	324138	38.447	ng		99
19) n-Nitroso-di-n-propyla...	8.187	70	582895	37.864	ng		99
20) 3+4-Methylphenols	8.163	107	844879	39.723	ng		99
22) Acetophenone	8.192	105	1109726	38.108	ng	#	98
24) Nitrobenzene	8.563	77	940366	38.978	ng		96
25) Isophorone	9.086	82	1650061	39.554	ng		100
26) 2-Nitrophenol	9.263	139	440983	41.274	ng		97
27) 2,4-Dimethylphenol	9.345	122	494953	39.547	ng		98
28) bis(2-Chloroethoxy)met...	9.575	93	1024303	39.022	ng		100
29) 2,4-Dichlorophenol	9.792	162	761049	40.983	ng		100
30) 1,2,4-Trichlorobenzene	9.998	180	846099	40.261	ng		100
31) Naphthalene	10.181	128	2317673	38.564	ng		100
32) Benzoic acid	9.522	122	626290	43.072	ng		99
33) 4-Chloroaniline	10.304	127	930580	40.265	ng		98
34) Hexachlorobutadiene	10.469	225	495141	40.254	ng		99
35) Caprolactam	11.116	113	261463	40.543	ng		98
36) 4-Chloro-3-methylphenol	11.451	107	787338	39.811	ng		100
37) 2-Methylnaphthalene	11.804	142	1667488	38.968	ng		100
38) 1-Methylnaphthalene	12.033	142	1644135	38.877	ng		99
40) 1,2,4,5-Tetrachloroben...	12.186	216	885065	40.555	ng		99
41) Hexachlorocyclopentadiene	12.163	237	312767	41.042	ng		98
43) 2,4,6-Trichlorophenol	12.445	196	632529	40.777	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047148.D
 Acq On : 10 Aug 2024 19:10
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Quant Time: Aug 11 23:52:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

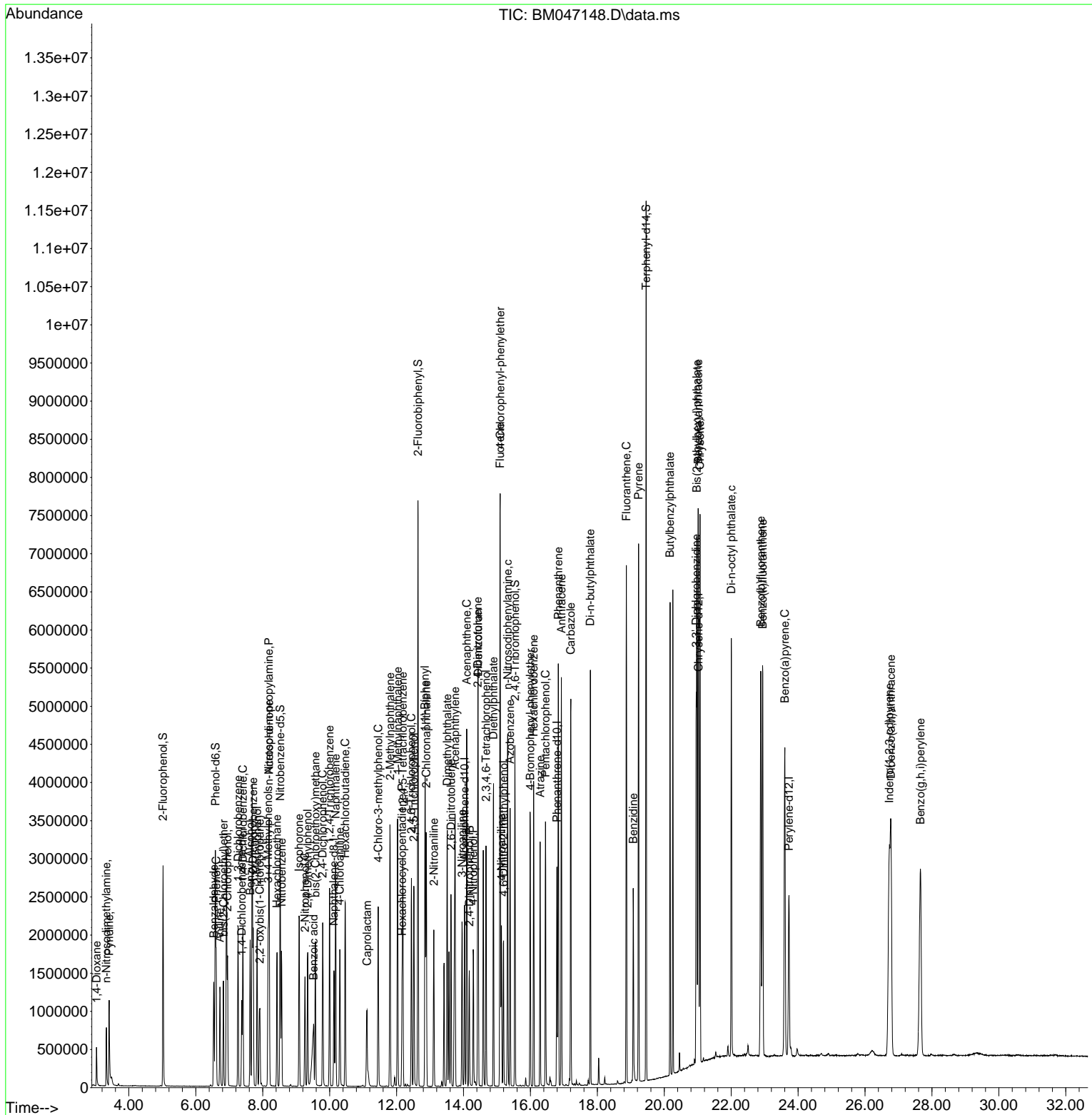
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	707267	41.066	ng	99
46) 1,1'-Biphenyl	12.851	154	2199985	38.622	ng	98
47) 2-Chloronaphthalene	12.886	162	1712308	38.460	ng	100
48) 2-Nitroaniline	13.116	65	561121	40.230	ng	100
49) Acenaphthylene	13.751	152	2577143	39.270	ng	100
50) Dimethylphthalate	13.516	163	2199717	39.364	ng	100
51) 2,6-Dinitrotoluene	13.627	165	526940	40.338	ng	96
52) Acenaphthene	14.098	154	1616361	38.828	ng	100
53) 3-Nitroaniline	13.957	138	529385	40.443	ng	98
54) 2,4-Dinitrophenol	14.174	184	315633	40.314	ng	97
55) Dibenzofuran	14.439	168	2550249	38.784	ng	99
56) 4-Nitrophenol	14.292	139	466721	41.349	ng	98
57) 2,4-Dinitrotoluene	14.427	165	708519	40.635	ng	98
58) Fluorene	15.092	166	2108277	38.859	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.674	232	577329	40.787	ng	99
60) Diethylphthalate	14.898	149	2232502	39.122	ng	99
61) 4-Chlorophenyl-phenyle...	15.098	204	1001595	38.777	ng	99
62) 4-Nitroaniline	15.133	138	517467	40.127	ng	98
63) Azobenzene	15.392	77	2048152	37.854	ng	98
65) 4,6-Dinitro-2-methylph...	15.198	198	416340	42.500	ng	94
66) n-Nitrosodiphenylamine	15.321	169	1790716	39.293	ng	100
67) 4-Bromophenyl-phenylether	15.998	248	647415	40.155	ng	97
68) Hexachlorobenzene	16.098	284	774906	40.130	ng	98
69) Atrazine	16.292	200	566536	41.312	ng	100
70) Pentachlorophenol	16.451	266	561329	41.470	ng	98
71) Phenanthrene	16.833	178	3272056	38.967	ng	100
72) Anthracene	16.927	178	3237131	39.620	ng	100
73) Carbazole	17.209	167	3262489	39.108	ng	99
74) Di-n-butylphthalate	17.792	149	3851216	39.675	ng	100
75) Fluoranthene	18.868	202	3981412	38.982	ng	99
77) Benzidine	19.074	184	1486859	59.321	ng	100
78) Pyrene	19.233	202	4150742	39.331	ng	99
80) Butylbenzylphthalate	20.174	149	1778335	41.291	ng	98
81) Benzo(a)anthracene	21.015	228	3835235	39.088	ng	100
82) 3,3'-Dichlorobenzidine	20.956	252	1322453	43.078	ng	98
83) Chrysene	21.068	228	3598062	38.651	ng	99
84) Bis(2-ethylhexyl)phtha...	20.974	149	2464399	40.349	ng	100
85) Di-n-octyl phthalate	22.003	149	4287924	41.304	ng	99
87) Indeno(1,2,3-cd)pyrene	26.726	276	4748737	40.535	ng	99
88) Benzo(b)fluoranthene	22.886	252	4137733	38.443	ng	100
89) Benzo(k)fluoranthene	22.944	252	4000536	39.350	ng	99
90) Benzo(a)pyrene	23.603	252	3707577	39.764	ng	99
91) Dibenzo(a,h)anthracene	26.774	278	3803894	40.122	ng	99
92) Benzo(g,h,i)perylene	27.656	276	3997872	40.615	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

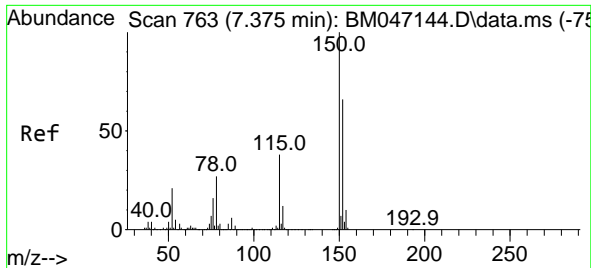
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
Data File : BM047148.D
Acq On : 10 Aug 2024 19:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM081024

Quant Time: Aug 11 23:52:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration



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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.375 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

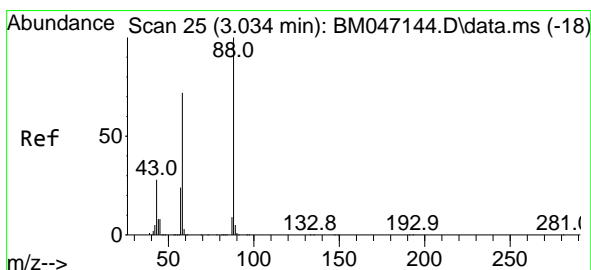
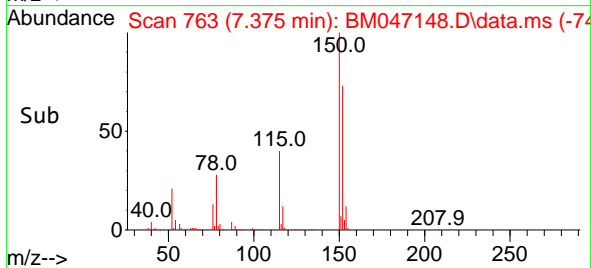
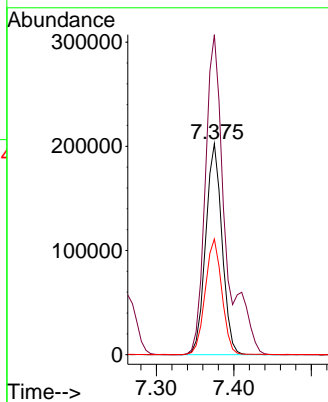
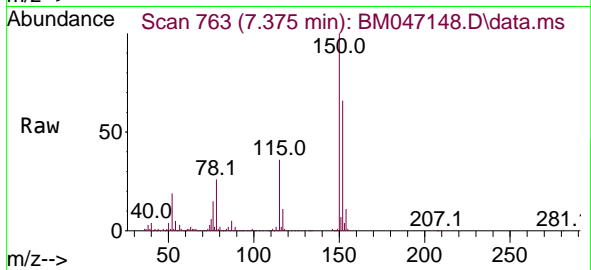
Instrument :

BNA_M

ClientSampleId :

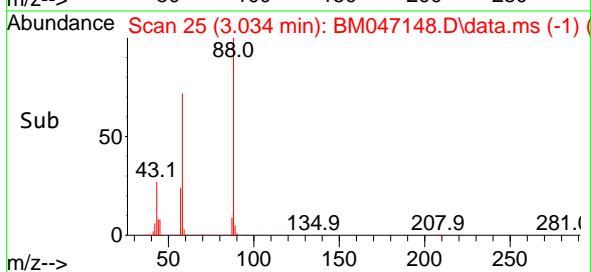
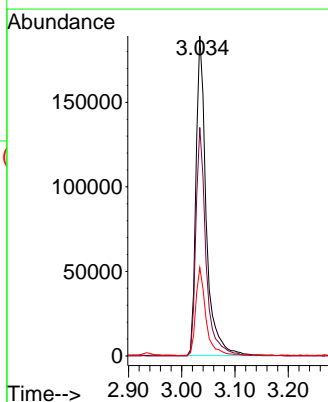
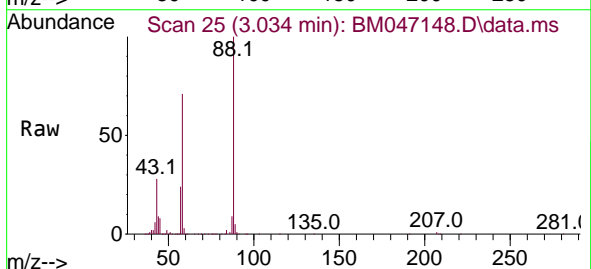
ICVBM081024

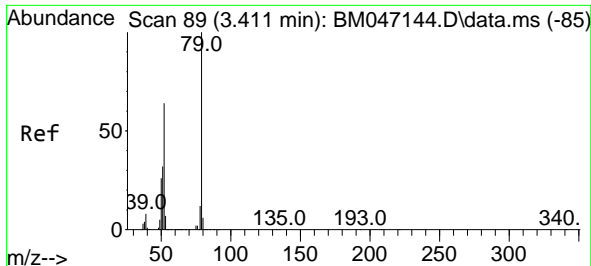
Tgt Ion:152 Resp: 296367
 Ion Ratio Lower Upper
 152 100
 150 151.6 120.5 180.7
 115 54.8 45.5 68.3



#2
 1,4-Dioxane
 Concen: 36.823 ng
 RT: 3.034 min Scan# 25
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion: 88 Resp: 253056
 Ion Ratio Lower Upper
 88 100
 58 70.9 58.2 87.4
 43 27.5 22.5 33.7



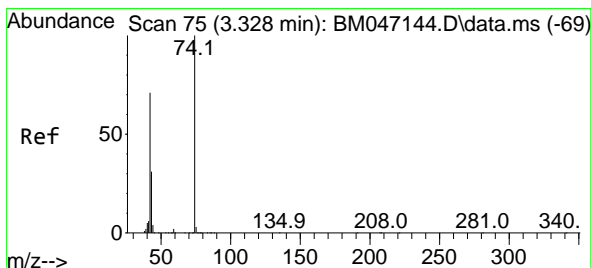
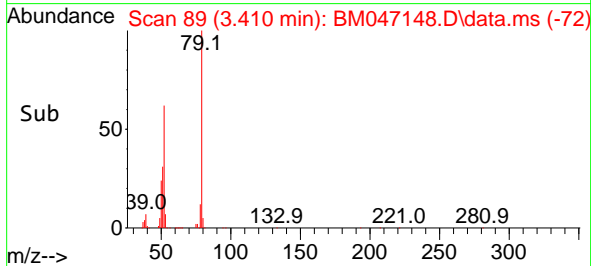
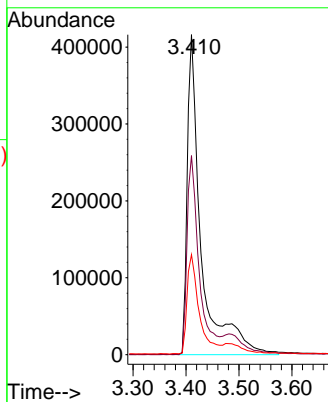
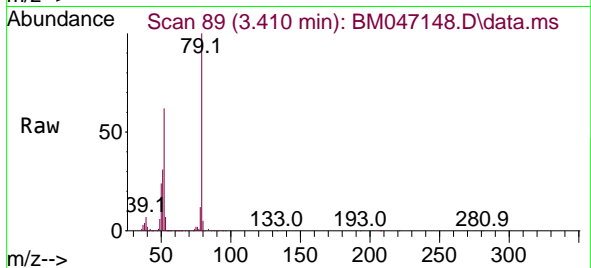


#3
 Pyridine
 Concen: 37.969 ng m
 RT: 3.410 min Scan# 89
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Tgt Ion: 79 Resp: 765159

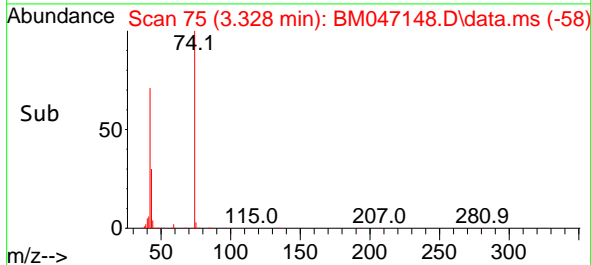
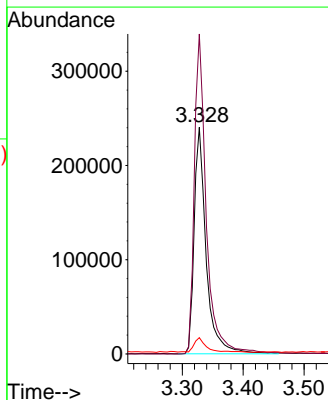
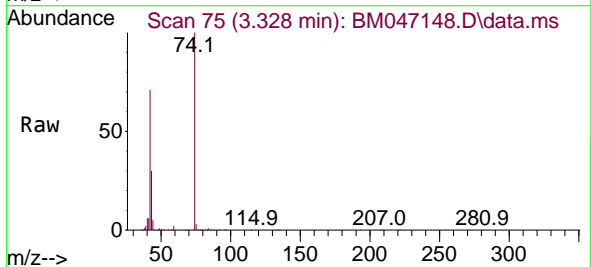
Ion	Ratio	Lower	Upper
79	100		
52	62.2	51.2	76.8
51	31.2	26.1	39.1

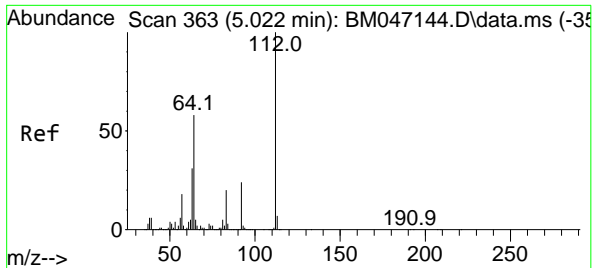


#4
 n-Nitrosodimethylamine
 Concen: 37.322 ng
 RT: 3.328 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion: 42 Resp: 328593

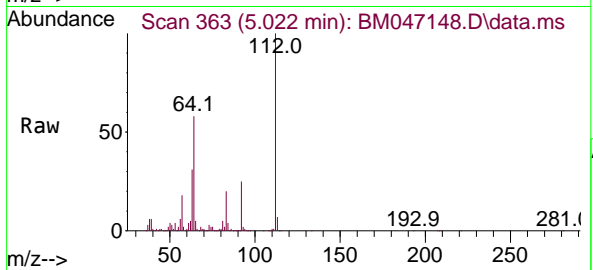
Ion	Ratio	Lower	Upper
42	100		
74	141.2	112.9	169.3
44	7.2	5.3	7.9





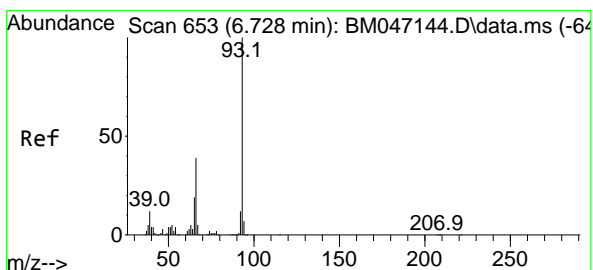
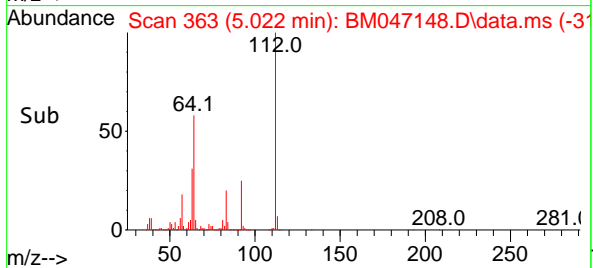
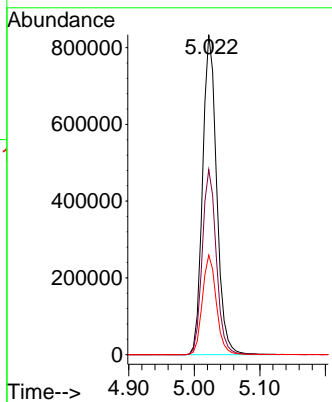
#5
 2-Fluorophenol
 Concen: 75.195 ng
 RT: 5.022 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024



Tgt Ion:112 Resp: 1247183

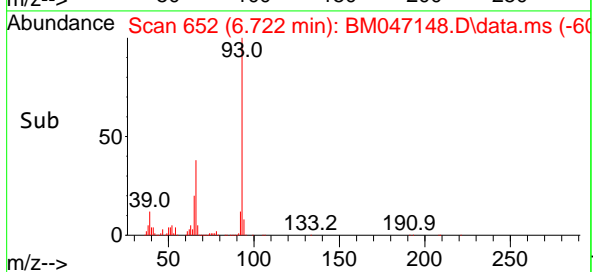
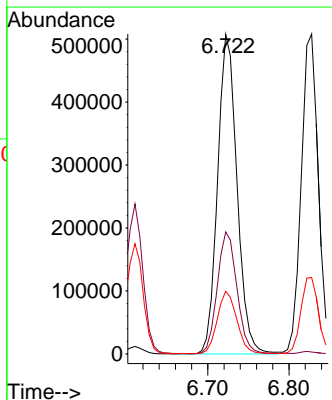
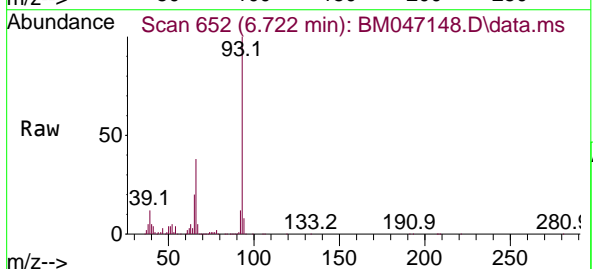
Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.7	70.1
63	31.1	24.8	37.2

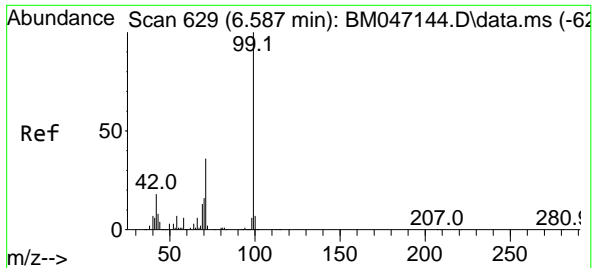


#6
 Aniline
 Concen: 39.104 ng
 RT: 6.722 min Scan# 652
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion: 93 Resp: 844703

Ion	Ratio	Lower	Upper
93	100		
66	38.2	31.4	47.2
65	19.6	15.6	23.4



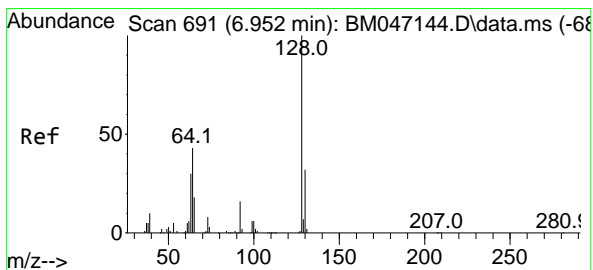
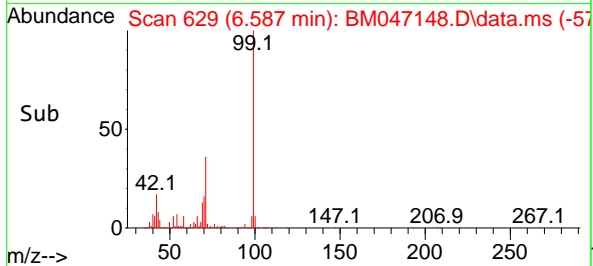
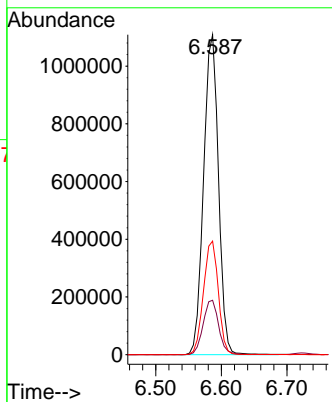
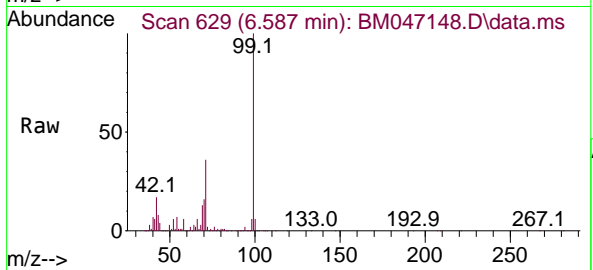


#7
 Phenol-d6
 Concen: 76.636 ng
 RT: 6.587 min Scan# 611
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument : BNA_M
 Client Sample Id : ICVBM081024

Tgt Ion: 99 Resp: 1751460

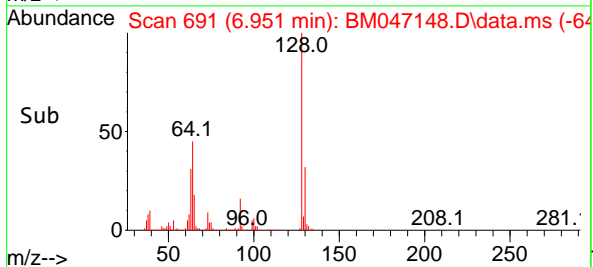
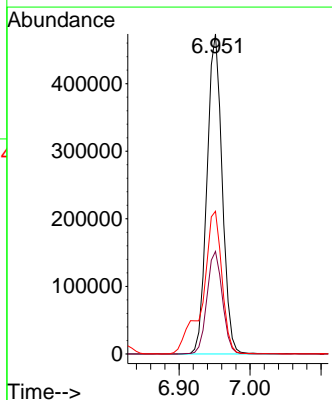
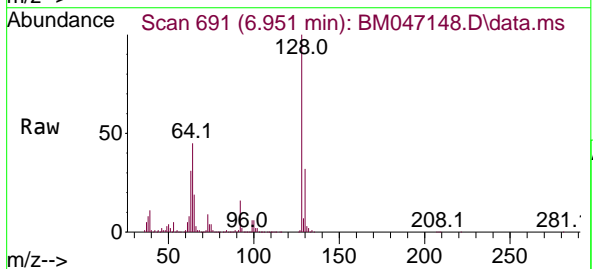
Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.1	21.1
71	35.5	28.5	42.7

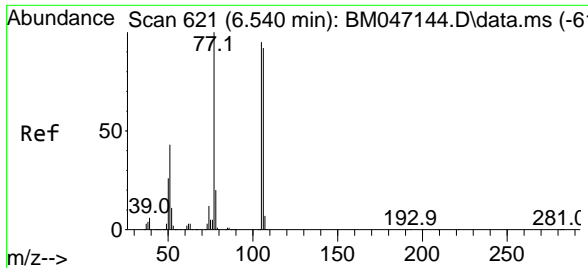


#8
 2-Chlorophenol
 Concen: 38.916 ng
 RT: 6.951 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion: 128 Resp: 703988

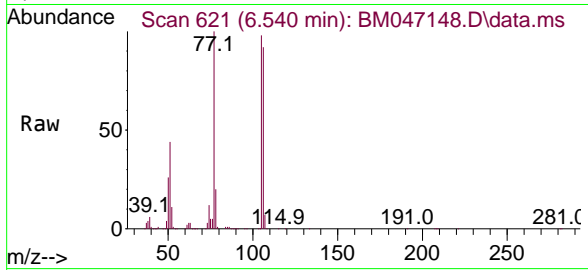
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.1	52.1
64	44.6	26.6	66.6





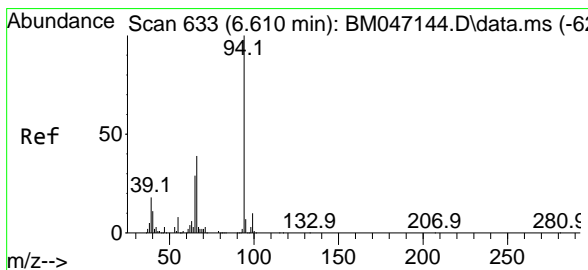
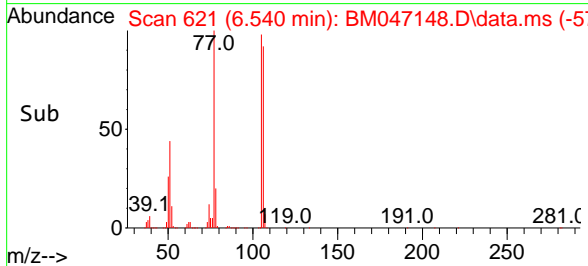
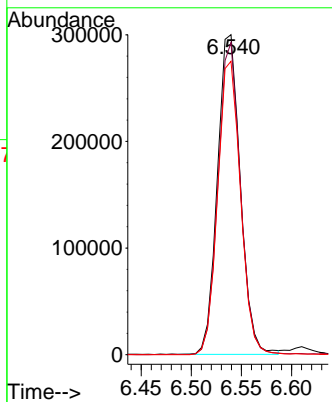
#9
 Benzaldehyde
 Concen: 39.535 ng
 RT: 6.540 min Scan# 611
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024



Tgt Ion: 77 Resp: 476271

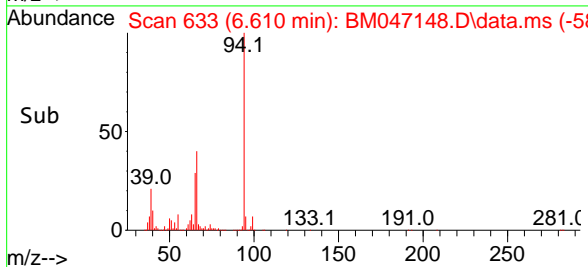
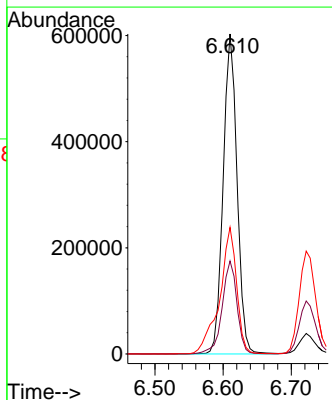
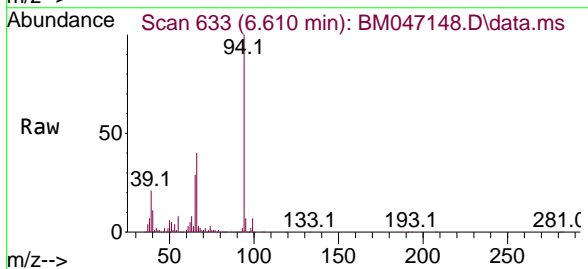
Ion	Ratio	Lower	Upper
77	100		
105	97.6	74.5	114.5
106	91.7	72.3	112.3

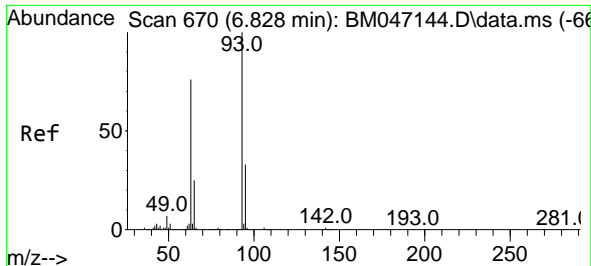


#10
 Phenol
 Concen: 37.549 ng
 RT: 6.610 min Scan# 633
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion: 94 Resp: 856285

Ion	Ratio	Lower	Upper
94	100		
65	29.0	9.0	49.0
66	39.5	18.9	58.9





#11
 bis(2-Chloroethyl)ether
 Concen: 37.972 ng
 RT: 6.828 min Scan# 670
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :

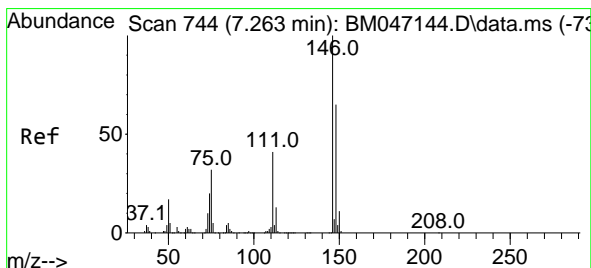
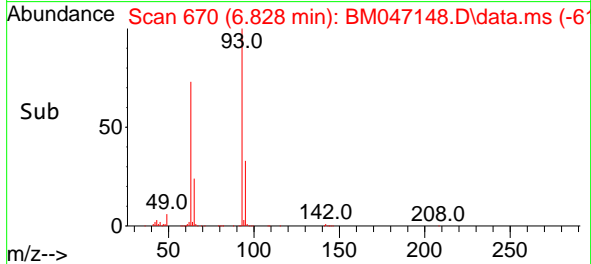
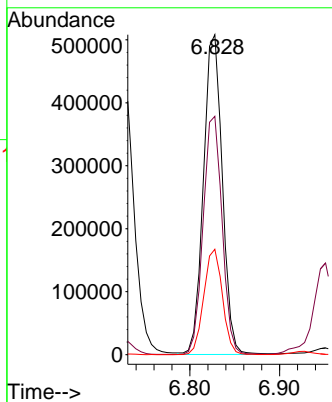
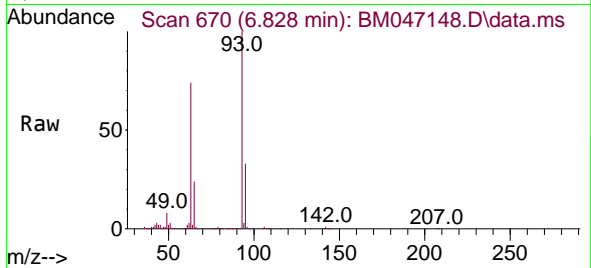
BNA_M

ClientSampleId :

ICVBM081024

Tgt Ion: 93 Resp: 741565

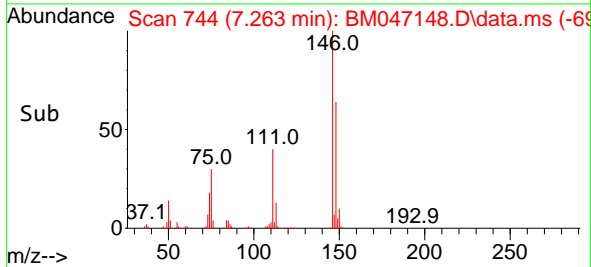
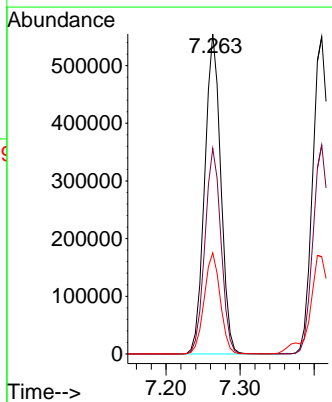
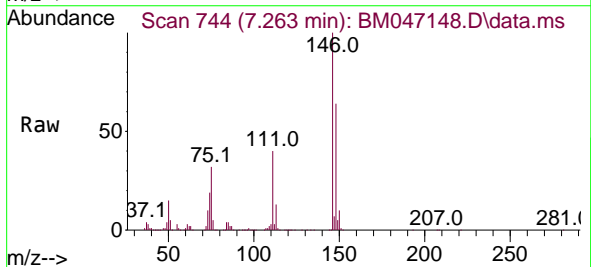
Ion	Ratio	Lower	Upper
93	100		
63	74.5	55.8	95.8
95	32.9	12.7	52.7

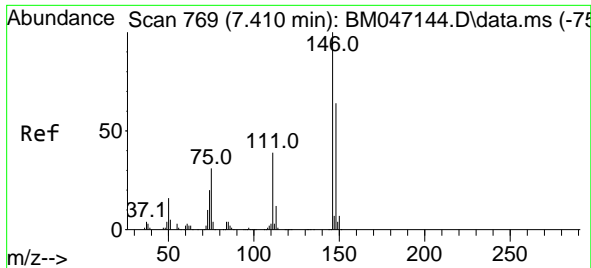


#12
 1,3-Dichlorobenzene
 Concen: 38.900 ng
 RT: 7.263 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion: 146 Resp: 836221

Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.3	78.5
75	31.6	25.8	38.6





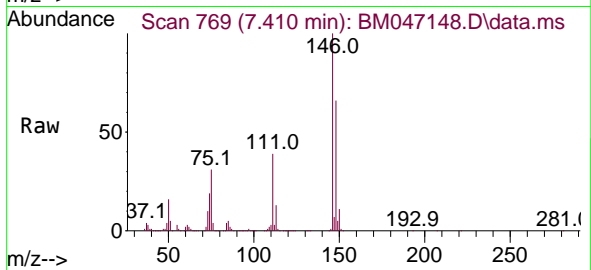
#13
1,4-Dichlorobenzene
Concen: 38.844 ng
RT: 7.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: BM047148.D
Acq: 10 Aug 2024 19:10

Instrument :

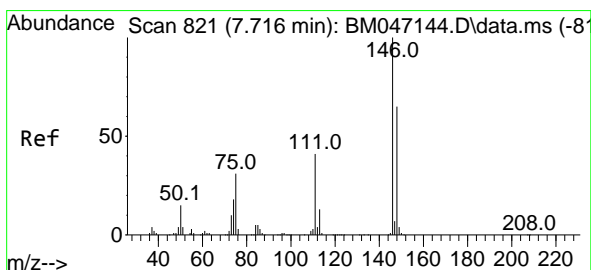
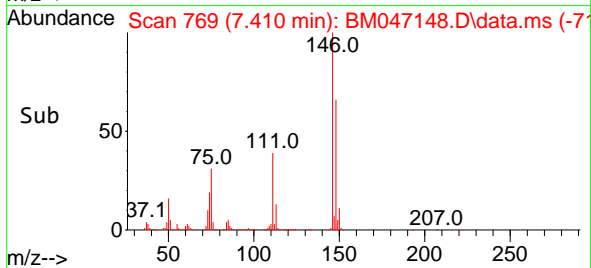
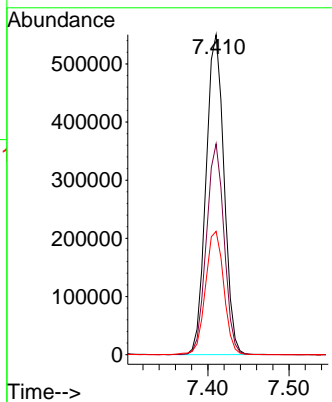
BNA_M

ClientSampleId :

ICVBM081024

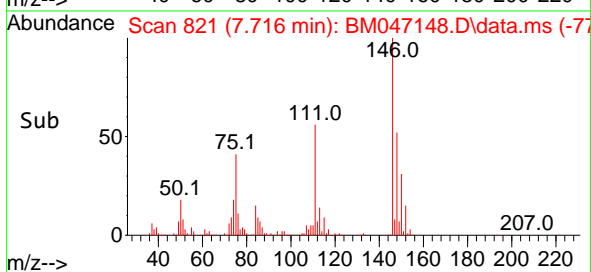
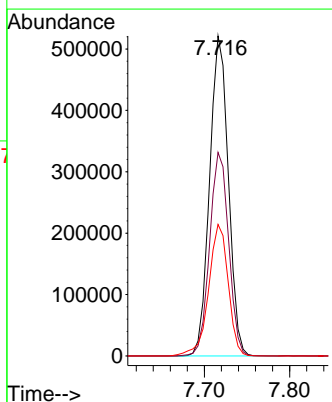
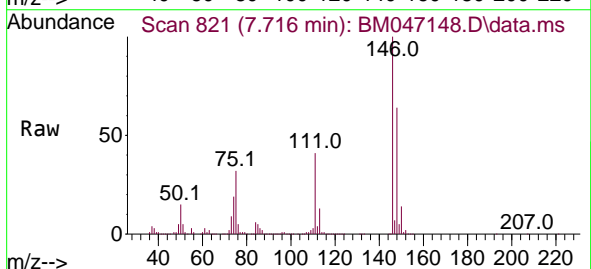


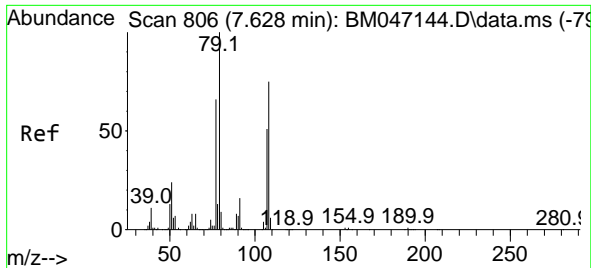
Tgt Ion:146 Resp: 845433
Ion Ratio Lower Upper
146 100
148 65.9 51.4 77.2
111 38.5 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 38.744 ng
RT: 7.716 min Scan# 821
Delta R.T. -0.000 min
Lab File: BM047148.D
Acq: 10 Aug 2024 19:10

Tgt Ion:146 Resp: 795642
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
111 41.1 33.3 49.9

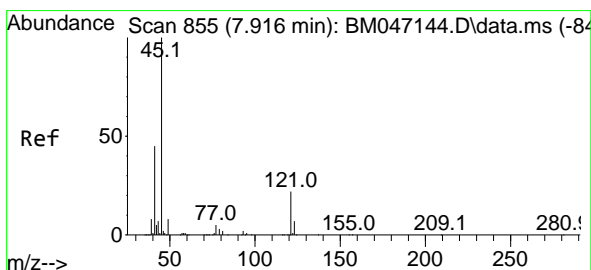
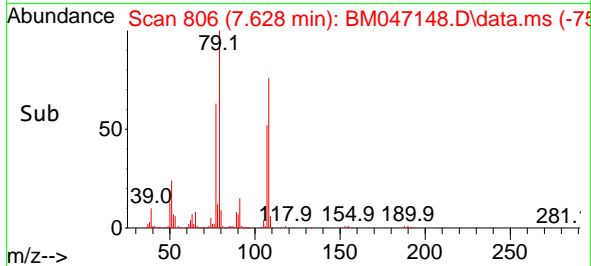
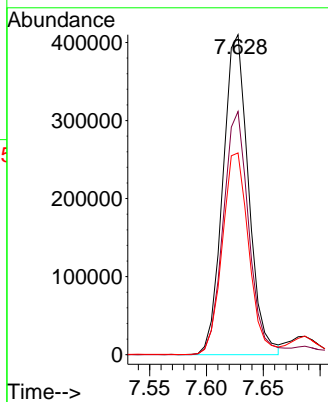
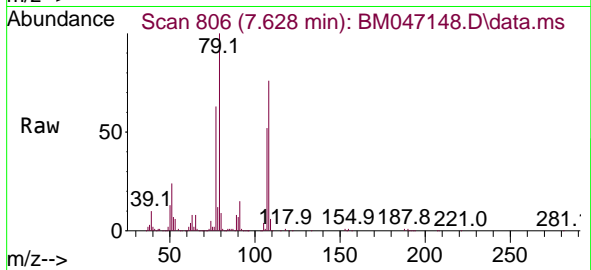




#15
 Benzyl Alcohol
 Concen: 39.581 ng
 RT: 7.628 min Scan# 806
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

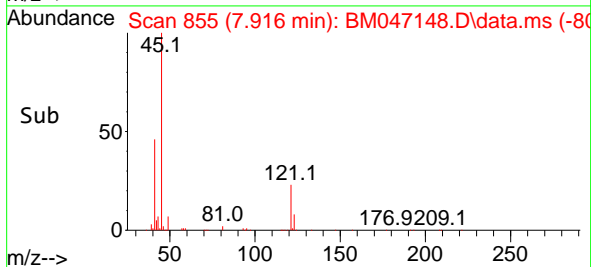
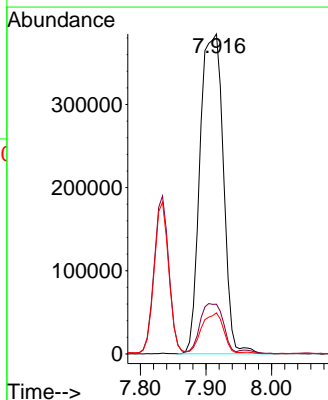
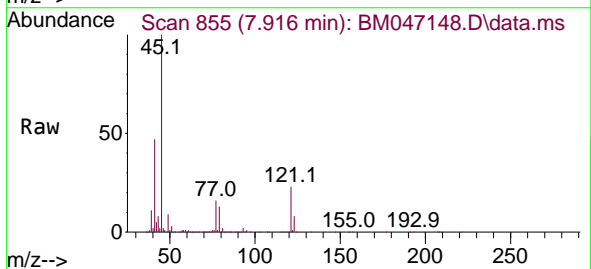
Instrument : BNA_M
 Client Sample Id : ICVBM081024

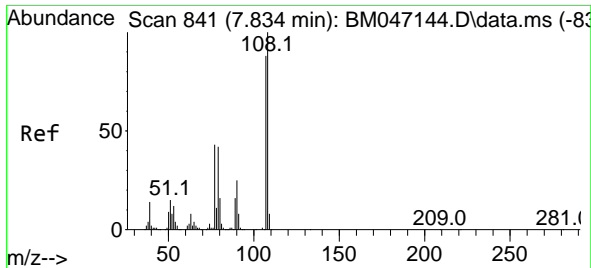
Tgt Ion	Resp	Lower	Upper
79	100		
108	76.0	59.7	89.5
77	63.1	52.9	79.3



#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 37.800 ng
 RT: 7.916 min Scan# 855
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion	Resp	Lower	Upper
45	100		
77	15.5	0.0	35.6
79	12.8	0.0	32.4

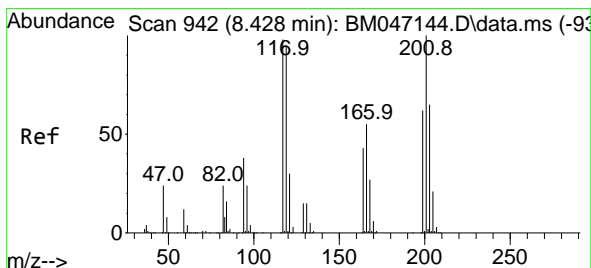
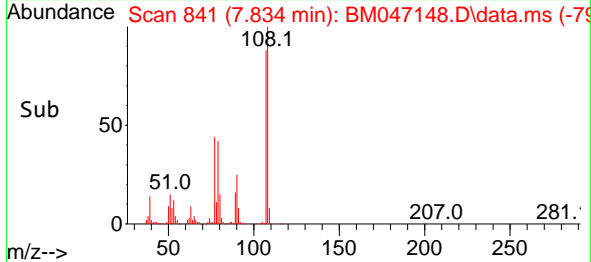
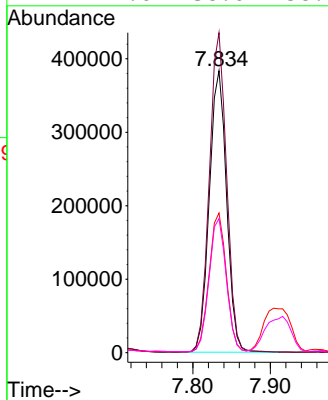
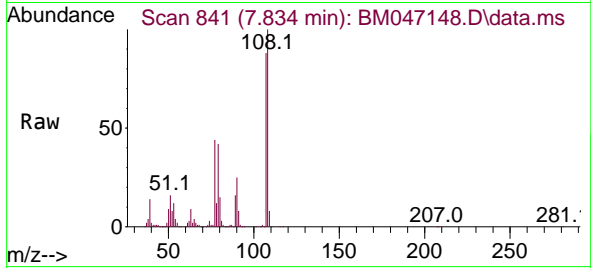




#17
 2-Methylphenol
 Concen: 39.168 ng
 RT: 7.834 min Scan# 841
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

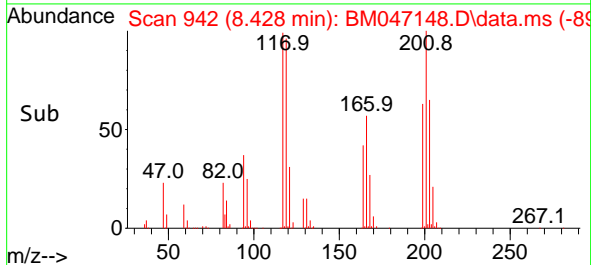
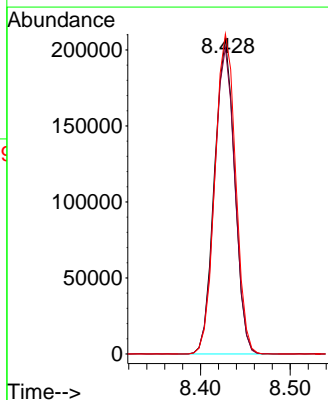
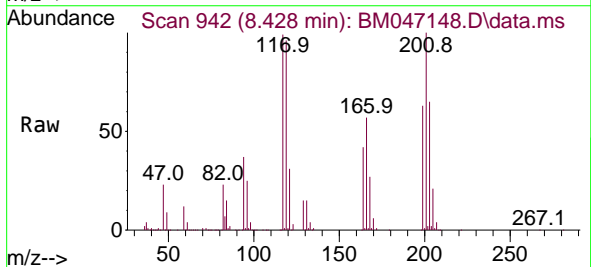
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

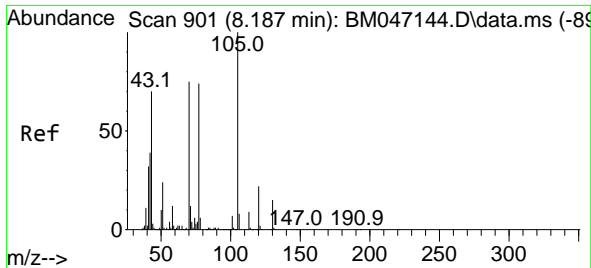
Tgt Ion	Resp	Lower	Upper
107	595894		
108	113.5	90.6	135.8
77	49.5	39.3	58.9
79	47.6	38.6	58.0



#18
 Hexachloroethane
 Concen: 38.447 ng
 RT: 8.428 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion	Resp	Lower	Upper
117	324138		
119	96.9	77.0	115.4
201	101.3	81.3	121.9





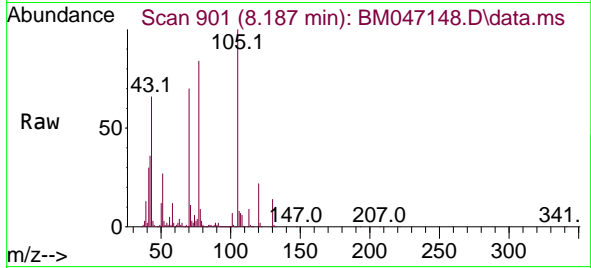
#19
 n-Nitroso-di-n-propylamine
 Concen: 37.864 ng
 RT: 8.187 min Scan# 901
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :

BNA_M

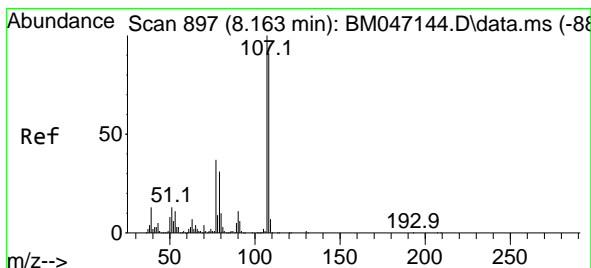
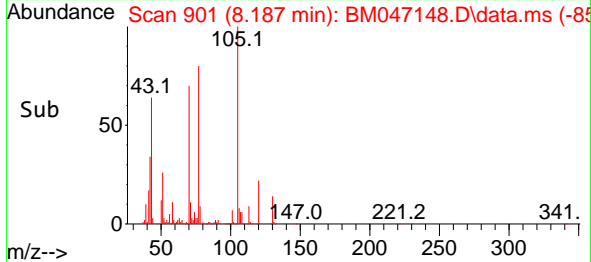
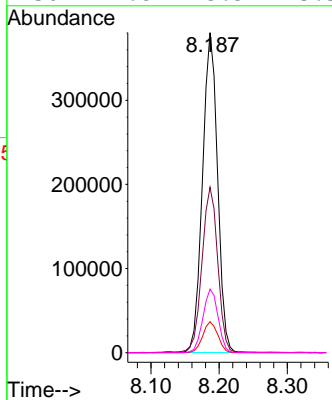
ClientSampleId :

ICVBM081024



Tgt Ion: 70 Resp: 582895

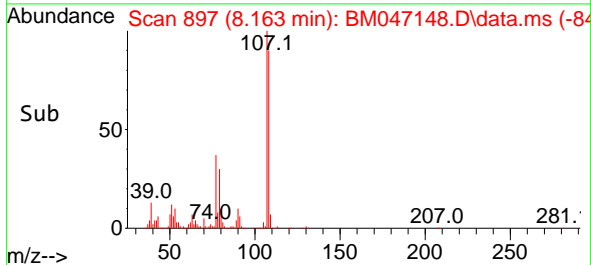
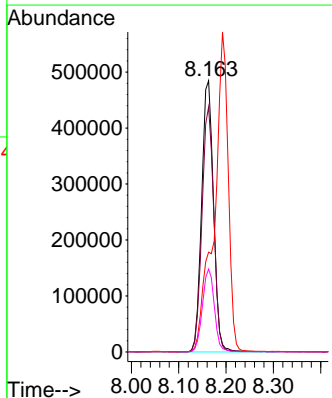
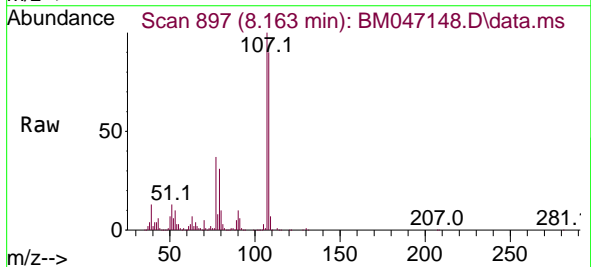
Ion	Ratio	Lower	Upper
70	100		
42	51.7	42.0	63.0
101	9.7	7.2	10.8
130	19.8	15.5	23.3

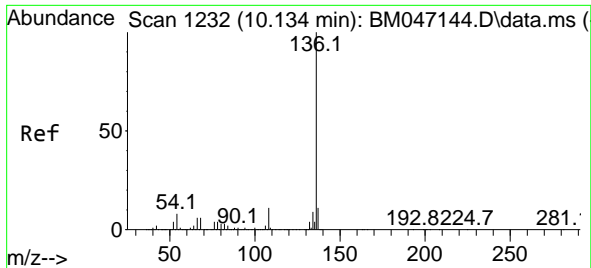


#20
 3+4-Methylphenols
 Concen: 39.723 ng
 RT: 8.163 min Scan# 897
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion: 107 Resp: 844879

Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.7	110.7
77	36.8	17.4	57.4
79	30.6	10.9	50.9





#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.128 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :

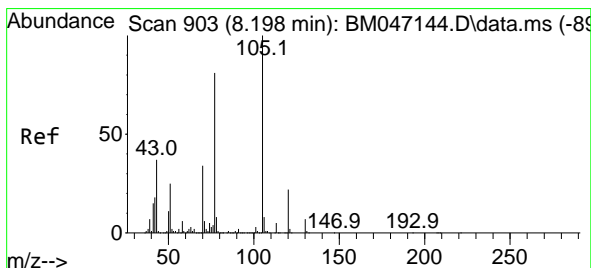
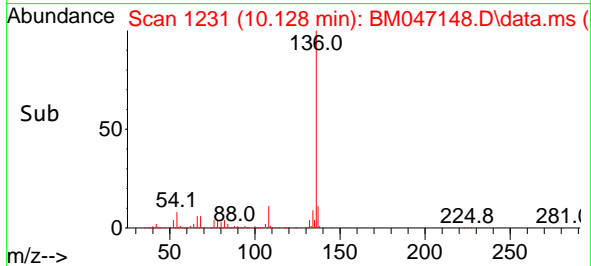
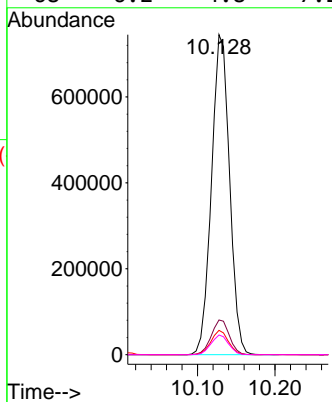
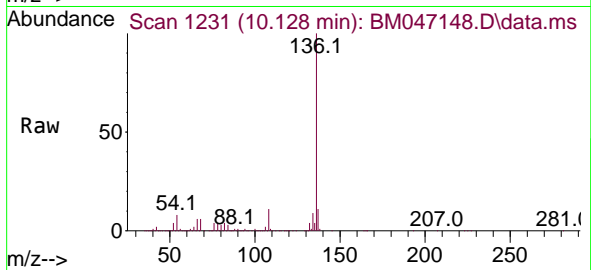
BNA_M

ClientSampleId :

ICVBM081024

Tgt Ion:136 Resp: 1206414

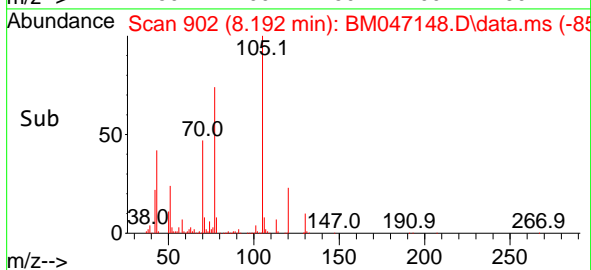
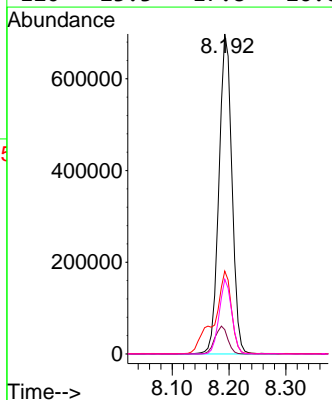
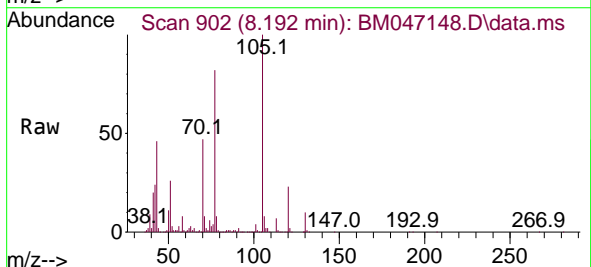
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	6.0	9.0
68	6.2	4.8	7.2

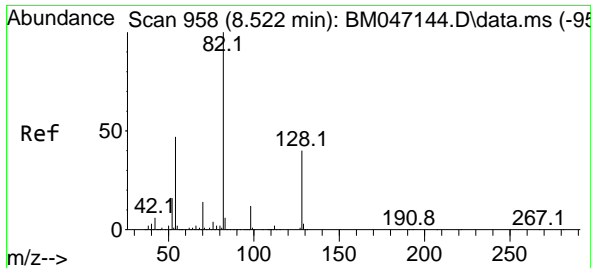


#22
 Acetophenone
 Concen: 38.108 ng
 RT: 8.192 min Scan# 902
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:105 Resp: 1109726

Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.5	6.7#
51	25.9	20.1	30.1
120	23.3	17.8	26.6





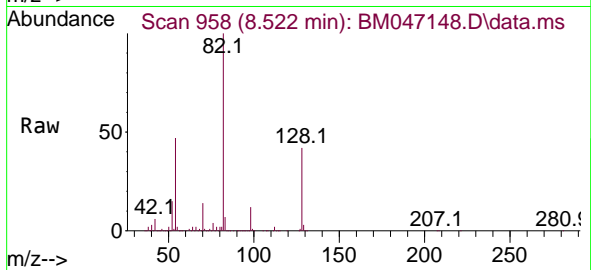
#23
Nitrobenzene-d5
Concen: 77.088 ng
RT: 8.522 min Scan# 911
Delta R.T. -0.000 min
Lab File: BM047148.D
Acq: 10 Aug 2024 19:10

Instrument :

BNA_M

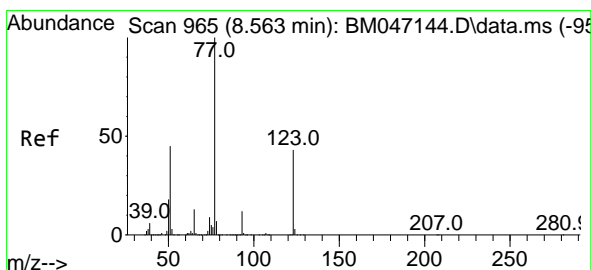
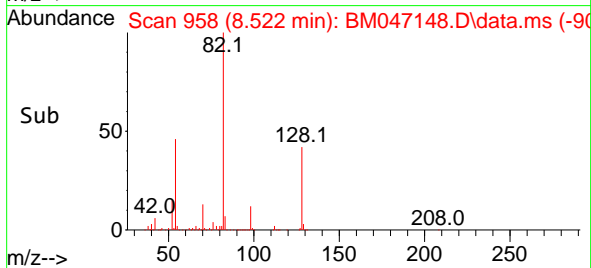
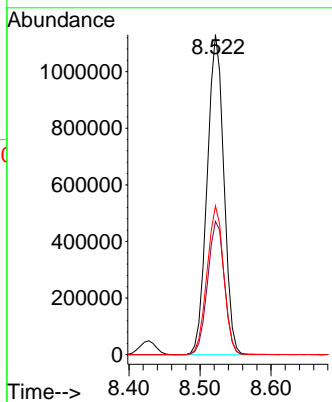
ClientSampleId :

ICVBM081024

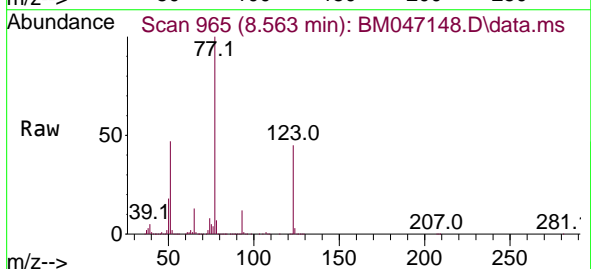


Tgt Ion: 82 Resp: 1846961

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.3	48.5
54	46.5	37.4	56.2

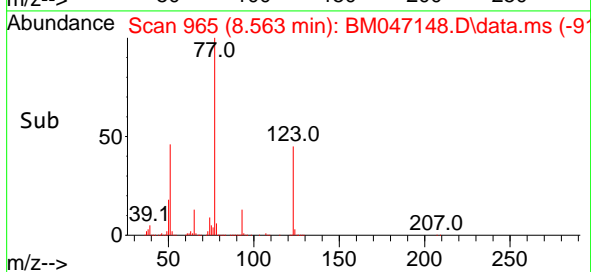
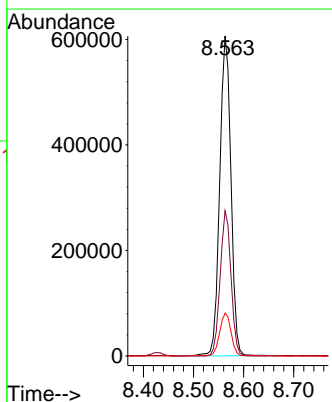


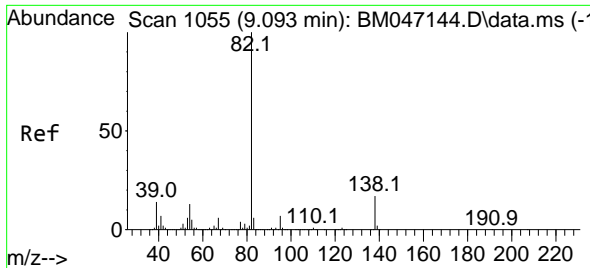
#24
Nitrobenzene
Concen: 38.978 ng
RT: 8.563 min Scan# 965
Delta R.T. -0.000 min
Lab File: BM047148.D
Acq: 10 Aug 2024 19:10



Tgt Ion: 77 Resp: 940366

Ion	Ratio	Lower	Upper
77	100		
123	45.3	34.0	51.0
65	13.4	10.5	15.7



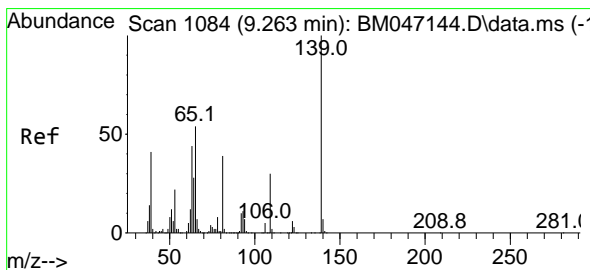
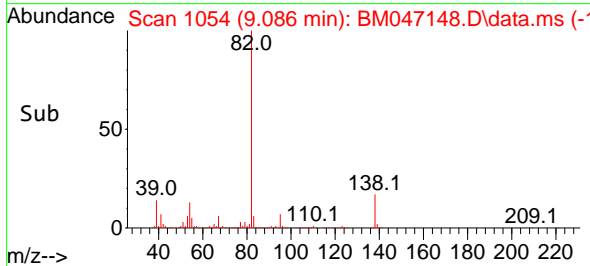
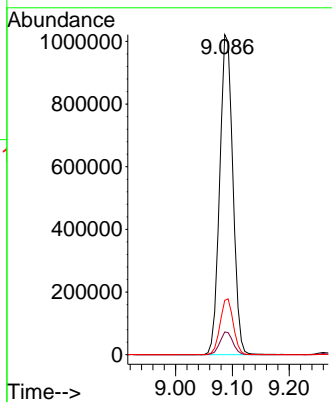
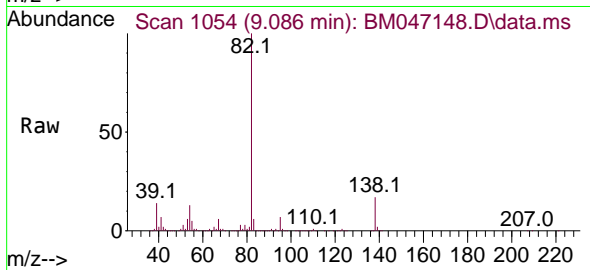


#25
 Isophorone
 Concen: 39.554 ng
 RT: 9.086 min Scan# 1054
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument : BNA_M
 ClientSampleId : ICVBM081024

Tgt Ion: 82 Resp: 1650061

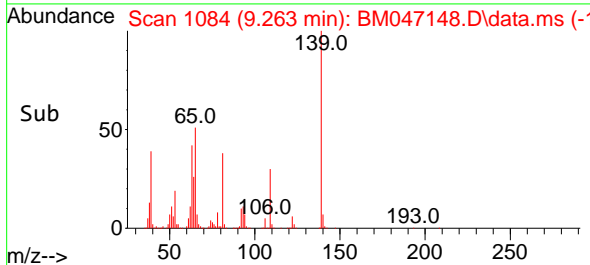
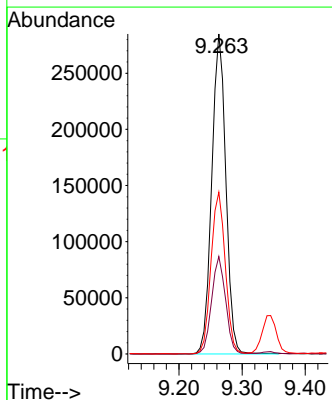
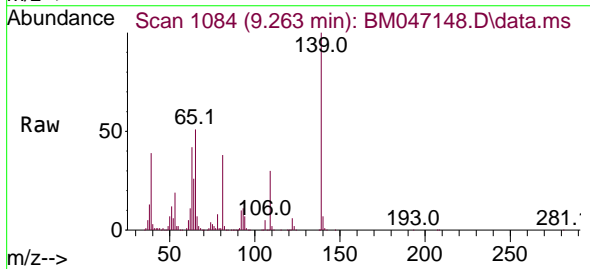
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	17.0	13.5	20.3

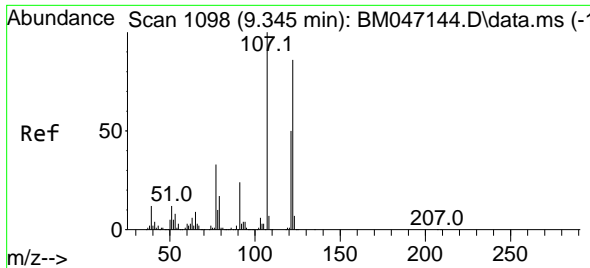


#26
 2-Nitrophenol
 Concen: 41.274 ng
 RT: 9.263 min Scan# 1084
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion: 139 Resp: 440983

Ion	Ratio	Lower	Upper
139	100		
109	30.4	24.4	36.6
65	50.6	43.0	64.6

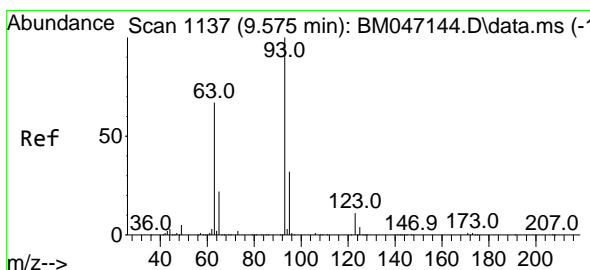
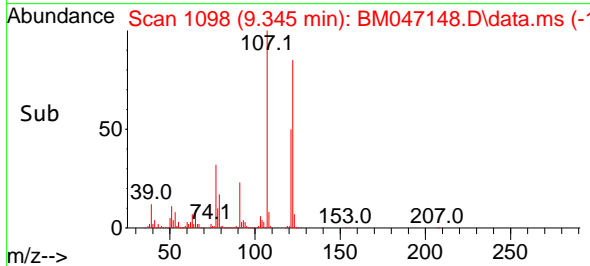
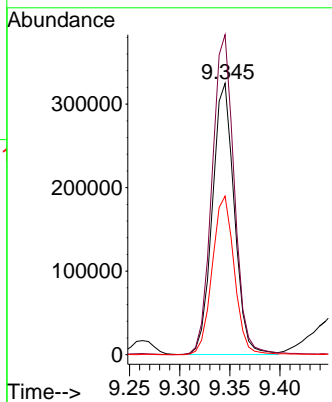
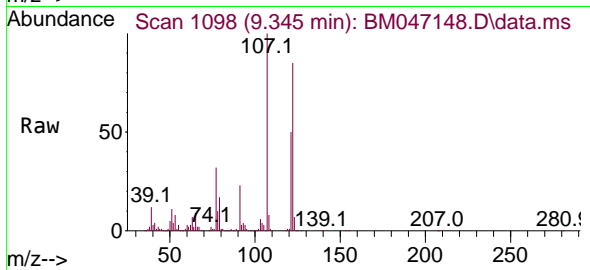




#27
 2,4-Dimethylphenol
 Concen: 39.547 ng
 RT: 9.345 min Scan# 1098
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

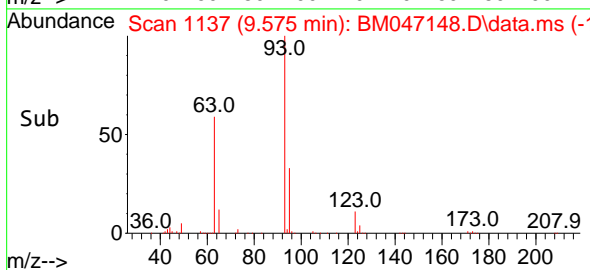
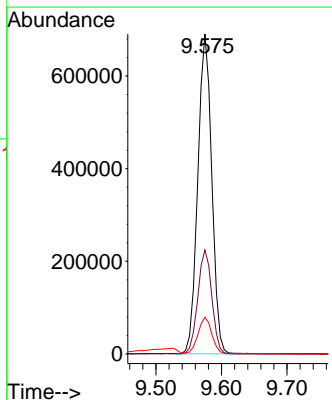
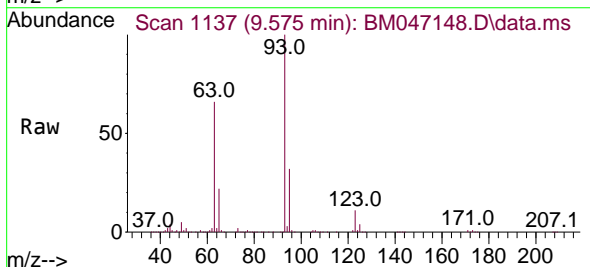
Instrument : BNA_M
 Client Sample Id : ICVBM081024

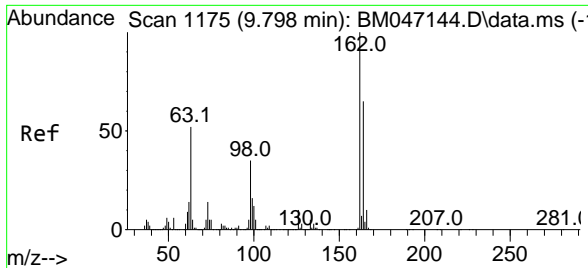
Tgt Ion	Resp	Lower	Upper
122	494953		
107	117.9	92.8	139.2
121	58.4	46.1	69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.022 ng
 RT: 9.575 min Scan# 1137
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion	Resp	Lower	Upper
93	1024303		
95	32.5	25.8	38.8
123	11.4	9.0	13.4





#29
 2,4-Dichlorophenol
 Concen: 40.983 ng
 RT: 9.792 min Scan# 1174
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :

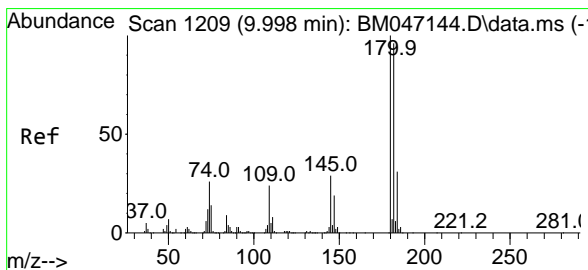
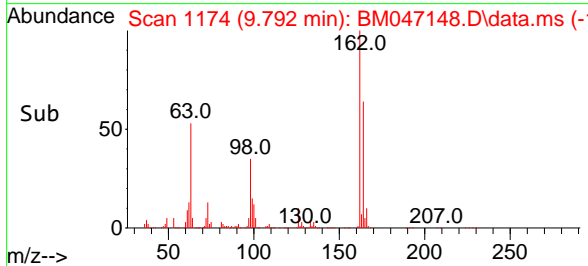
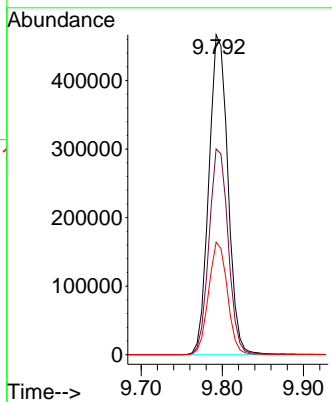
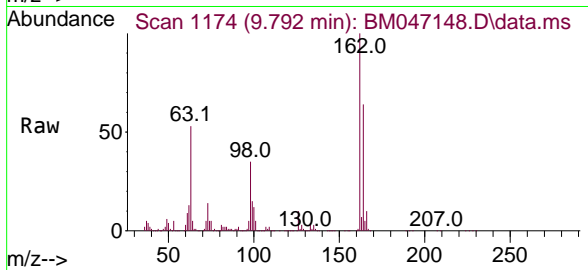
BNA_M

ClientSampleId :

ICVBM081024

Tgt Ion:162 Resp: 761049

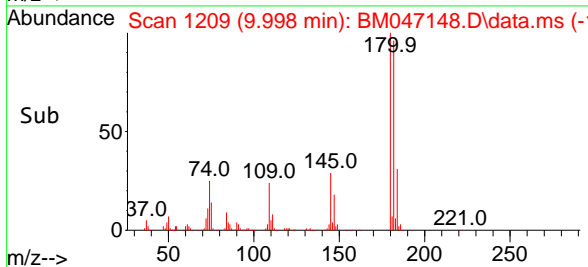
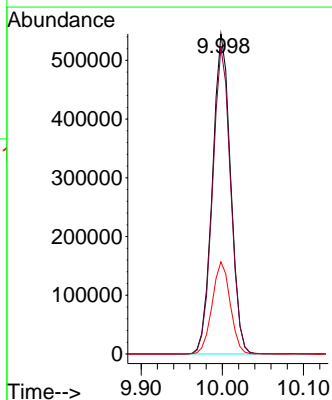
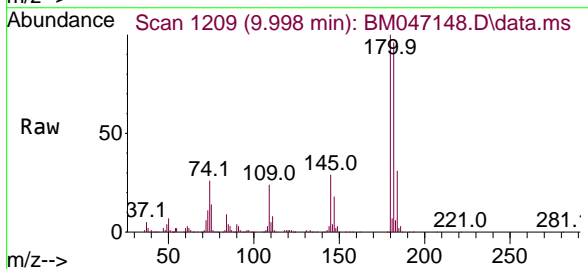
Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.7	84.7
98	35.1	14.9	54.9

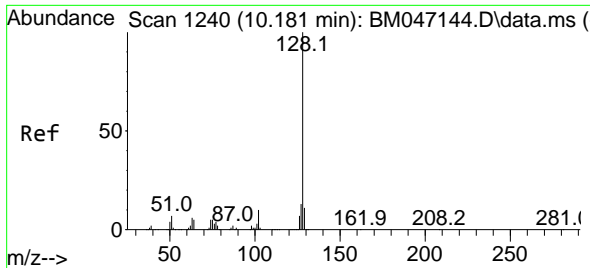


#30
 1,2,4-Trichlorobenzene
 Concen: 40.261 ng
 RT: 9.998 min Scan# 1209
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:180 Resp: 846099

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.6	115.0
145	28.8	23.4	35.2



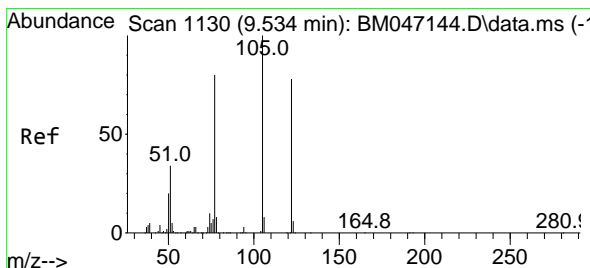
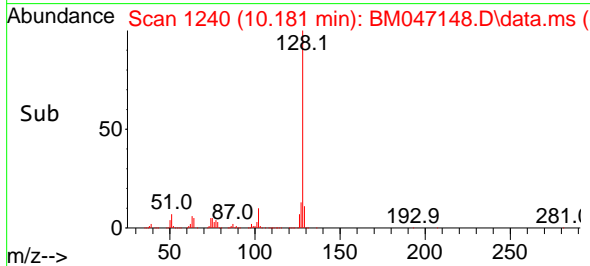
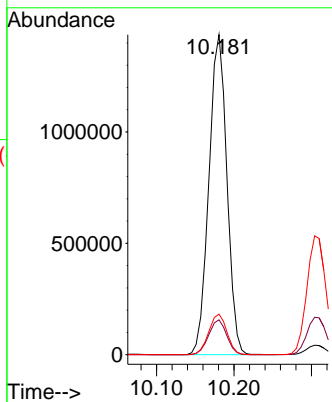
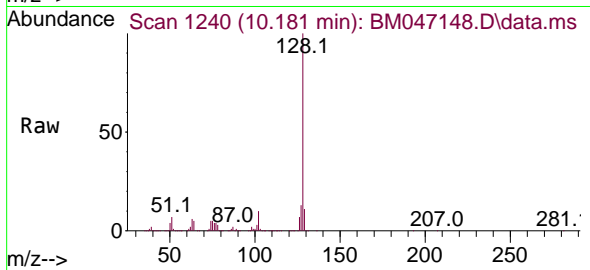


#31
 Naphthalene
 Concen: 38.564 ng
 RT: 10.181 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Tgt Ion:128 Resp: 2317673

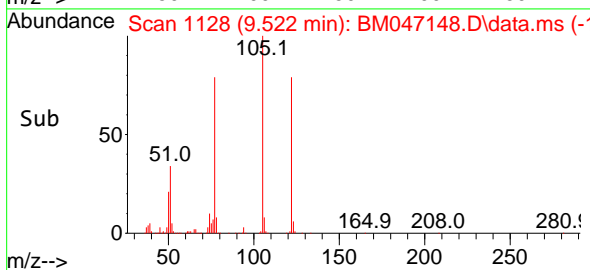
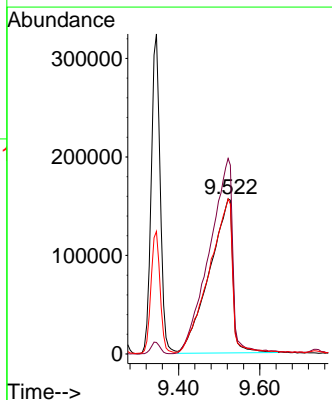
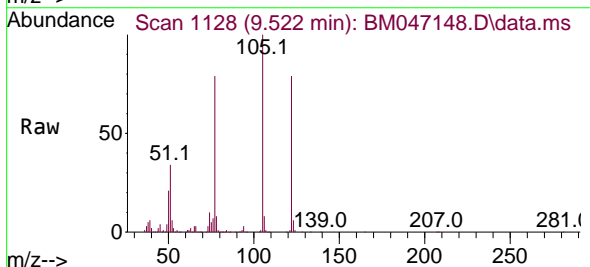
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	12.7	10.2	15.4

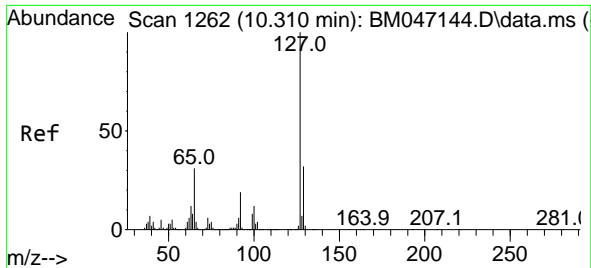


#32
 Benzoic acid
 Concen: 43.072 ng
 RT: 9.522 min Scan# 1128
 Delta R.T. -0.012 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:122 Resp: 626290

Ion	Ratio	Lower	Upper
122	100		
105	126.1	107.1	147.1
77	100.0	82.1	122.1





#33
 4-Chloroaniline
 Concen: 40.265 ng
 RT: 10.304 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :

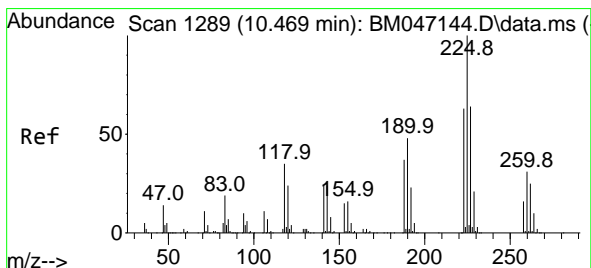
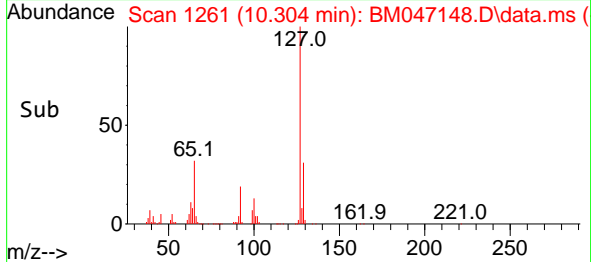
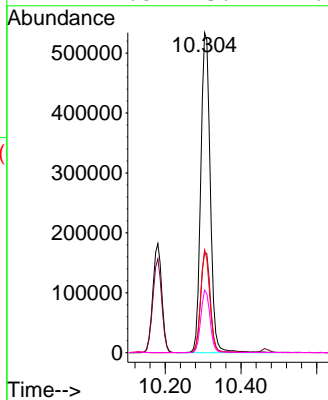
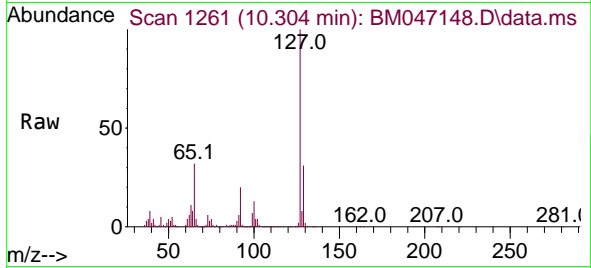
BNA_M

ClientSampleId :

ICVBM081024

Tgt Ion:127 Resp: 930580

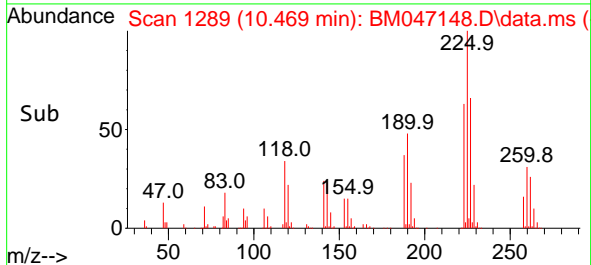
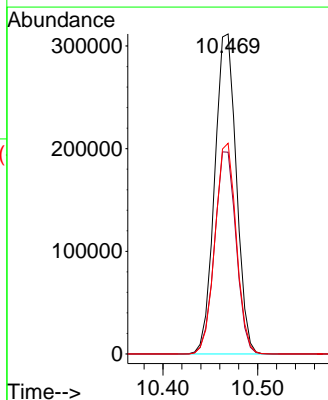
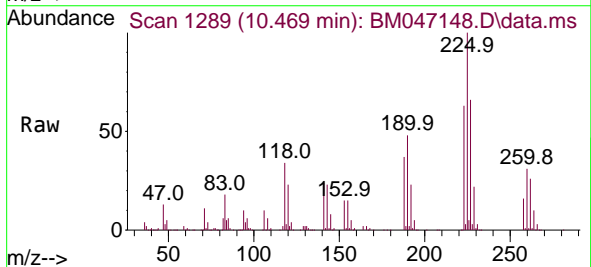
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.8
65	32.1	24.9	37.3
92	19.6	15.1	22.7

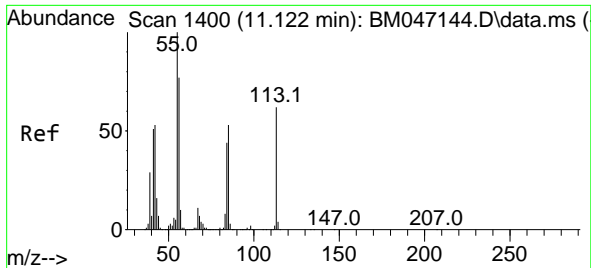


#34
 Hexachlorobutadiene
 Concen: 40.254 ng
 RT: 10.469 min Scan# 1289
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:225 Resp: 495141

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.2
227	65.9	51.4	77.0



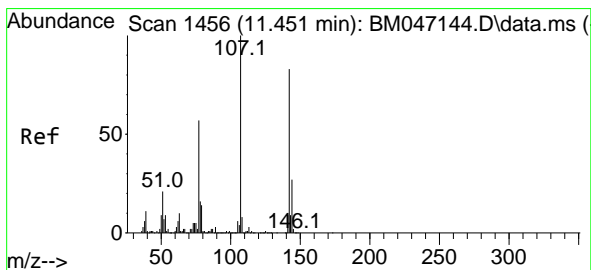
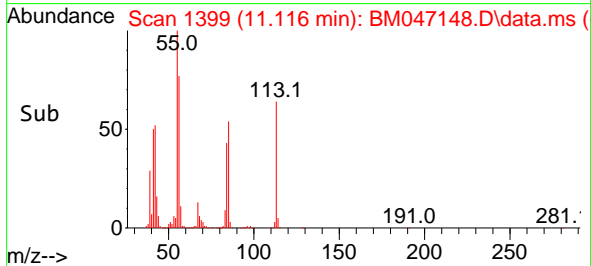
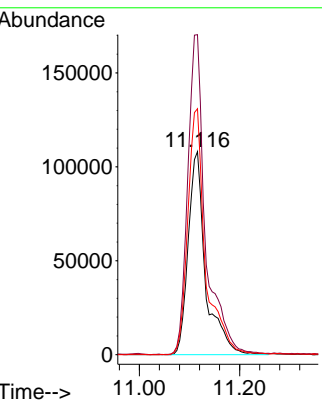
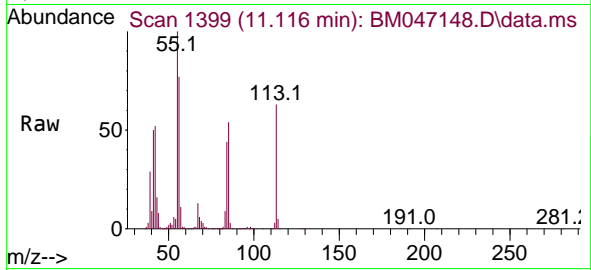


#35
 Caprolactam
 Concen: 40.543 ng
 RT: 11.116 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Tgt Ion:113 Resp: 261463

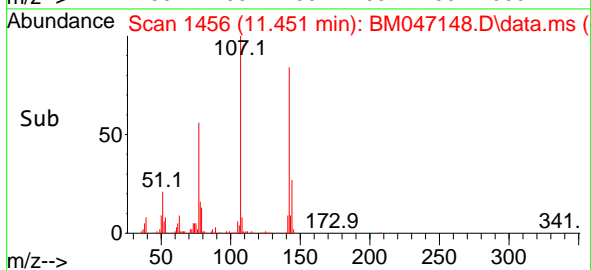
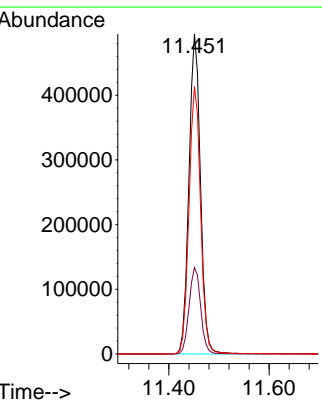
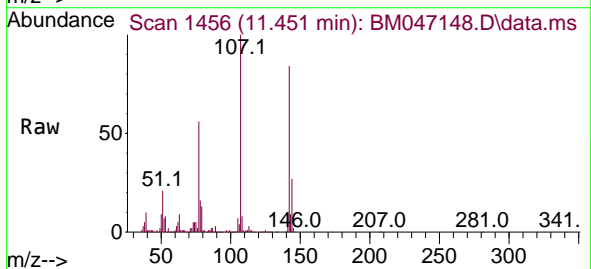
Ion	Ratio	Lower	Upper
113	100		
55	157.5	140.5	180.5
56	121.0	103.6	143.6

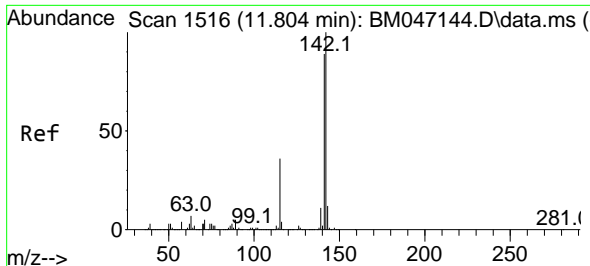


#36
 4-Chloro-3-methylphenol
 Concen: 39.811 ng
 RT: 11.451 min Scan# 1456
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:107 Resp: 787338

Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.8	32.6
142	83.5	66.8	100.2



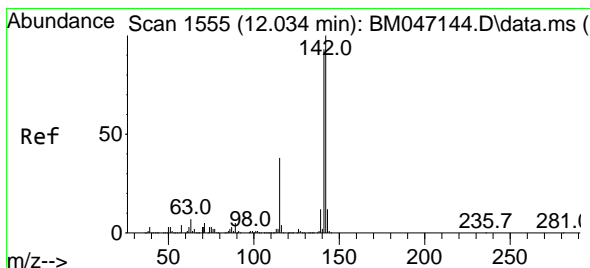
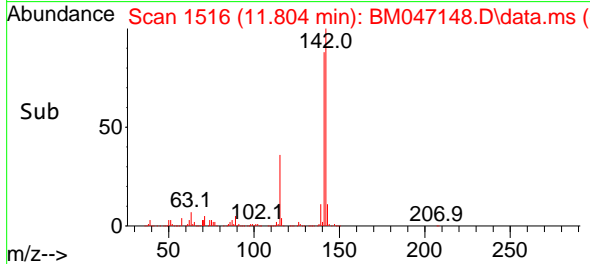
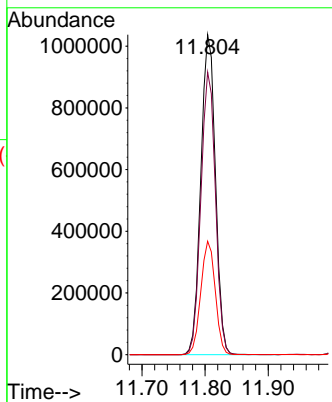
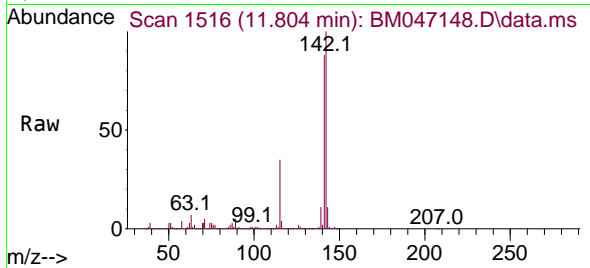


#37
 2-Methylnaphthalene
 Concen: 38.968 ng
 RT: 11.804 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Tgt Ion:142 Resp: 1667488

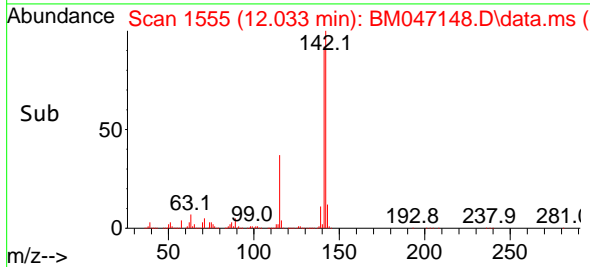
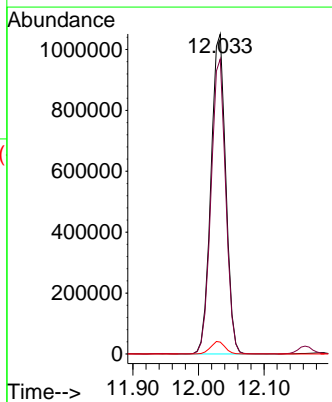
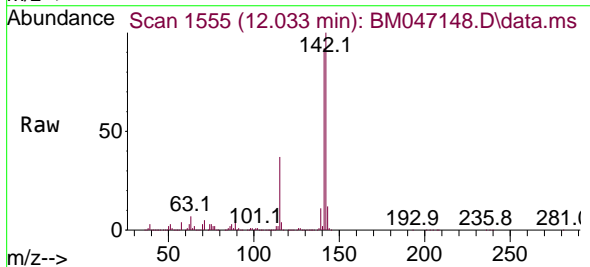
Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.9	106.3
115	35.5	28.7	43.1

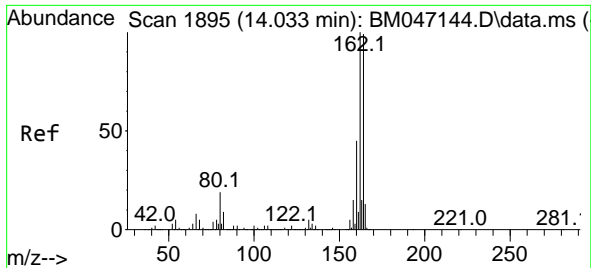


#38
 1-Methylnaphthalene
 Concen: 38.877 ng
 RT: 12.033 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:142 Resp: 1644135

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.6	111.8
116	3.7	3.1	4.7



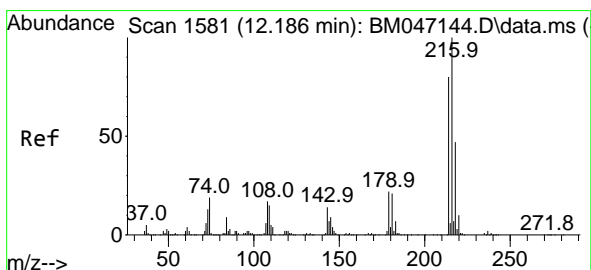
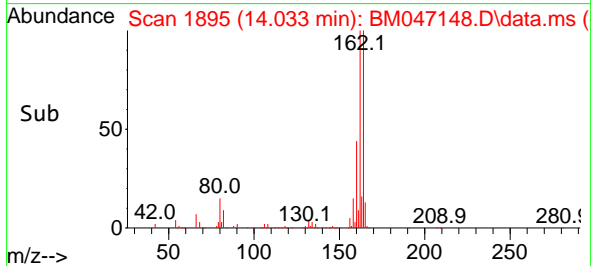
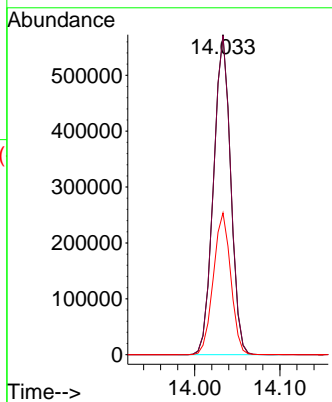
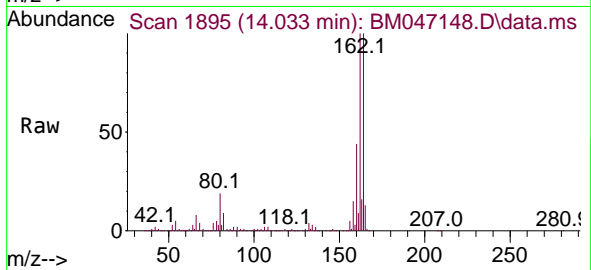


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.033 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Tgt Ion:164 Resp: 800129

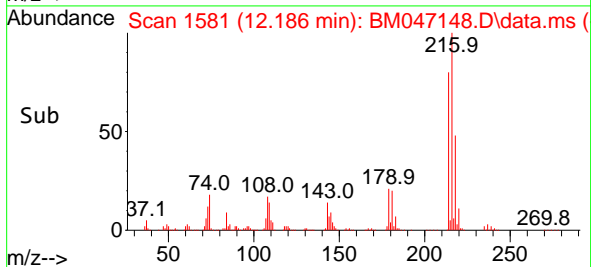
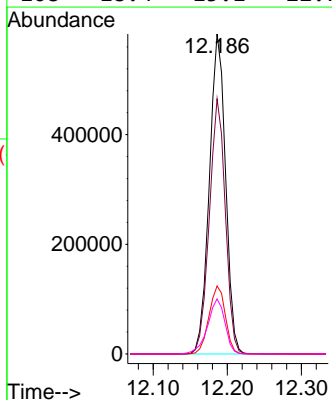
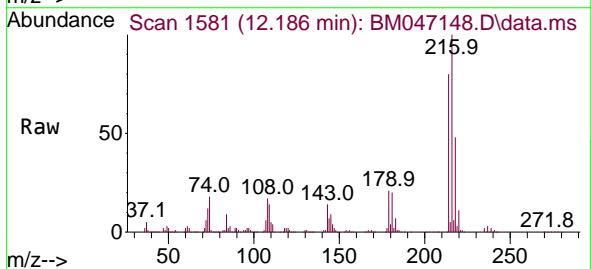
Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.7	121.1
160	44.3	36.0	54.0

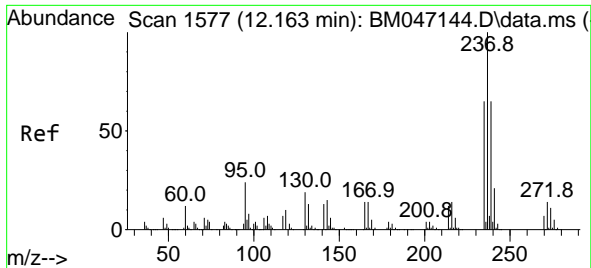


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.555 ng
 RT: 12.186 min Scan# 1581
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:216 Resp: 885065

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.2
179	21.5	17.6	26.4
108	18.4	15.1	22.7



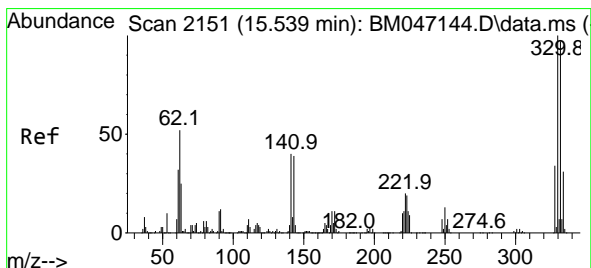
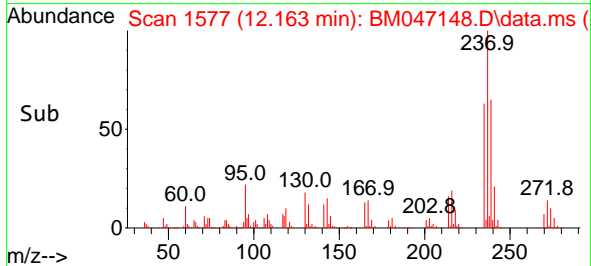
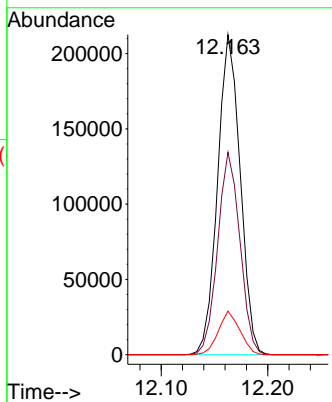
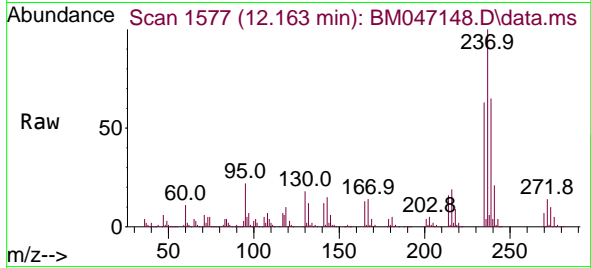


#41
 Hexachlorocyclopentadiene
 Concen: 41.042 ng
 RT: 12.163 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Tgt Ion:237 Resp: 312767

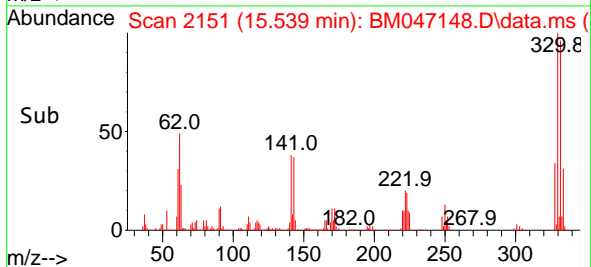
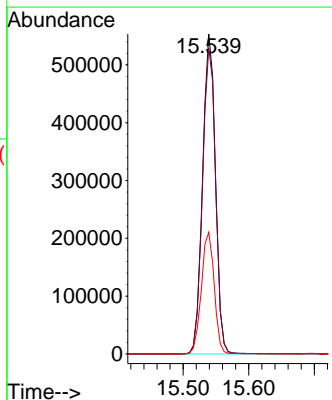
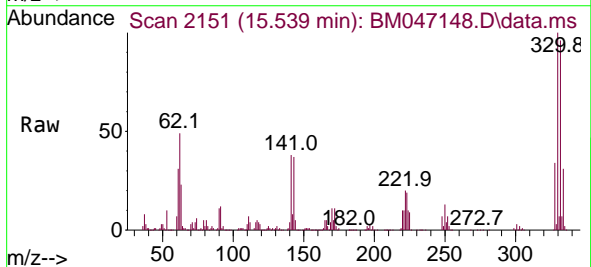
Ion	Ratio	Lower	Upper
237	100		
235	63.3	44.8	84.8
272	13.6	0.0	33.5

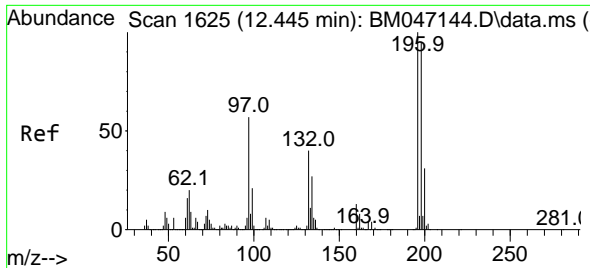


#42
 2,4,6-Tribromophenol
 Concen: 81.608 ng
 RT: 15.539 min Scan# 2151
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:330 Resp: 757124

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	38.1	31.6	47.4



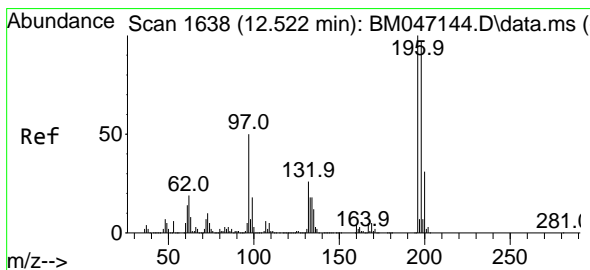
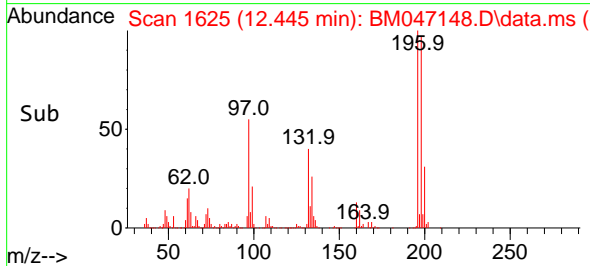
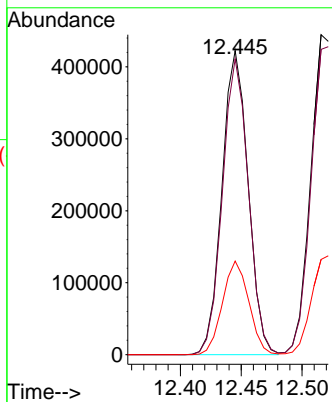
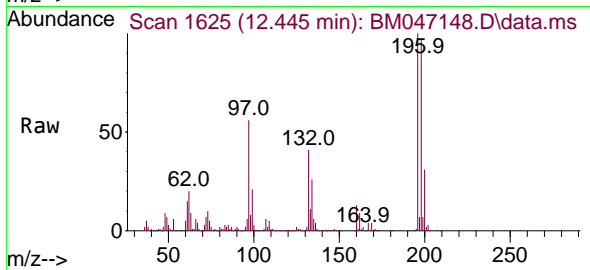


#43
 2,4,6-Trichlorophenol
 Concen: 40.777 ng
 RT: 12.445 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument : BNA_M
 ClientSampleId : ICVBM081024

Tgt Ion:196 Resp: 632529

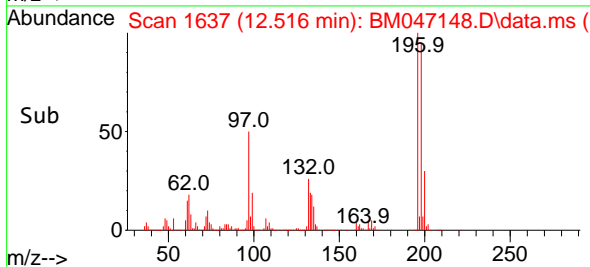
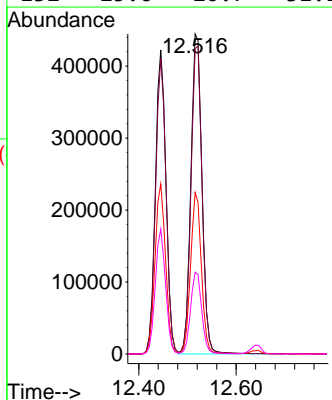
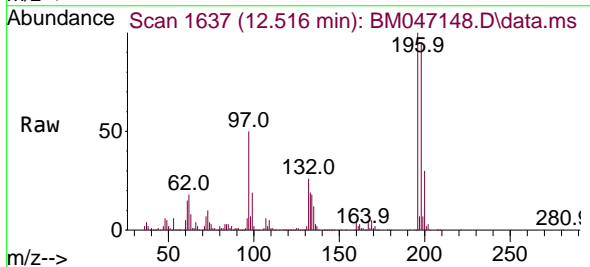
Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.6	113.4
200	30.8	24.6	37.0

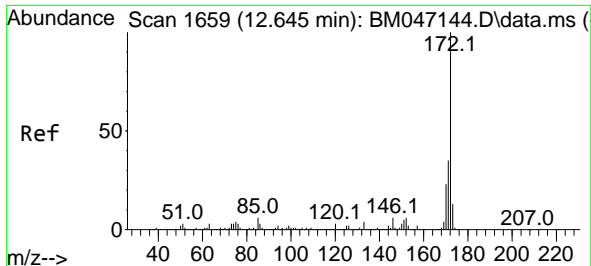


#44
 2,4,5-Trichlorophenol
 Concen: 41.066 ng
 RT: 12.516 min Scan# 1637
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:196 Resp: 707267

Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.7	116.5
97	50.5	39.8	59.8
132	25.6	20.7	31.1





#45
 2-Fluorobiphenyl
 Concen: 78.722 ng
 RT: 12.639 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :

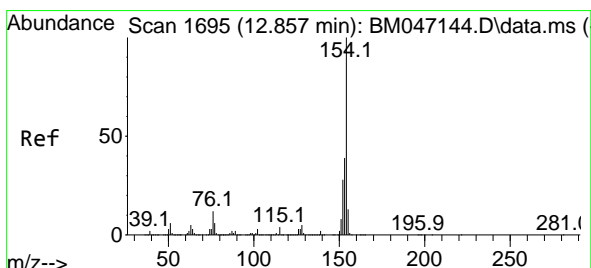
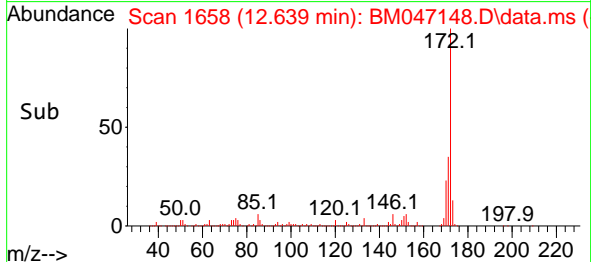
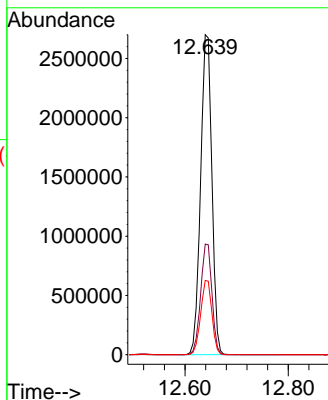
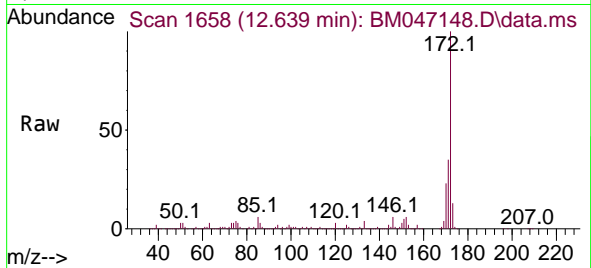
BNA_M

Client Sample Id :

ICVBM081024

Tgt Ion:172 Resp: 4083420

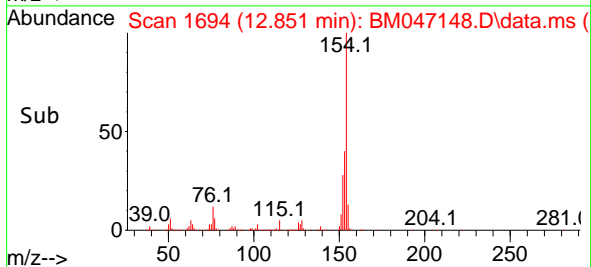
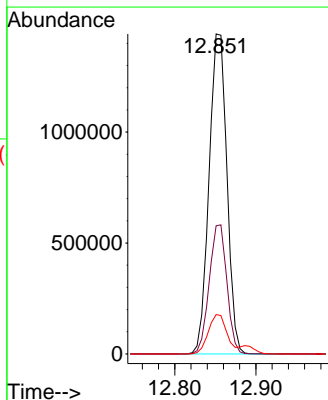
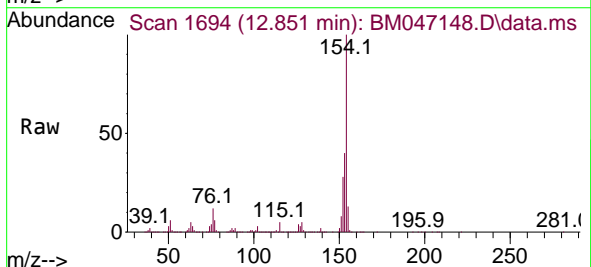
Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.2	18.7	28.1

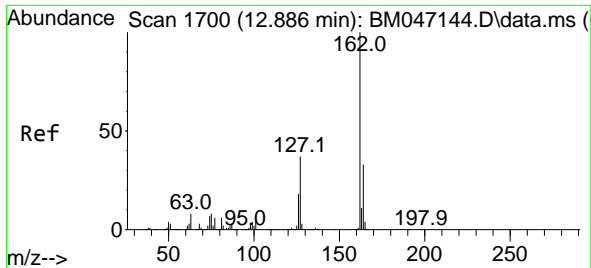


#46
 1,1'-Biphenyl
 Concen: 38.622 ng
 RT: 12.851 min Scan# 1694
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:154 Resp: 2199985

Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.0	59.0
76	12.3	0.0	31.9



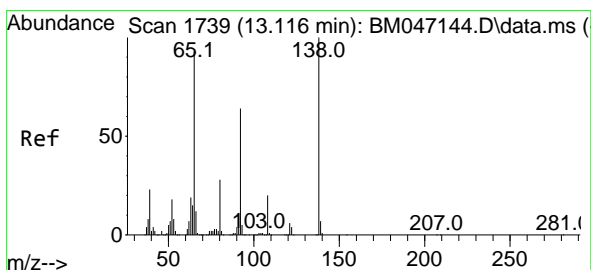
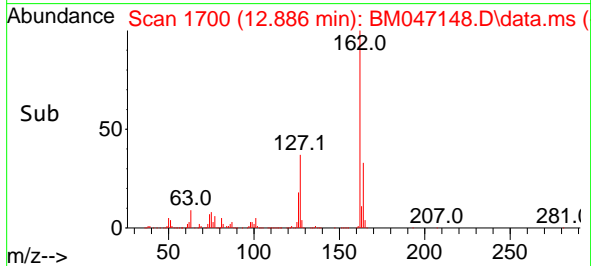
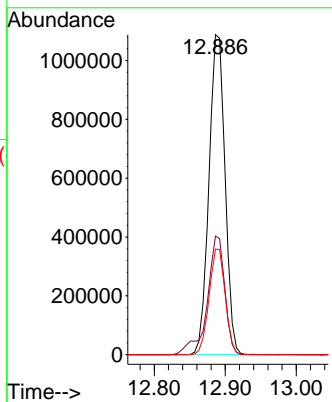
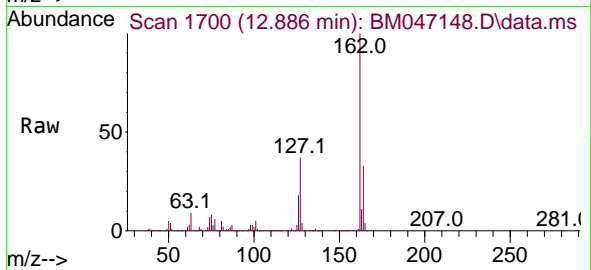


#47
2-Chloronaphthalene
Concen: 38.460 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM047148.D
Acq: 10 Aug 2024 19:10

Instrument : BNA_M
Client Sample Id : ICVBM081024

Tgt Ion: 162 Resp: 1712308

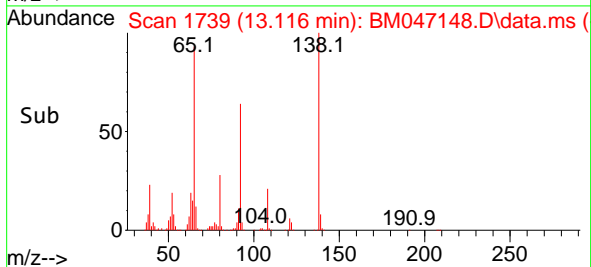
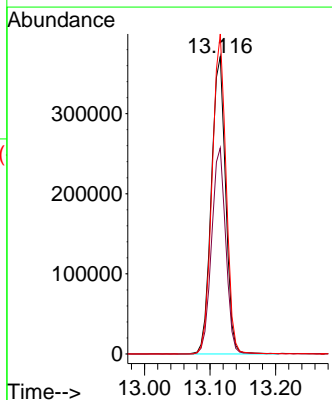
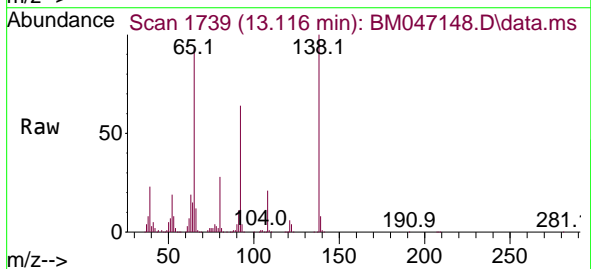
Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.0	45.0
164	33.0	26.3	39.5

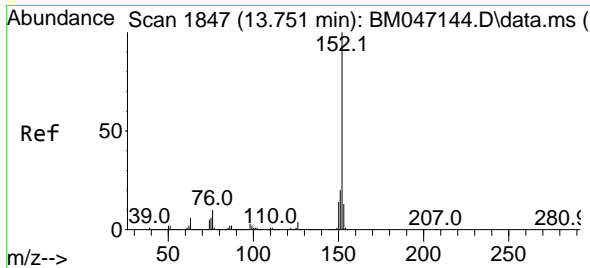


#48
2-Nitroaniline
Concen: 40.230 ng
RT: 13.116 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BM047148.D
Acq: 10 Aug 2024 19:10

Tgt Ion: 65 Resp: 561121

Ion	Ratio	Lower	Upper
65	100		
92	69.3	55.1	82.7
138	107.6	85.9	128.9



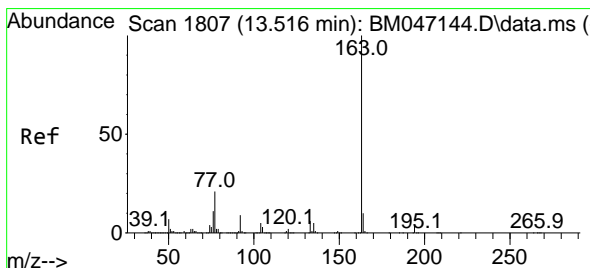
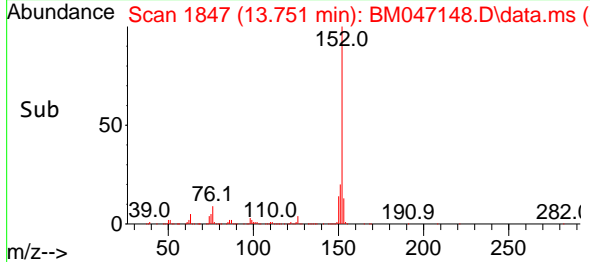
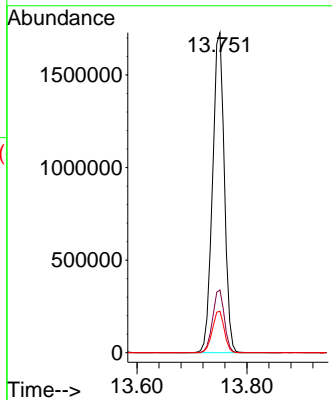
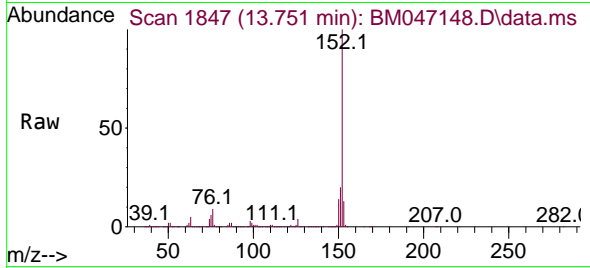


#49
 Acenaphthylene
 Concen: 39.270 ng
 RT: 13.751 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument : BNA_M
 ClientSampleId : ICVBM081024

Tgt Ion:152 Resp: 2577143

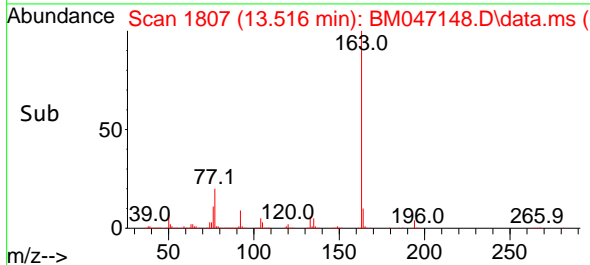
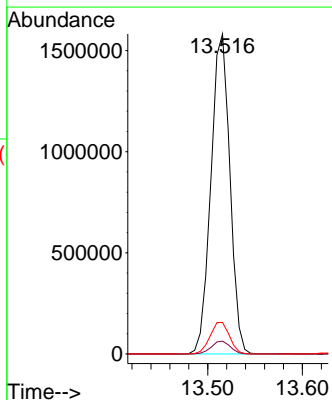
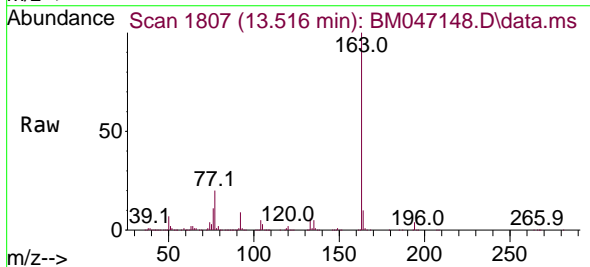
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	12.9	10.4	15.6

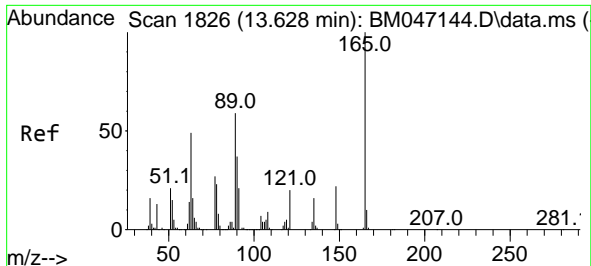


#50
 Dimethylphthalate
 Concen: 39.364 ng
 RT: 13.516 min Scan# 1807
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:163 Resp: 2199717

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.8	8.0	12.0





#51
 2,6-Dinitrotoluene
 Concen: 40.338 ng
 RT: 13.627 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :

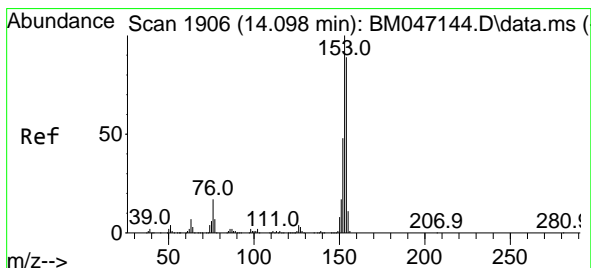
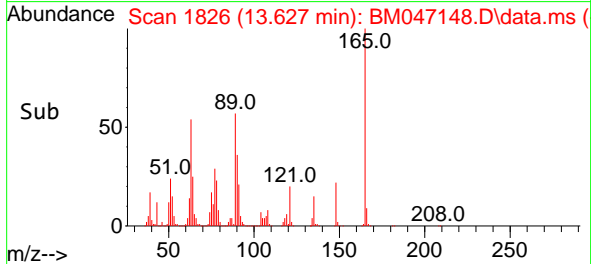
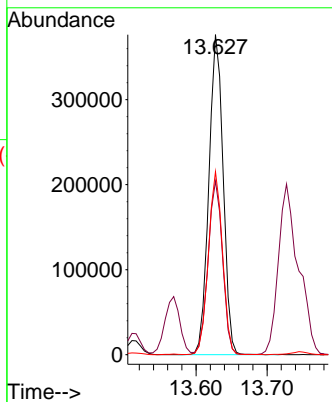
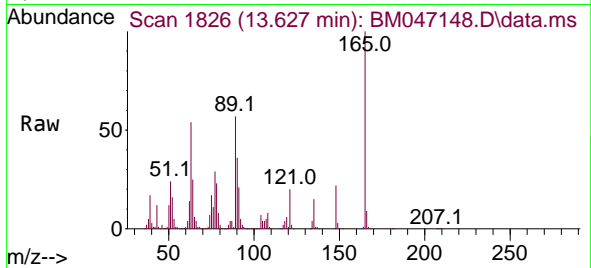
BNA_M

ClientSampleId :

ICVBM081024

Tgt Ion:165 Resp: 526940

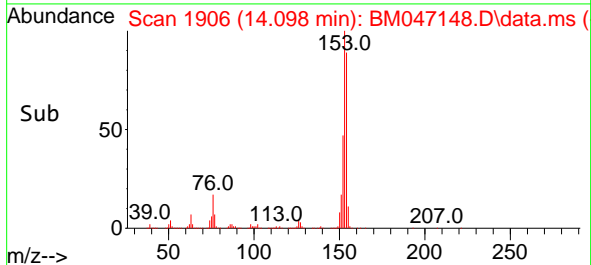
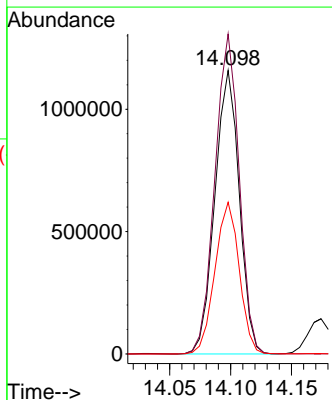
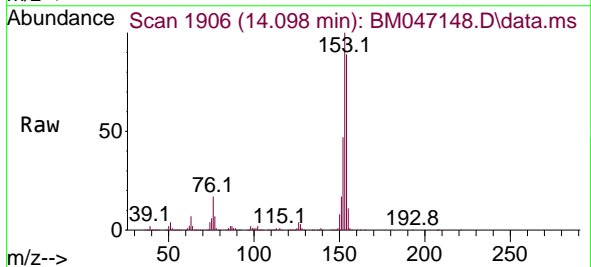
Ion	Ratio	Lower	Upper
165	100		
63	54.3	46.5	69.7
89	57.2	47.3	70.9

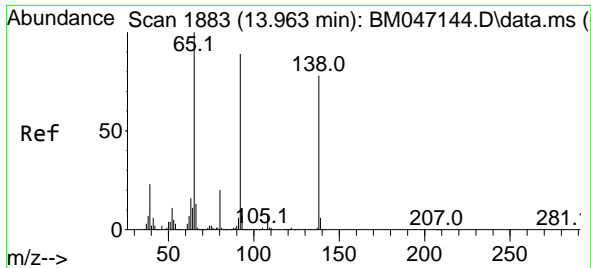


#52
 Acenaphthene
 Concen: 38.828 ng
 RT: 14.098 min Scan# 1906
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:154 Resp: 1616361

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.3	135.5
152	53.5	42.9	64.3



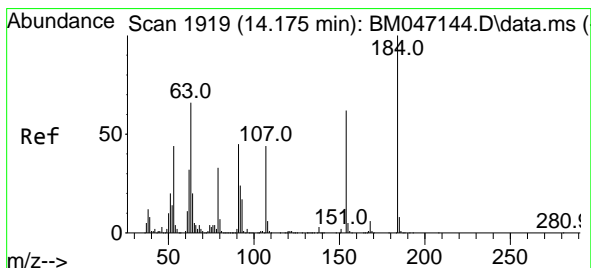
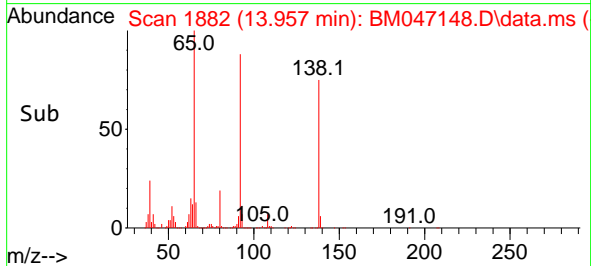
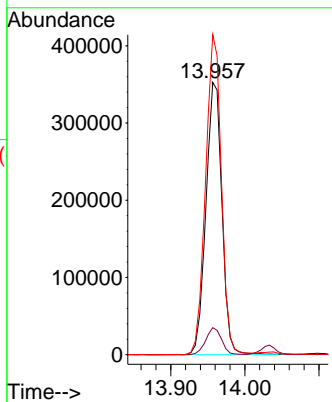
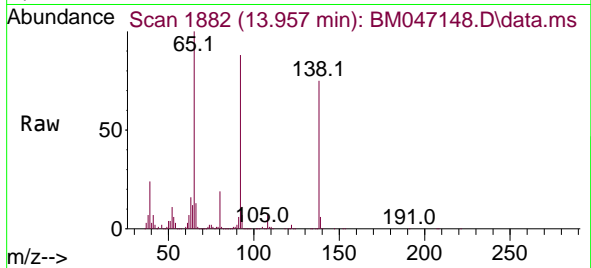


#53
 3-Nitroaniline
 Concen: 40.443 ng
 RT: 13.957 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument : BNA_M
 ClientSampleId : ICVBM081024

Tgt Ion:138 Resp: 529385

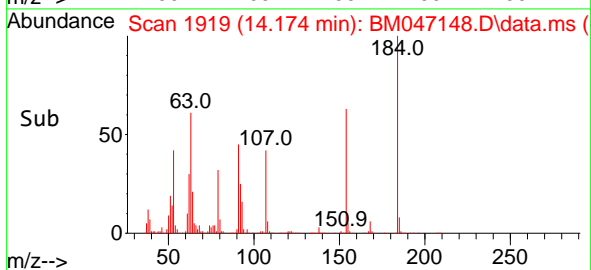
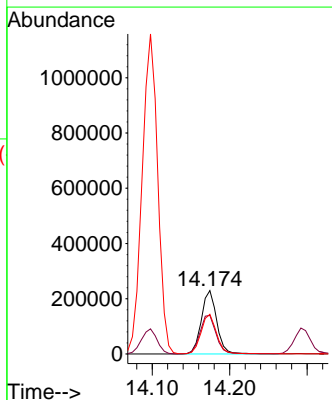
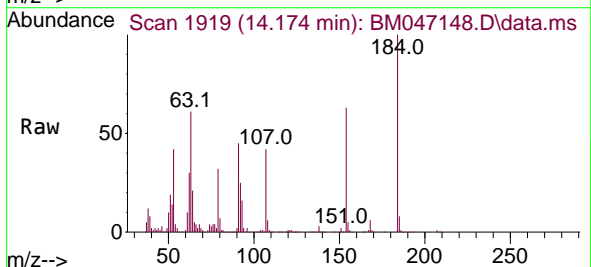
Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	117.5	92.0	138.0

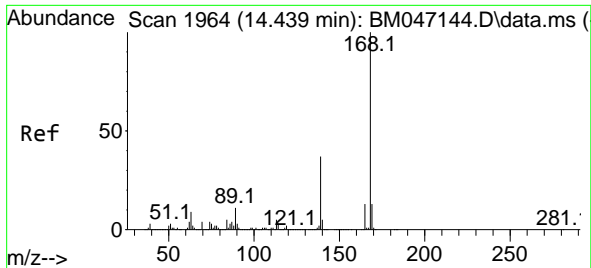


#54
 2,4-Dinitrophenol
 Concen: 40.314 ng
 RT: 14.174 min Scan# 1919
 Delta R.T. -0.001 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:184 Resp: 315633

Ion	Ratio	Lower	Upper
184	100		
63	60.8	52.7	79.1
154	62.7	50.4	75.6



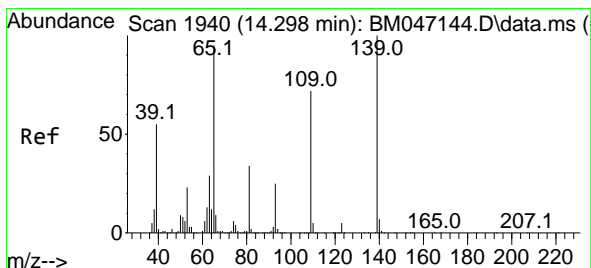
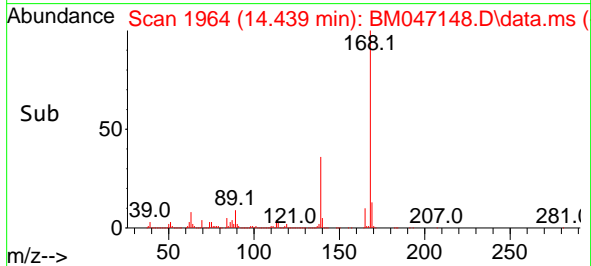
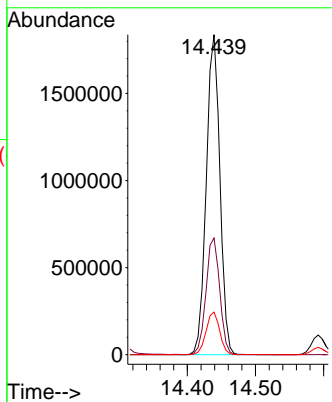
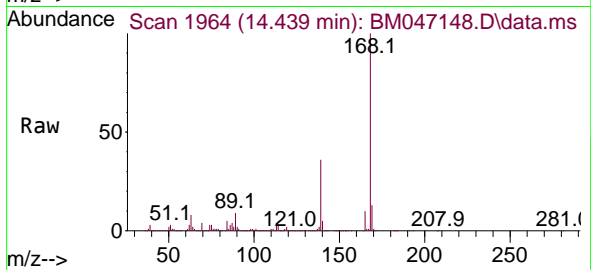


#55
 Dibenzofuran
 Concen: 38.784 ng
 RT: 14.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Tgt Ion:168 Resp: 2550249

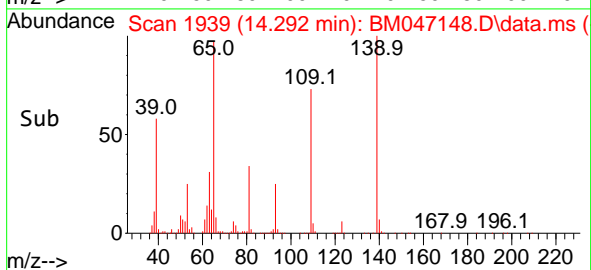
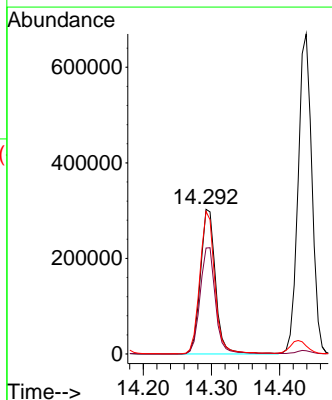
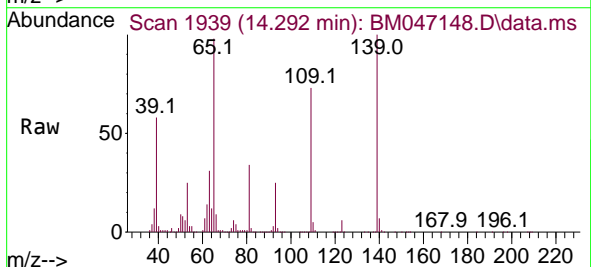
Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.6	44.4
169	13.3	10.7	16.1

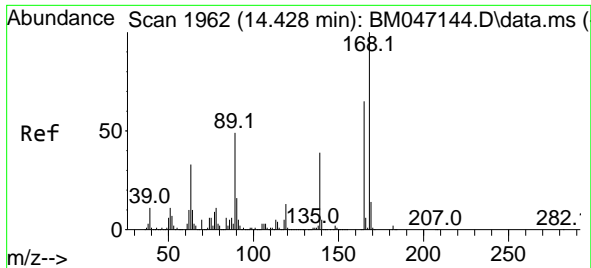


#56
 4-Nitrophenol
 Concen: 41.349 ng
 RT: 14.292 min Scan# 1939
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:139 Resp: 466721

Ion	Ratio	Lower	Upper
139	100		
109	73.3	52.5	92.5
65	98.5	75.4	115.4





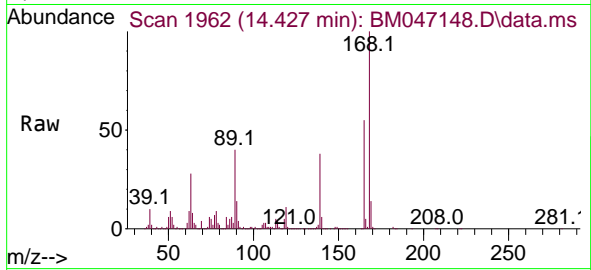
#57
 2,4-Dinitrotoluene
 Concen: 40.635 ng
 RT: 14.427 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :

BNA_M

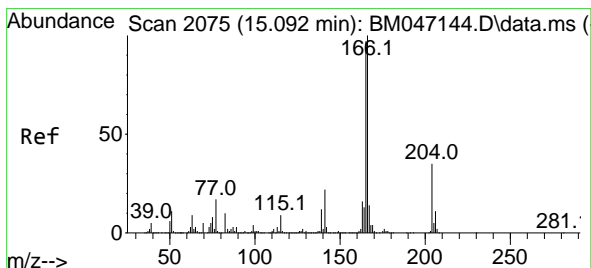
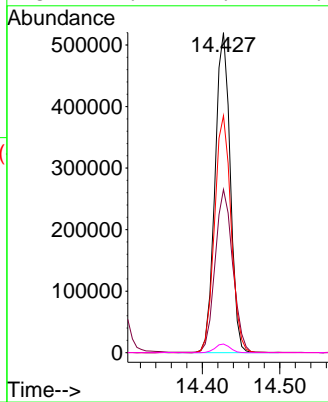
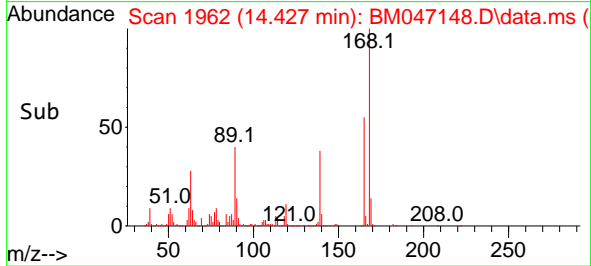
Client Sample Id :

ICVBM081024

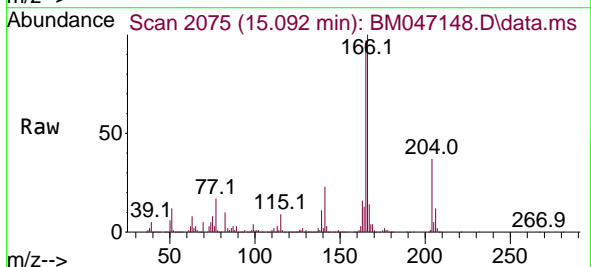


Tgt Ion:165 Resp: 708519

Ion	Ratio	Lower	Upper
165	100		
63	51.0	40.3	60.5
89	74.1	61.0	91.6
182	2.7	1.9	2.9

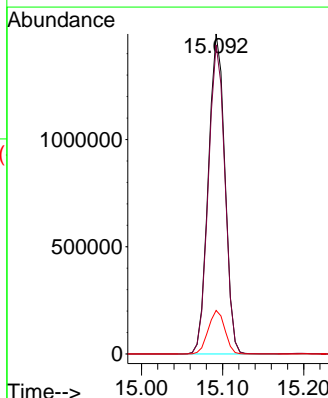
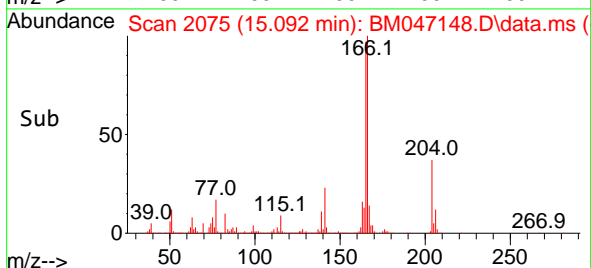


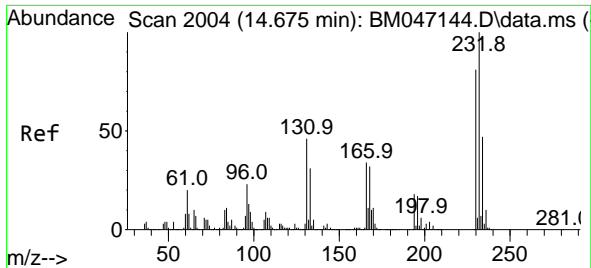
#58
 Fluorene
 Concen: 38.859 ng
 RT: 15.092 min Scan# 2075
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10



Tgt Ion:166 Resp: 2108277

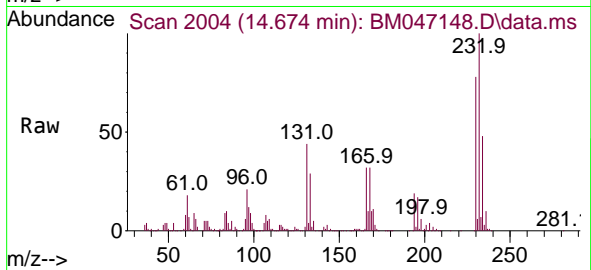
Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.4	116.0
167	13.6	11.0	16.6





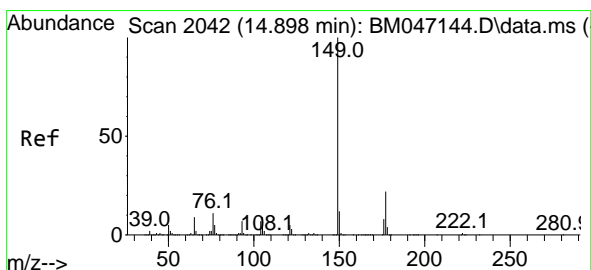
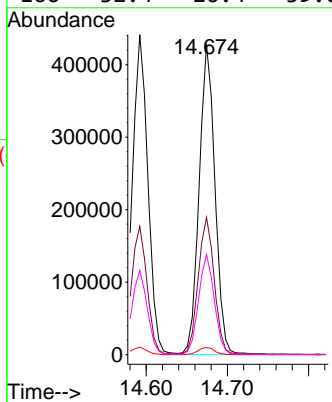
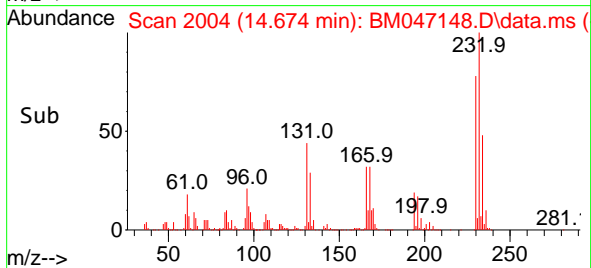
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.787 ng
 RT: 14.674 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument : BNA_M
 ClientSampleId : ICVBM081024

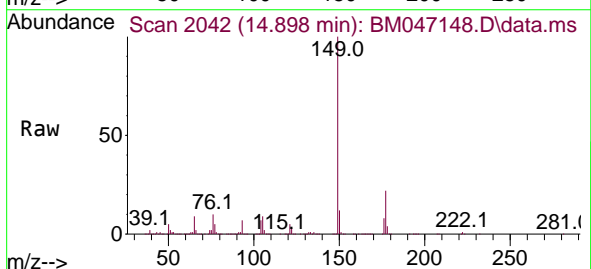


Tgt Ion:232 Resp: 577329

Ion	Ratio	Lower	Upper
232	100		
131	45.3	36.9	55.3
130	2.4	2.0	3.0
166	32.4	26.4	39.6

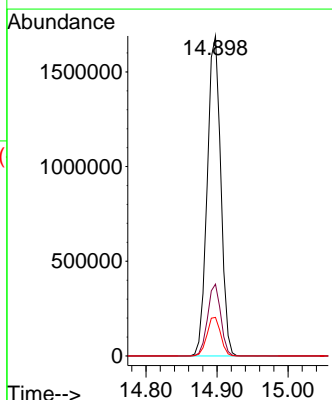
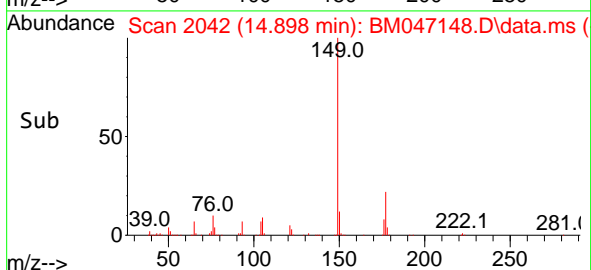


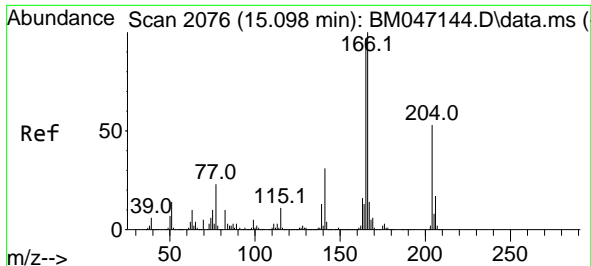
#60
 Diethylphthalate
 Concen: 39.122 ng
 RT: 14.898 min Scan# 2042
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10



Tgt Ion:149 Resp: 2232502

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.6	26.4
150	12.1	9.8	14.6



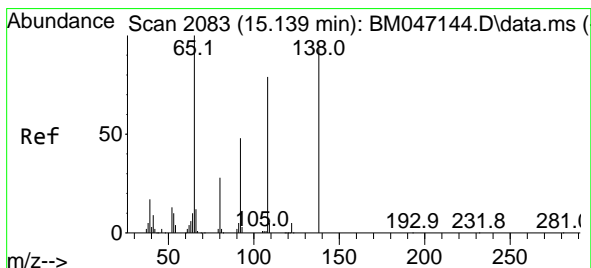
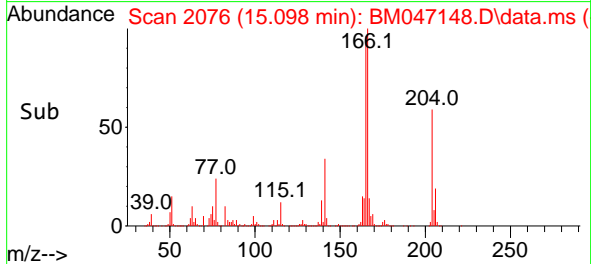
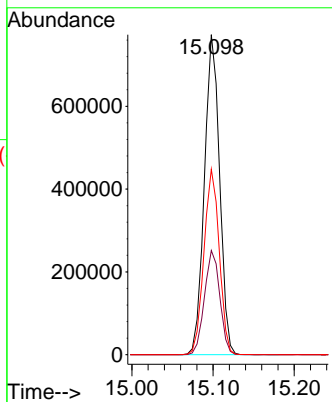
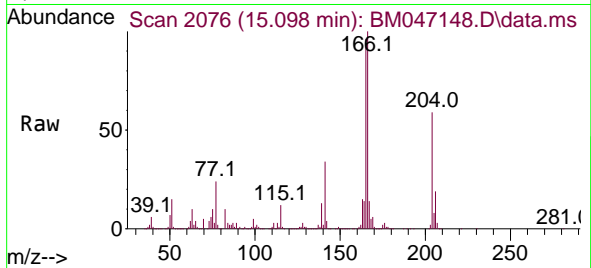


#61
 4-Chlorophenyl-phenylether
 Concen: 38.777 ng
 RT: 15.098 min Scan# 2076
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Tgt Ion:204 Resp: 1001595

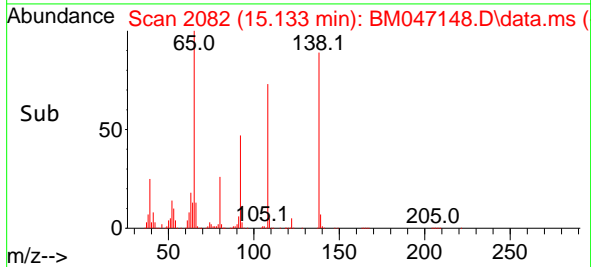
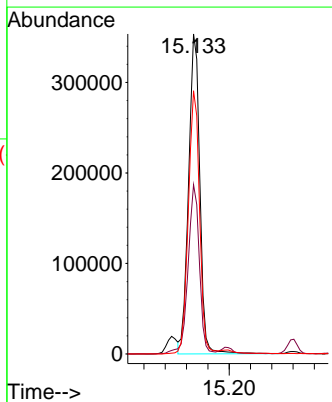
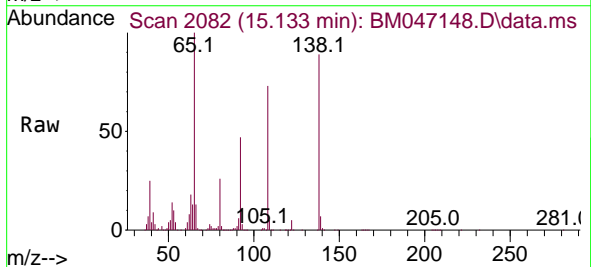
Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.4
141	57.9	47.2	70.8

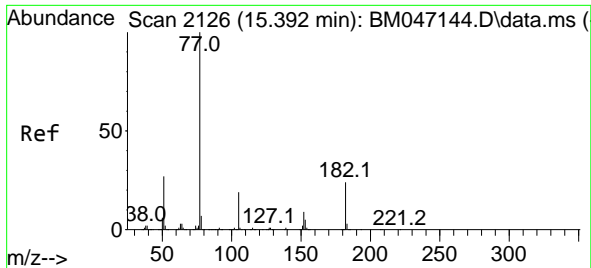


#62
 4-Nitroaniline
 Concen: 40.127 ng
 RT: 15.133 min Scan# 2082
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:138 Resp: 517467

Ion	Ratio	Lower	Upper
138	100		
92	52.9	31.9	71.9
108	82.2	63.8	103.8



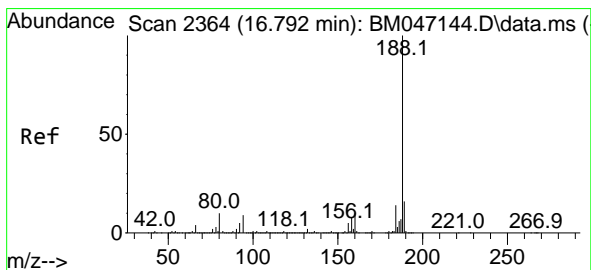
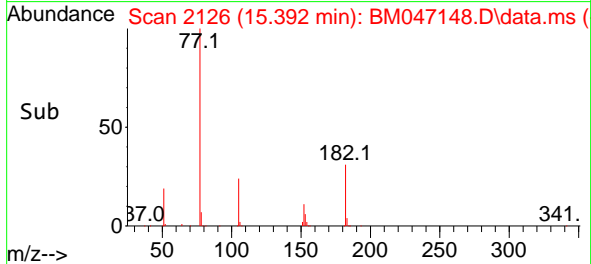
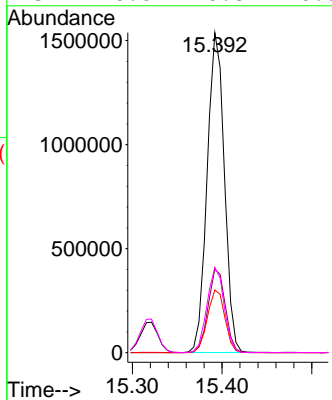
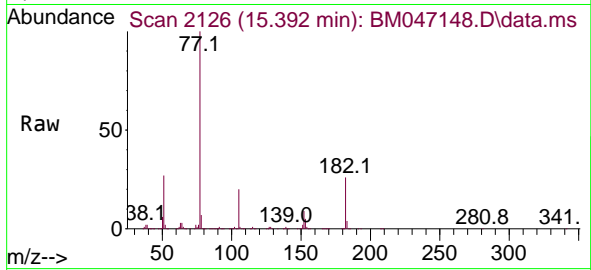


#63
 Azobenzene
 Concen: 37.854 ng
 RT: 15.392 min Scan# 2126
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Tgt Ion: 77 Resp: 2048152

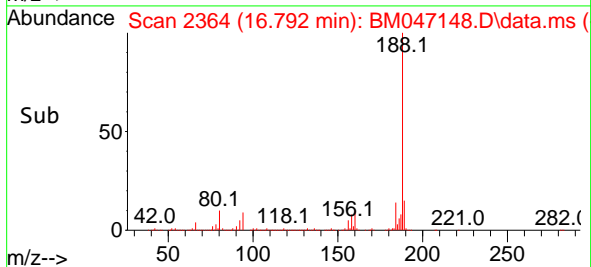
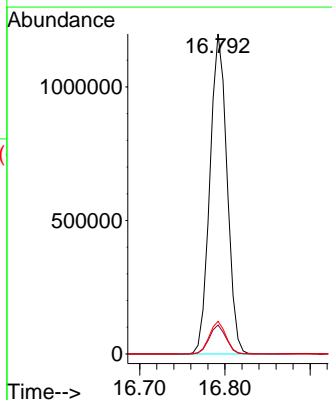
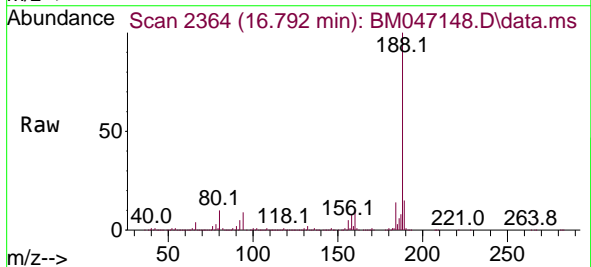
Ion	Ratio	Lower	Upper
77	100		
182	26.1	3.8	43.8
105	19.6	0.0	39.5
51	26.6	6.8	46.8

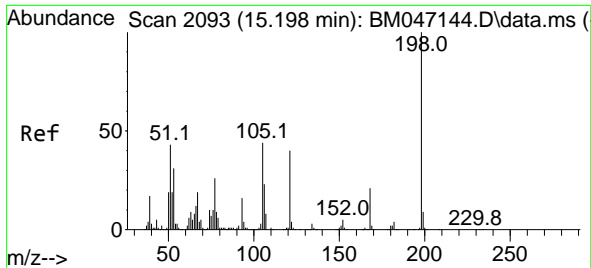


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.792 min Scan# 2364
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion: 188 Resp: 1673175

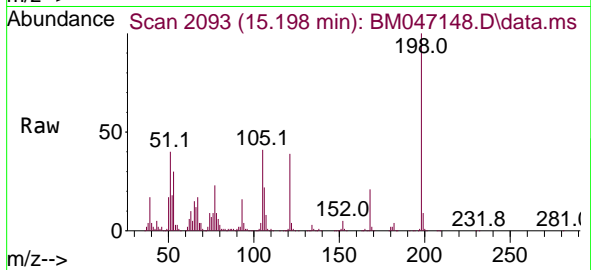
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	10.2	8.0	12.0





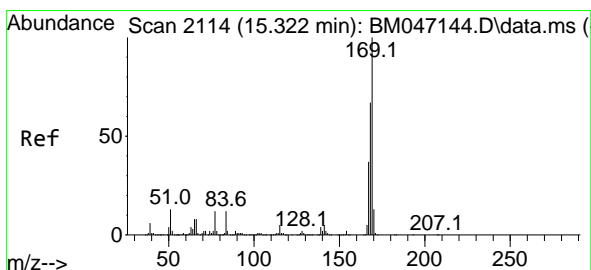
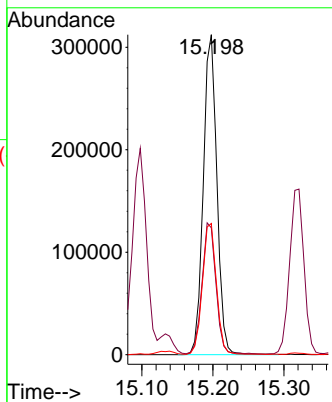
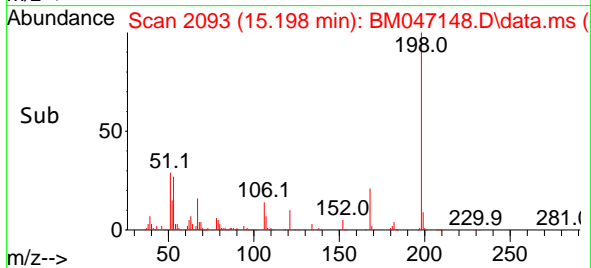
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.500 ng
 RT: 15.198 min Scan# 2093
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument : BNA_M
 ClientSampleId : ICVBM081024

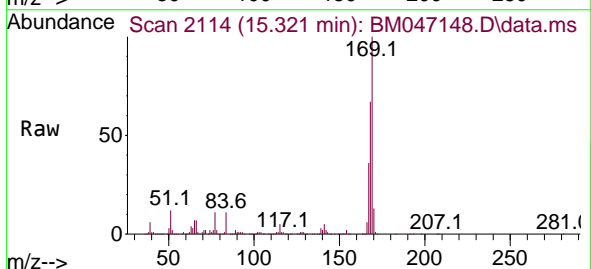


Tgt Ion:198 Resp: 416340

Ion	Ratio	Lower	Upper
198	100		
51	39.7	23.9	63.9
105	41.0	24.3	64.3

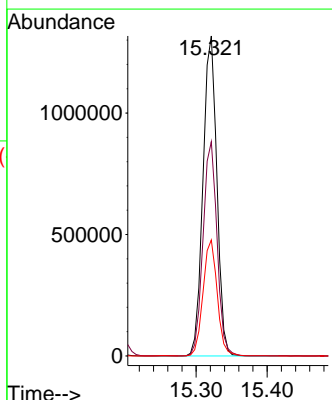
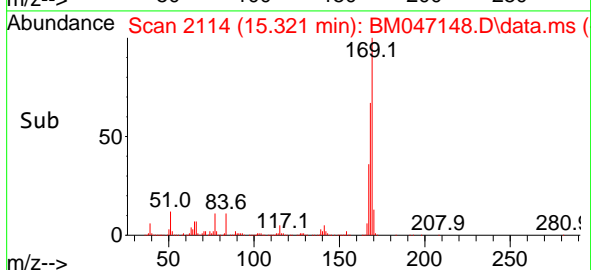


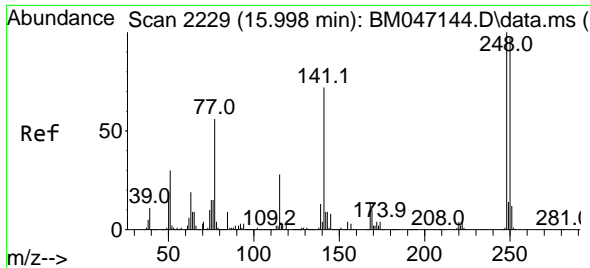
#66
 n-Nitrosodiphenylamine
 Concen: 39.293 ng
 RT: 15.321 min Scan# 2114
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10



Tgt Ion:169 Resp: 1790716

Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.8	80.8
167	36.3	29.3	43.9



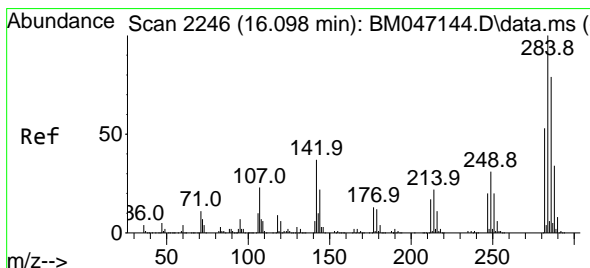
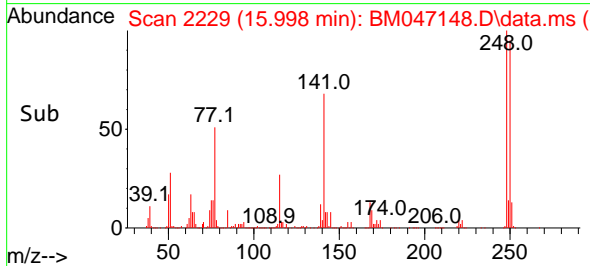
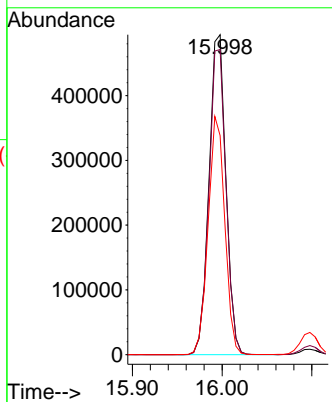
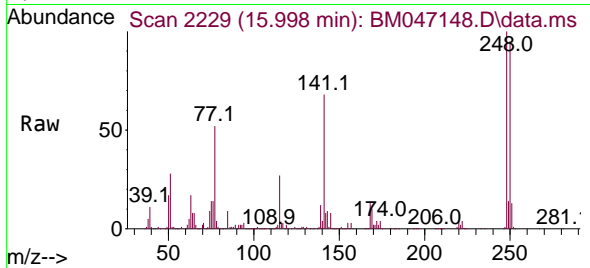


#67
 4-Bromophenyl-phenylether
 Concen: 40.155 ng
 RT: 15.998 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Tgt Ion:248 Resp: 647415

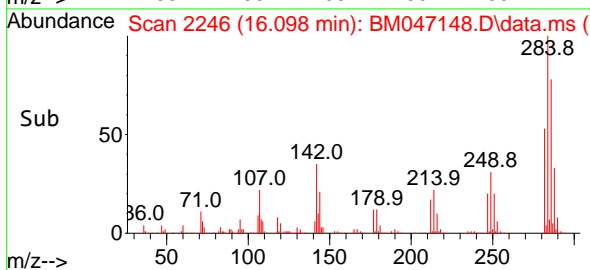
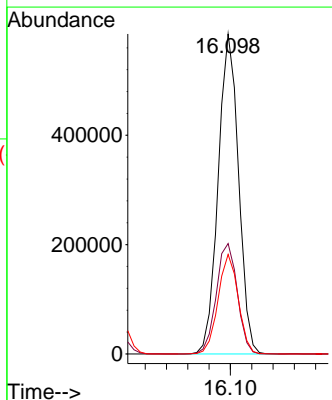
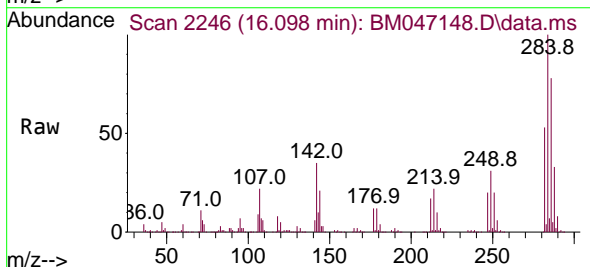
Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.8	116.8
141	68.4	57.7	86.5

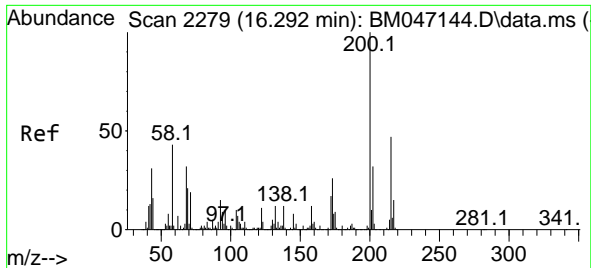


#68
 Hexachlorobenzene
 Concen: 40.130 ng
 RT: 16.098 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:284 Resp: 774906

Ion	Ratio	Lower	Upper
284	100		
142	34.5	29.4	44.0
249	31.1	25.1	37.7



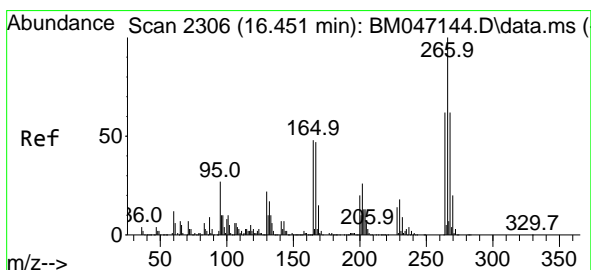
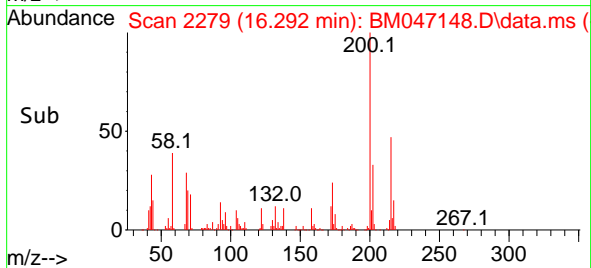
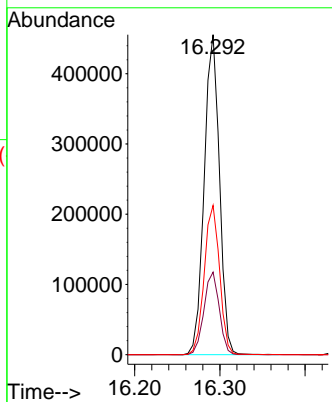
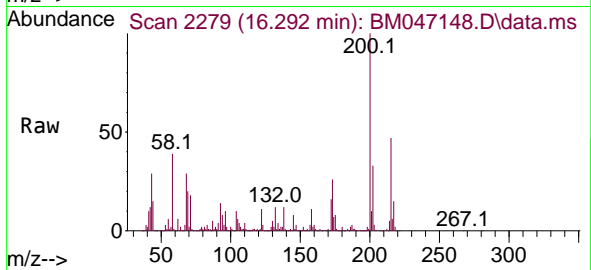


#69
 Atrazine
 Concen: 41.312 ng
 RT: 16.292 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Tgt Ion:200 Resp: 566536

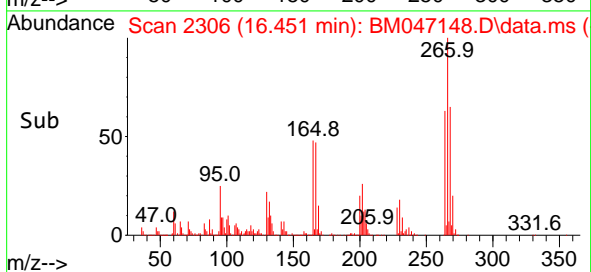
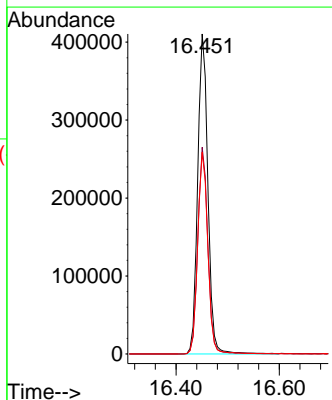
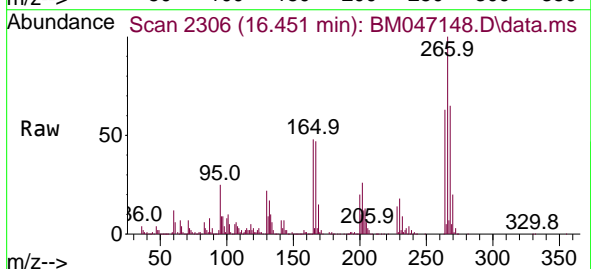
Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.1	46.1
215	46.7	26.8	66.8

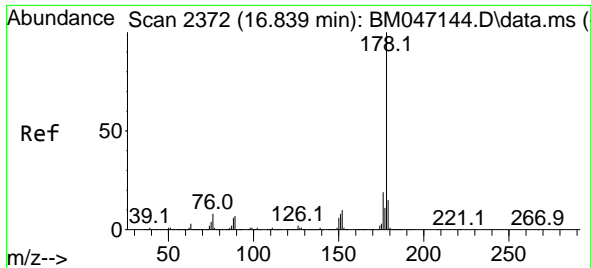


#70
 Pentachlorophenol
 Concen: 41.470 ng
 RT: 16.451 min Scan# 2306
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:266 Resp: 561329

Ion	Ratio	Lower	Upper
266	100		
268	64.6	49.8	74.6
264	63.0	49.6	74.4



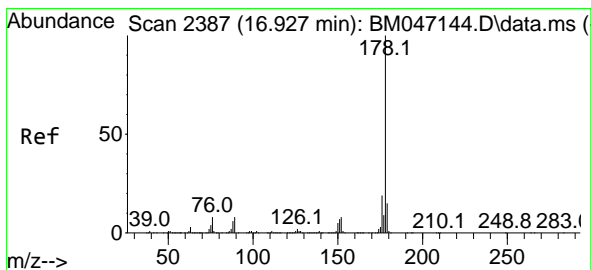
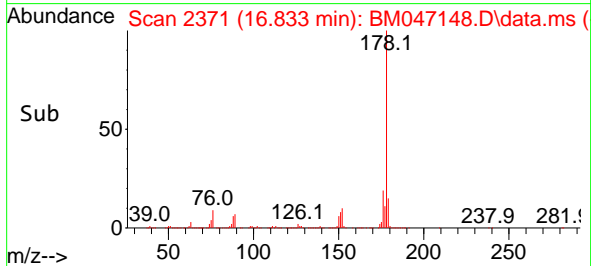
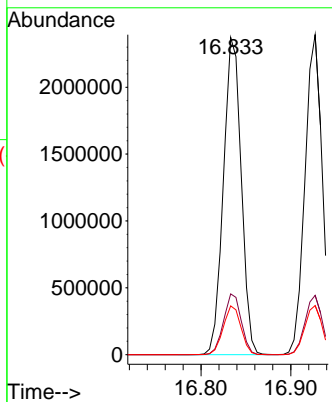
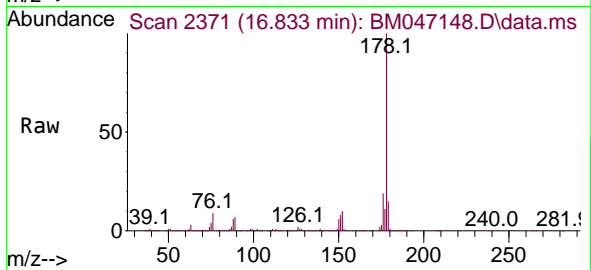


#71
 Phenanthrene
 Concen: 38.967 ng
 RT: 16.833 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 Client Sample Id :
 ICVBM081024

Tgt Ion:178 Resp: 3272056

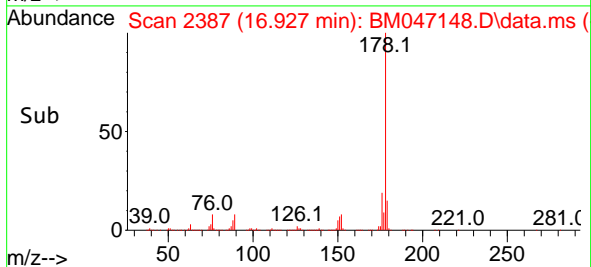
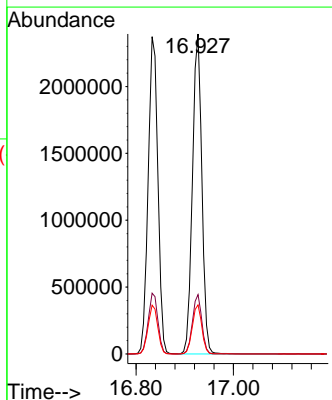
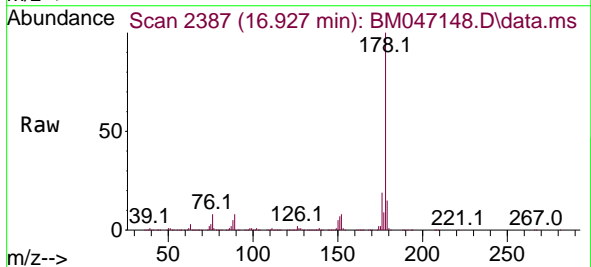
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.4	12.4	18.6

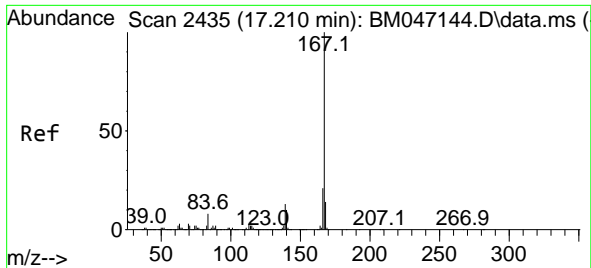


#72
 Anthracene
 Concen: 39.620 ng
 RT: 16.927 min Scan# 2387
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:178 Resp: 3237131

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.3	12.4	18.6



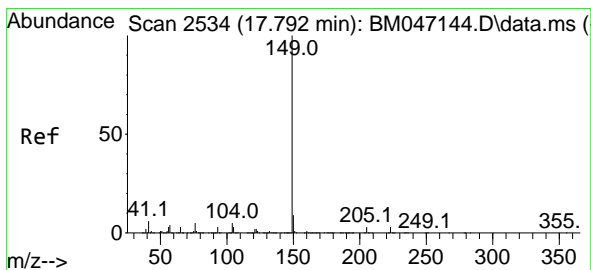
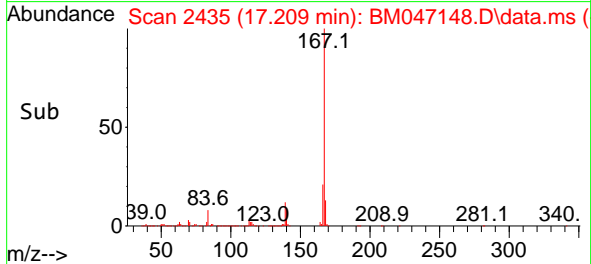
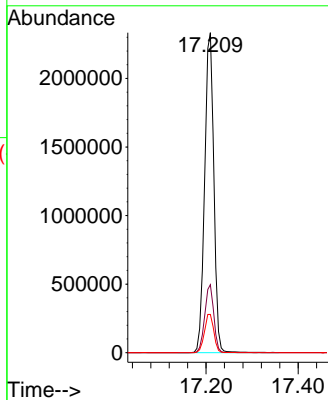
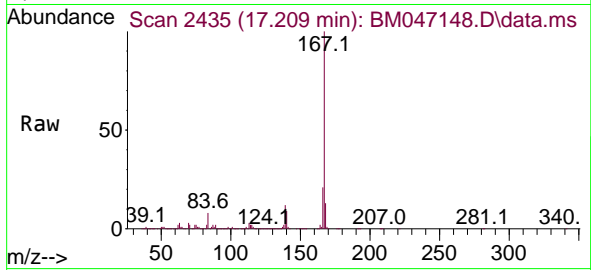


#73
 Carbazole
 Concen: 39.108 ng
 RT: 17.209 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Tgt Ion:167 Resp: 3262489

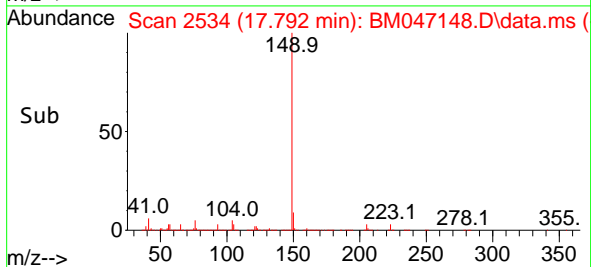
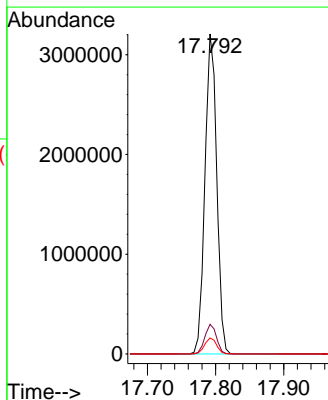
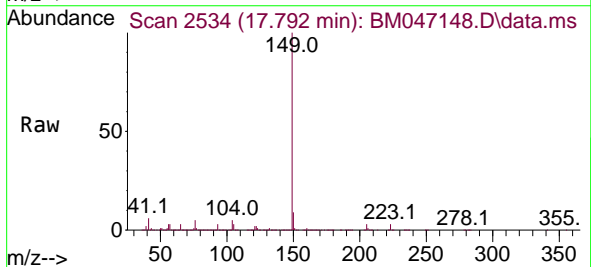
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.0	10.0	15.0

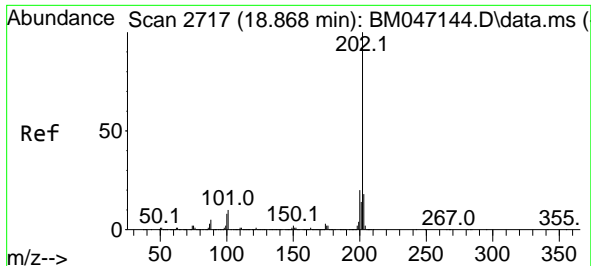


#74
 Di-n-butylphthalate
 Concen: 39.675 ng
 RT: 17.792 min Scan# 2534
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:149 Resp: 3851216

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.0	4.1	6.1



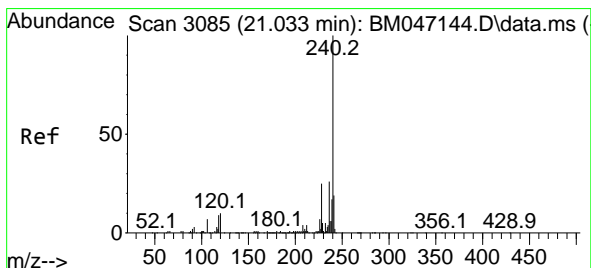
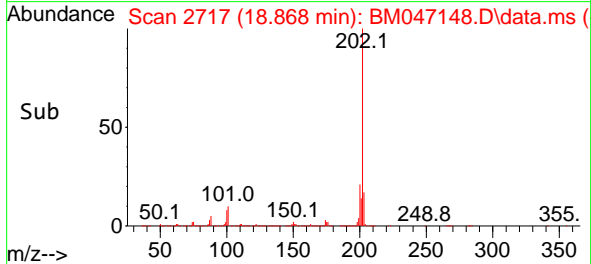
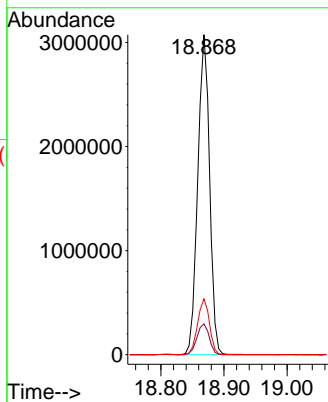
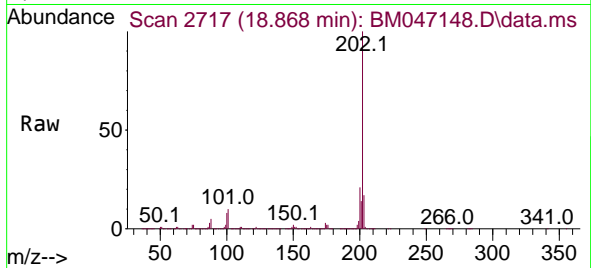


#75
 Fluoranthene
 Concen: 38.982 ng
 RT: 18.868 min Scan# 2717
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument : BNA_M
 ClientSampleId : ICVBM081024

Tgt Ion:202 Resp: 3981412

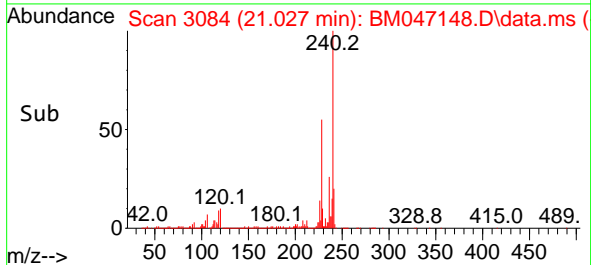
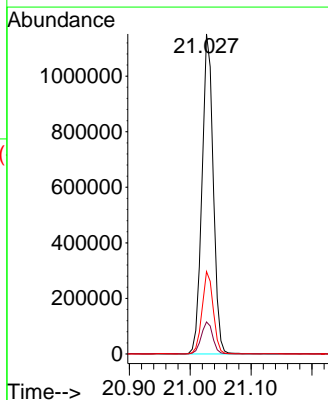
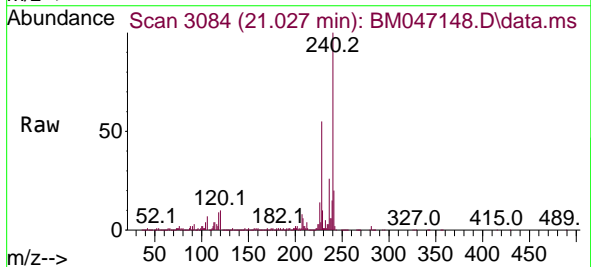
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.2
203	17.5	0.0	37.6

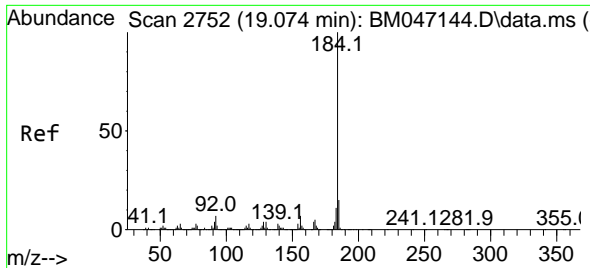


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.027 min Scan# 3084
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:240 Resp: 1477990

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.2	12.2
236	25.8	20.6	30.8



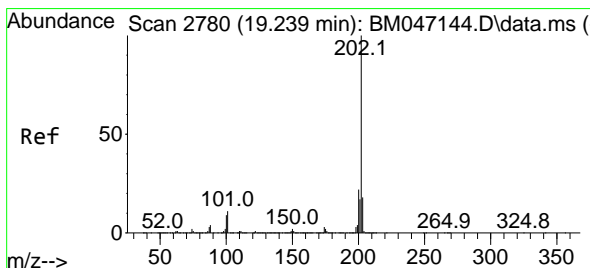
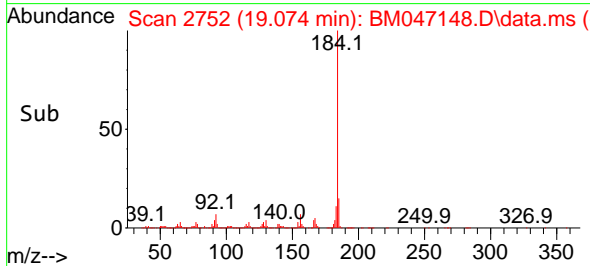
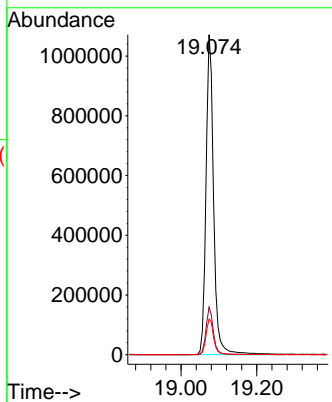
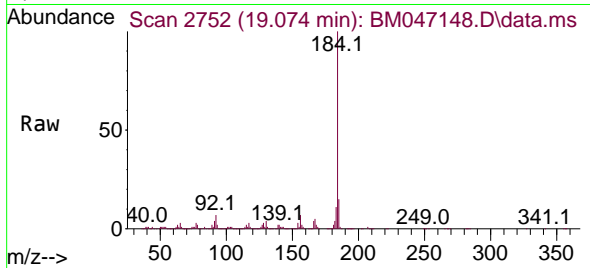


#77
Benzidine
Concen: 59.321 ng
RT: 19.074 min Scan# 2752
Delta R.T. -0.000 min
Lab File: BM047148.D
Acq: 10 Aug 2024 19:10

Instrument : BNA_M
Client Sample Id : ICVBM081024

Tgt Ion:184 Resp: 1486859

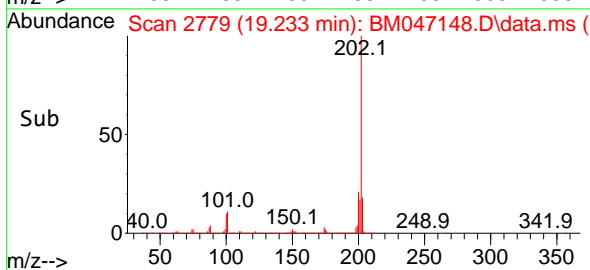
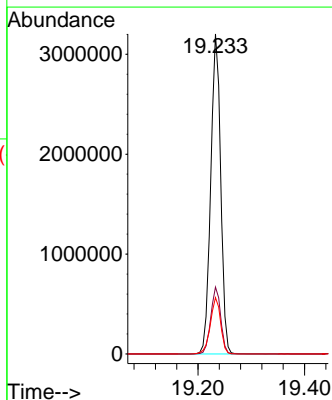
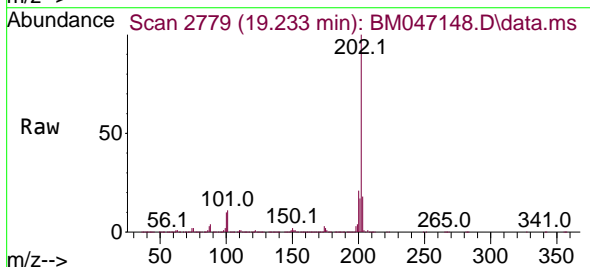
Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.6
183	11.2	9.0	13.6

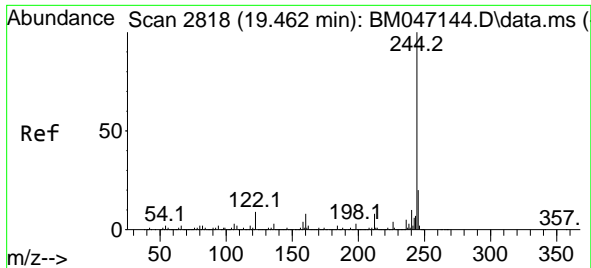


#78
Pyrene
Concen: 39.331 ng
RT: 19.233 min Scan# 2779
Delta R.T. -0.006 min
Lab File: BM047148.D
Acq: 10 Aug 2024 19:10

Tgt Ion:202 Resp: 4150742

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.2	25.8
203	17.6	14.2	21.2



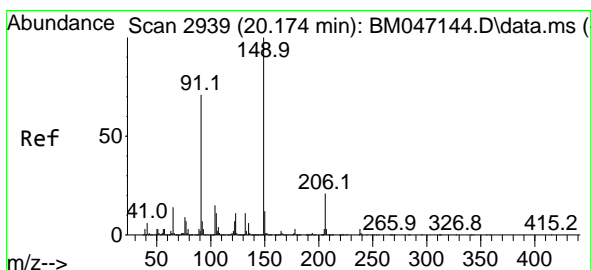
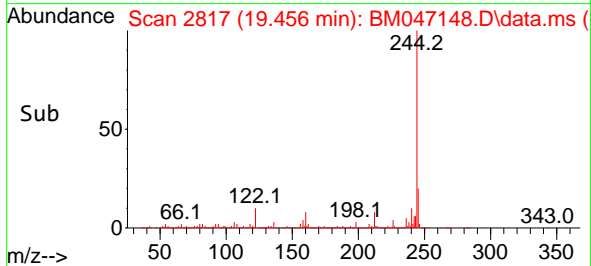
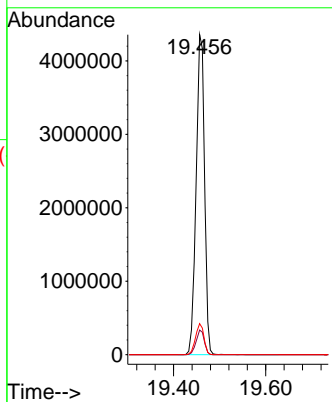
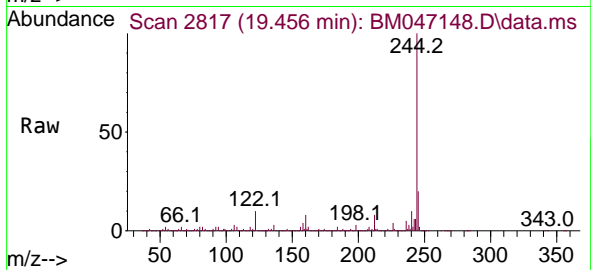


#79
 Terphenyl-d14
 Concen: 79.687 ng
 RT: 19.456 min Scan# 2818
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Tgt Ion:244 Resp: 5496459

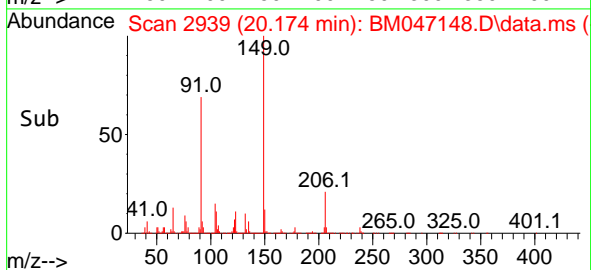
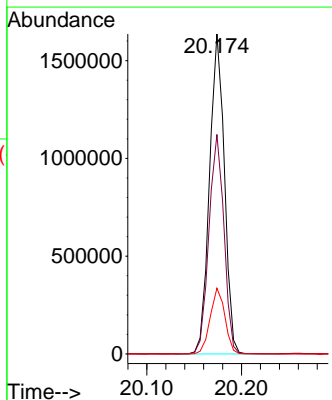
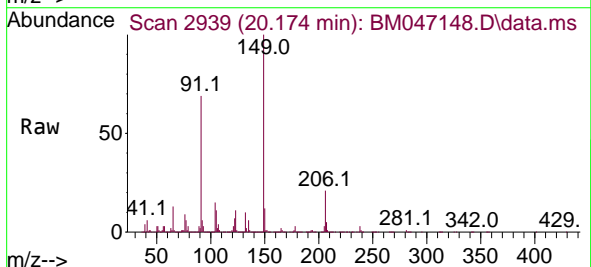
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	9.7	7.1	10.7

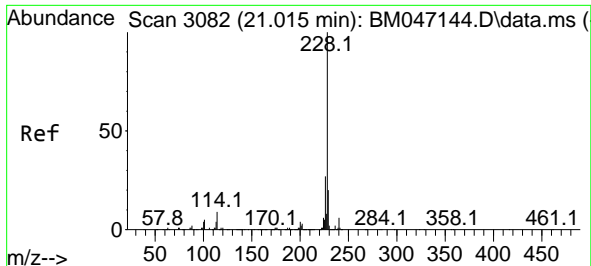


#80
 Butylbenzylphthalate
 Concen: 41.291 ng
 RT: 20.174 min Scan# 2939
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:149 Resp: 1778335

Ion	Ratio	Lower	Upper
149	100		
91	68.6	57.0	85.4
206	20.5	16.4	24.6



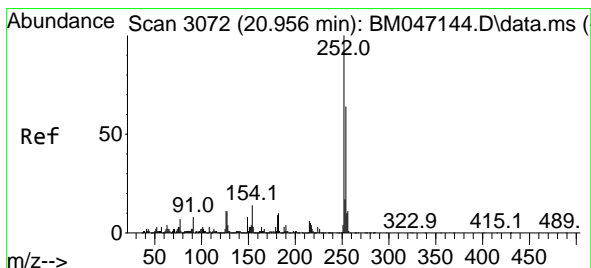
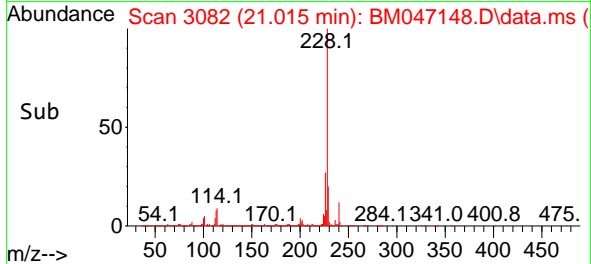
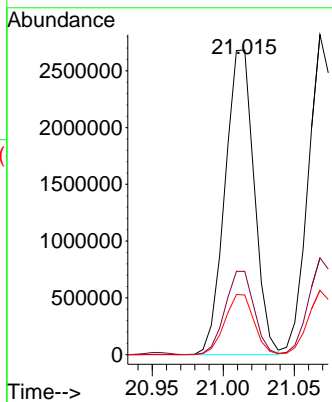
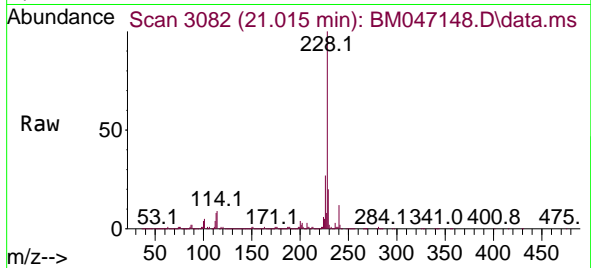


#81
 Benzo(a)anthracene
 Concen: 39.088 ng
 RT: 21.015 min Scan# 3082
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument : BNA_M
 Client Sample Id : ICVBM081024

Tgt Ion: 228 Resp: 3835235

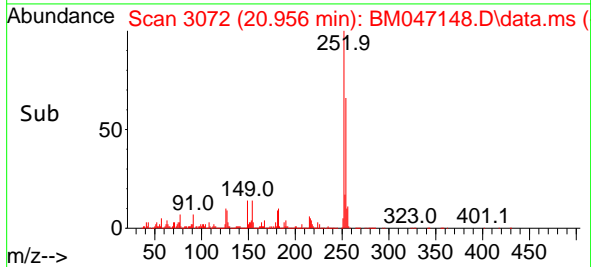
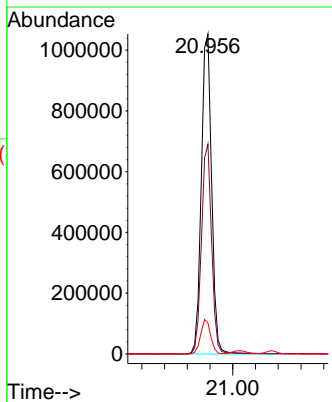
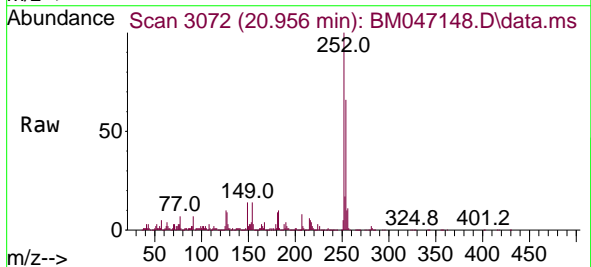
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.6
229	19.6	15.8	23.8

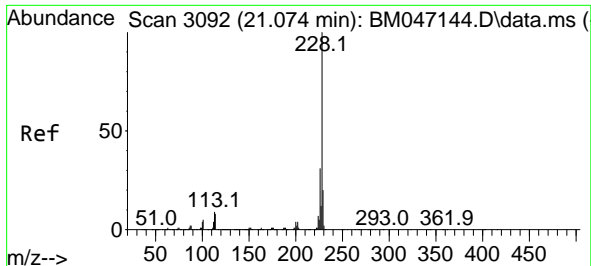


#82
 3,3'-Dichlorobenzidine
 Concen: 43.078 ng
 RT: 20.956 min Scan# 3072
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion: 252 Resp: 1322453

Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.0	76.6
126	9.7	8.5	12.7



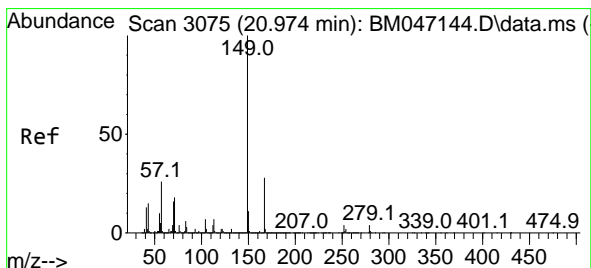
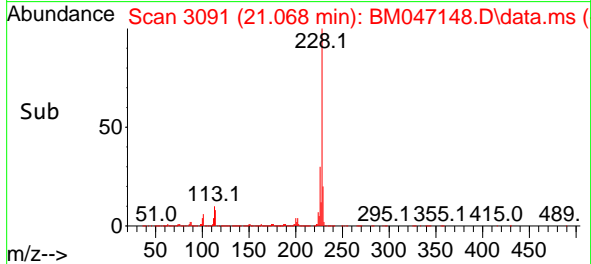
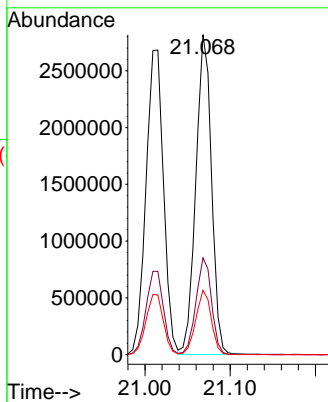
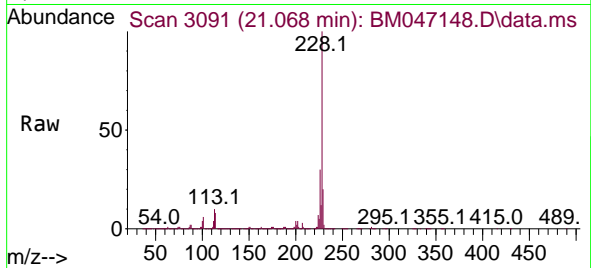


#83
 Chrysene
 Concen: 38.651 ng
 RT: 21.068 min Scan# 3091
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 Client Sample Id :
 ICVBM081024

Tgt Ion:228 Resp: 3598062

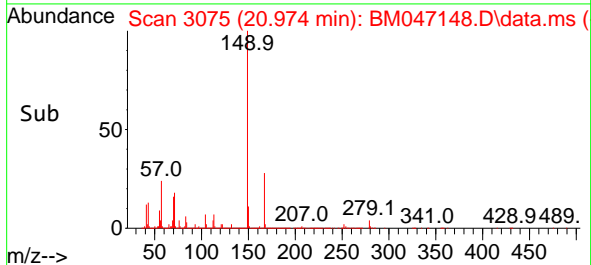
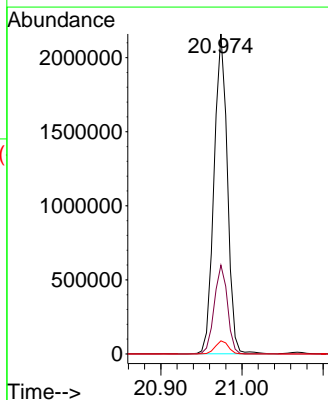
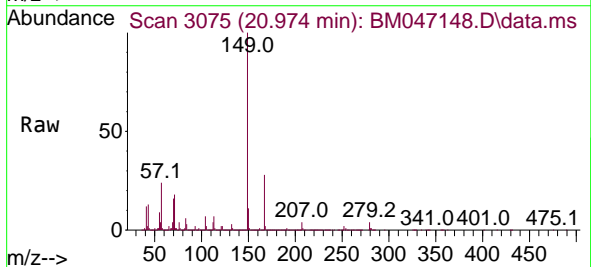
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	20.1	15.7	23.5

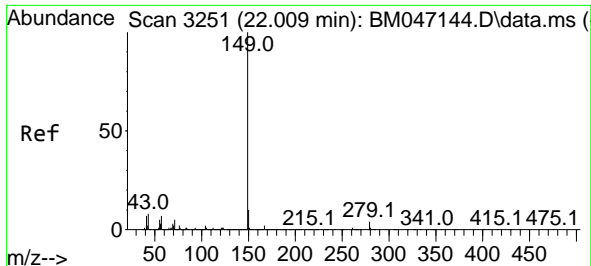


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.349 ng
 RT: 20.974 min Scan# 3075
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:149 Resp: 2464399

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.2
279	4.1	3.0	4.4



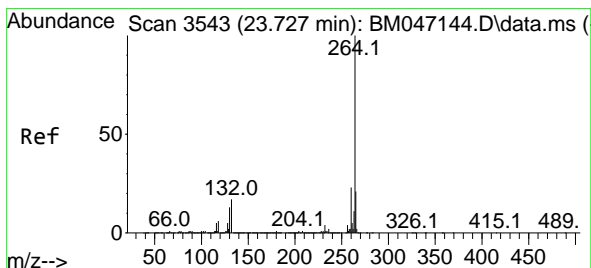
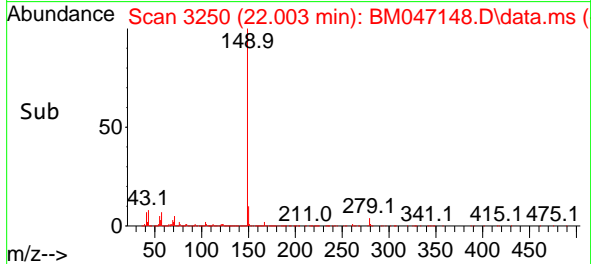
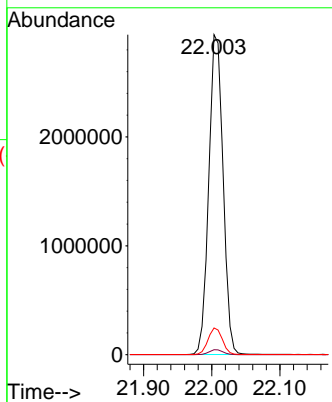
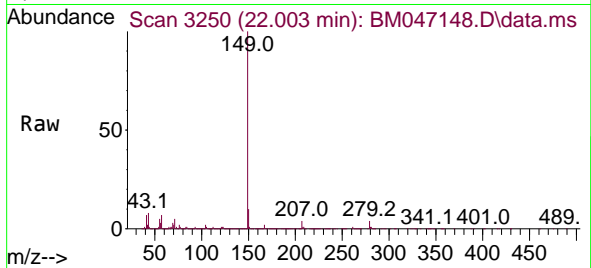


#85
 Di-n-octyl phthalate
 Concen: 41.304 ng
 RT: 22.003 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Tgt Ion:149 Resp: 4287924

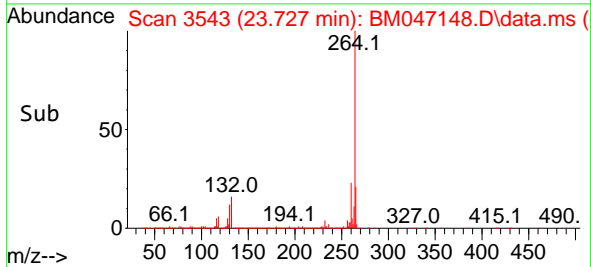
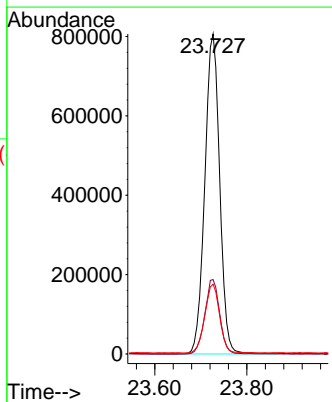
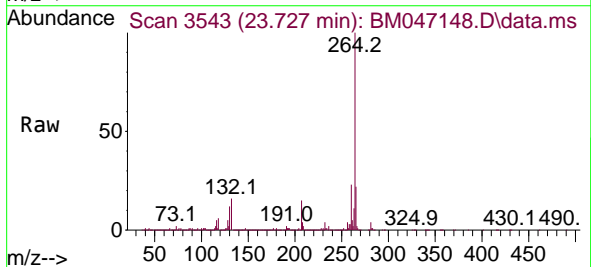
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.3	6.9	10.3

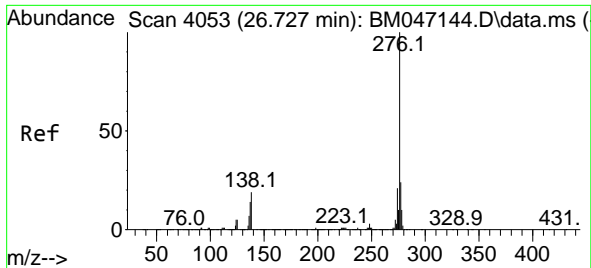


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3543
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:264 Resp: 1812426

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	21.8	17.3	25.9



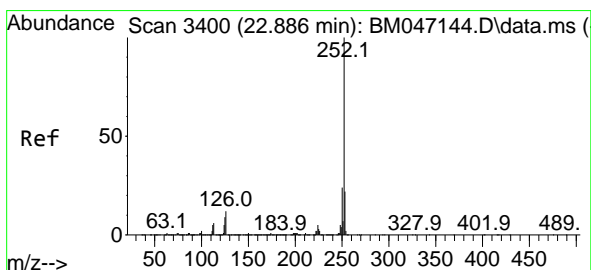
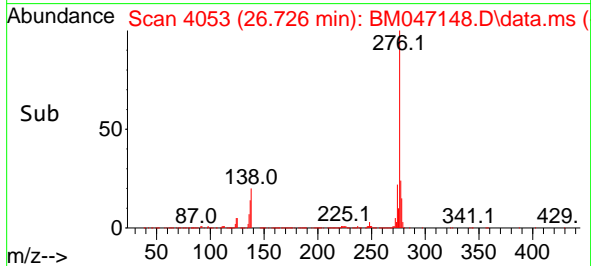
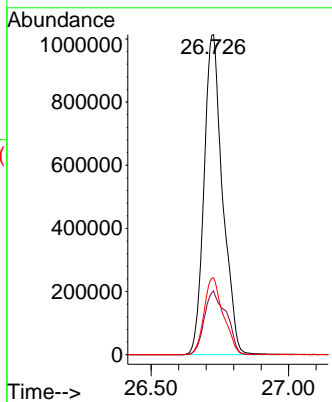
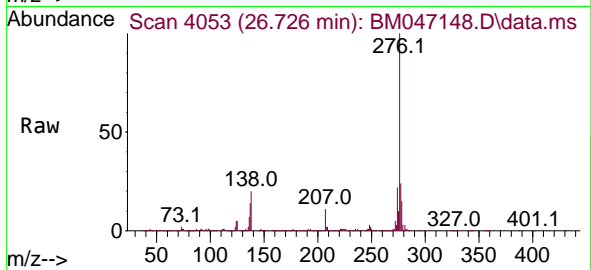


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.535 ng
 RT: 26.726 min Scan# 4053
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Tgt Ion: 276 Resp: 4748737

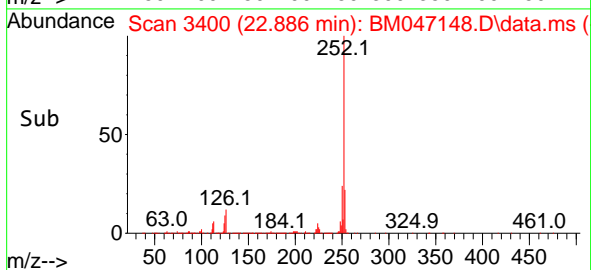
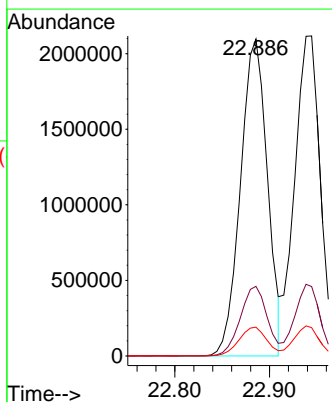
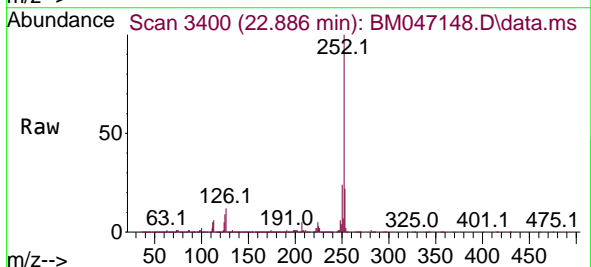
Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.4	29.0
277	25.0	20.1	30.1

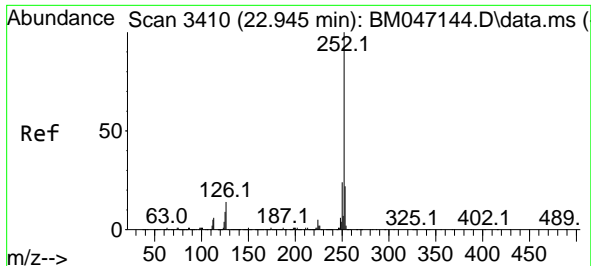


#88
 Benzo(b)fluoranthene
 Concen: 38.443 ng
 RT: 22.886 min Scan# 3400
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion: 252 Resp: 4137733

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	9.1	7.4	11.0



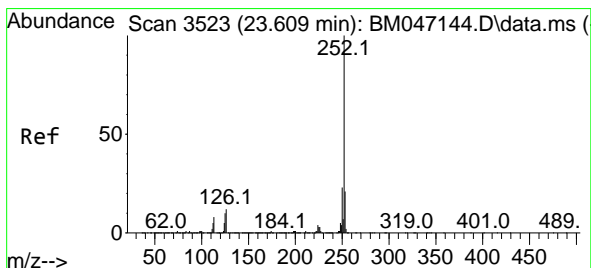
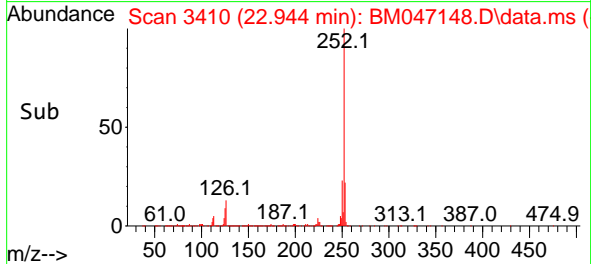
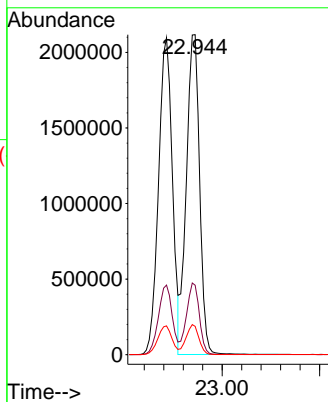
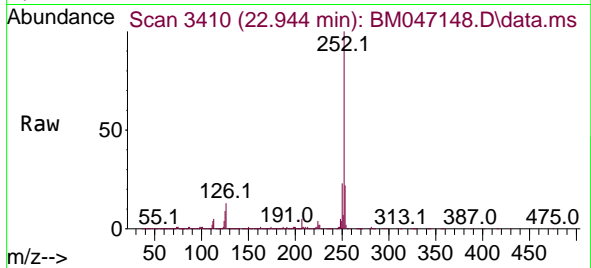


#89
 Benzo(k)fluoranthene
 Concen: 39.350 ng
 RT: 22.944 min Scan# 3410
 Delta R.T. -0.000 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Tgt Ion:252 Resp: 4000536

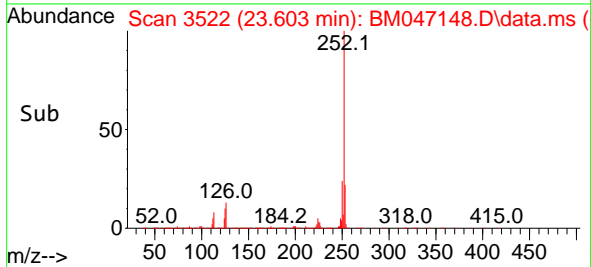
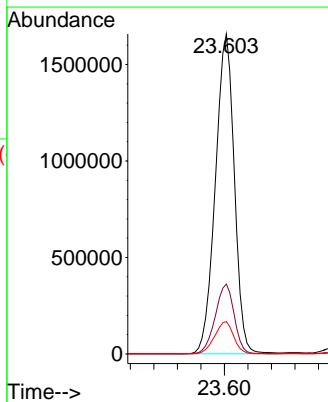
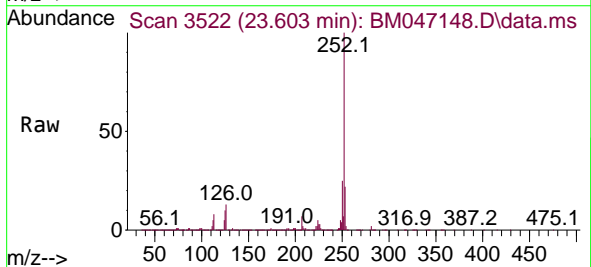
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	8.9	7.4	11.2

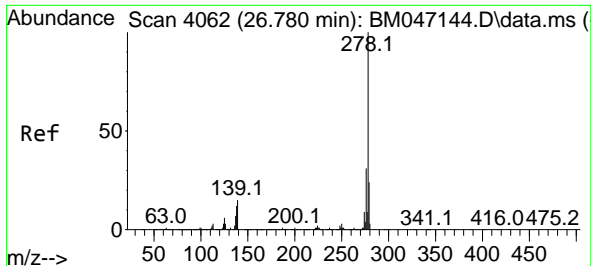


#90
 Benzo(a)pyrene
 Concen: 39.764 ng
 RT: 23.603 min Scan# 3522
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion:252 Resp: 3707577

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.1	8.2	12.2



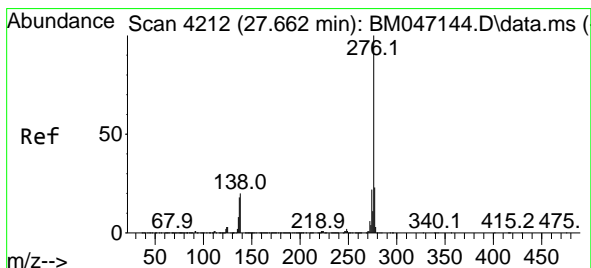
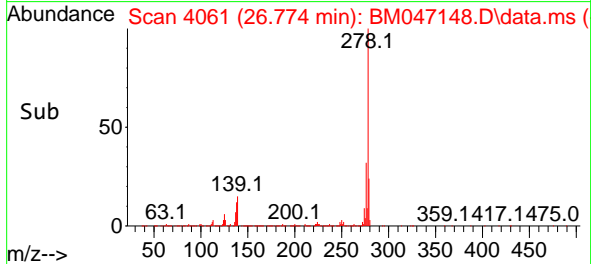
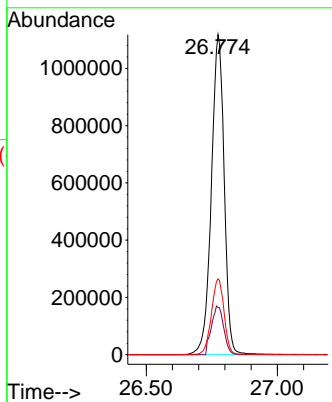
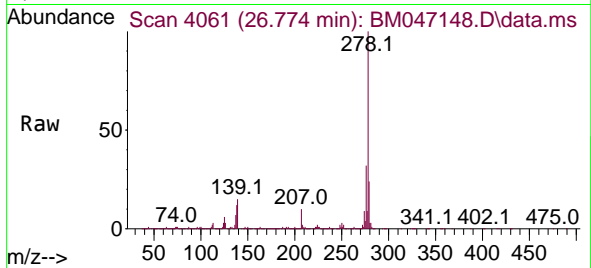


#91
 Dibenzo(a,h)anthracene
 Concen: 40.122 ng
 RT: 26.774 min Scan# 4061
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Tgt Ion: 278 Resp: 3803894

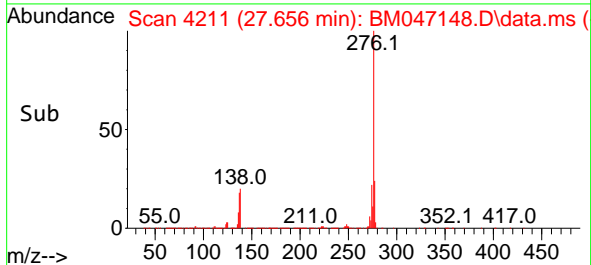
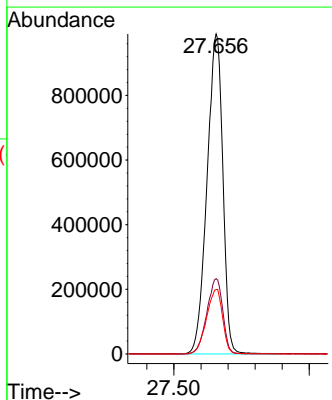
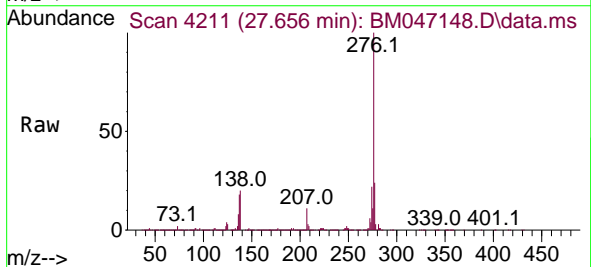
Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.0	18.0
279	23.7	19.2	28.8



#92
 Benzo(g,h,i)perylene
 Concen: 40.615 ng
 RT: 27.656 min Scan# 4211
 Delta R.T. -0.006 min
 Lab File: BM047148.D
 Acq: 10 Aug 2024 19:10

Tgt Ion: 276 Resp: 3997872

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	20.2	16.2	24.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047148.D
 Acq On : 10 Aug 2024 19:10
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Quant Time: Aug 11 23:52:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
2	1,4-Dioxane	0.464	0.427	8.0	84	0.00
3	Pyridine	1.360	1.291	5.1	86	0.00
4	n-Nitrosodimethylamine	0.594	0.554	6.7	84	0.00
5 S	2-Fluorophenol	1.119	1.052	6.0	85	0.00
6	Aniline	1.458	1.425	2.3	86	0.00
7 S	Phenol-d6	1.542	1.477	4.2	86	0.00
8	2-Chlorophenol	1.221	1.188	2.7	87	0.00
9	Benzaldehyde	0.904	0.804	11.1	89	0.00
10 C	Phenol	1.539	1.445	6.1	86	0.00
11	bis(2-Chloroethyl)ether	1.318	1.251	5.1	84	0.00
12	1,3-Dichlorobenzene	1.451	1.411	2.8	87	0.00
13 C	1,4-Dichlorobenzene	1.469	1.426	2.9	86	0.00
14	1,2-Dichlorobenzene	1.386	1.342	3.2	88	0.00
15	Benzyl Alcohol	1.098	1.086	1.1	85	0.00
16	2,2'-oxybis(1-Chloropropane)	1.691	1.598	5.5	83	0.00
17	2-Methylphenol	1.027	1.005	2.1	87	0.00
18	Hexachloroethane	0.569	0.547	3.9	86	0.00
19 P	n-Nitroso-di-n-propylamine	1.039	0.983	5.4	86	0.00
20	3+4-Methylphenols	1.435	1.425	0.7	87	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	87	0.00
22	Acetophenone	0.483	0.460	4.8	86	0.00
23 S	Nitrobenzene-d5	0.397	0.383	3.5	85	0.00
24	Nitrobenzene	0.400	0.390	2.5	86	0.00
25	Isophorone	0.692	0.684	1.2	86	0.00
26 C	2-Nitrophenol	0.177	0.183	-3.4	87	0.00
27	2,4-Dimethylphenol	0.207	0.205	1.0	85	0.00
28	bis(2-Chloroethoxy)methane	0.435	0.425	2.3	85	0.00
29 C	2,4-Dichlorophenol	0.308	0.315	-2.3	88	0.00
30	1,2,4-Trichlorobenzene	0.348	0.351	-0.9	88	0.00
31	Naphthalene	0.996	0.961	3.5	86	0.00
32	Benzoic acid	0.241	0.260	-7.9	90	-0.01
33	4-Chloroaniline	0.383	0.386	-0.8	87	0.00
34 C	Hexachlorobutadiene	0.204	0.205	-0.5	88	0.00
35	Caprolactam	0.107	0.108	-0.9	86	0.00
36 C	4-Chloro-3-methylphenol	0.328	0.326	0.6	87	0.00
37	2-Methylnaphthalene	0.709	0.691	2.5	87	0.00
38	1-Methylnaphthalene	0.701	0.681	2.9	87	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	87	0.00
40	1,2,4,5-Tetrachlorobenzene	0.546	0.553	-1.3	89	0.00
41 P	Hexachlorocyclopentadiene	0.190	0.195	-2.6	85	0.00
42 S	2,4,6-Tribromophenol	0.232	0.237	-2.2	89	0.00
43 C	2,4,6-Trichlorophenol	0.388	0.395	-1.8	87	0.00
44	2,4,5-Trichlorophenol	0.430	0.442	-2.8	88	0.00
45 S	2-Fluorobiphenyl	1.297	1.276	1.6	88	0.00
46	1,1'-Biphenyl	1.424	1.375	3.4	87	0.00
47	2-Chloronaphthalene	1.113	1.070	3.9	87	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047148.D
 Acq On : 10 Aug 2024 19:10
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Quant Time: Aug 11 23:52:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	
48	2-Nitroaniline	0.349	0.351	-0.6	86	0.00
49	Acenaphthylene	1.640	1.610	1.8	88	0.00
50	Dimethylphthalate	1.397	1.375	1.6	87	0.00
51	2,6-Dinitrotoluene	0.327	0.329	-0.6	88	0.00
52 C	Acenaphthene	1.041	1.010	3.0	88	0.00
53	3-Nitroaniline	0.327	0.331	-1.2	87	0.00
54 P	2,4-Dinitrophenol	0.196	0.197	-0.5	85	0.00
55	Dibenzofuran	1.644	1.594	3.0	88	0.00
56 P	4-Nitrophenol	0.282	0.292	-3.5	87	0.00
57	2,4-Dinitrotoluene	0.436	0.443	-1.6	88	0.00
58	Fluorene	1.356	1.317	2.9	88	0.00
59	2,3,4,6-Tetrachlorophenol	0.354	0.361	-2.0	89	0.00
60	Diethylphthalate	1.426	1.395	2.2	87	0.00
61	4-Chlorophenyl-phenylether	0.646	0.626	3.1	88	0.00
62	4-Nitroaniline	0.322	0.323	-0.3	89	0.00
63	Azobenzene	1.352	1.280	5.3	85	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	88	0.00
65	4,6-Dinitro-2-methylphenol	0.117	0.124	-6.0	87	0.00
66 c	n-Nitrosodiphenylamine	0.545	0.535	1.8	88	0.00
67	4-Bromophenyl-phenylether	0.193	0.193	0.0	89	0.00
68	Hexachlorobenzene	0.231	0.232	-0.4	89	0.00
69	Atrazine	0.164	0.169	-3.0	87	0.00
70 C	Pentachlorophenol	0.162	0.168	-3.7	88	0.00
71	Phenanthrene	1.004	0.978	2.6	88	0.00
72	Anthracene	0.977	0.967	1.0	89	0.00
73	Carbazole	0.997	0.975	2.2	88	0.00
74	Di-n-butylphthalate	1.160	1.151	0.8	87	0.00
75 C	Fluoranthene	1.221	1.190	2.5	87	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	88	0.00
77	Benzidine	0.339	0.503	-48.4#	91	0.00
78	Pyrene	1.428	1.404	1.7	87	0.00
79 S	Terphenyl-d14	0.933	0.930	0.3	88	0.00
80	Butylbenzylphthalate	0.583	0.602	-3.3	87	0.00
81	Benzo(a)anthracene	1.328	1.297	2.3	88	0.00
82	3,3'-Dichlorobenzidine	0.415	0.447	-7.7	89	0.00
83	Chrysene	1.260	1.217	3.4	88	0.00
84	Bis(2-ethylhexyl)phthalate	0.826	0.834	-1.0	87	0.00
85 c	Di-n-octyl phthalate	1.405	1.451	-3.3	88	0.00
86 I	Perylene-d12	1.000	1.000	0.0	90	0.00
87	Indeno(1,2,3-cd)pyrene	1.293	1.310	-1.3	92	0.00
88	Benzo(b)fluoranthene	1.188	1.141	4.0	88	0.00
89	Benzo(k)fluoranthene	1.122	1.104	1.6	90	0.00
90 C	Benzo(a)pyrene	1.029	1.023	0.6	90	0.00
91	Dibenzo(a,h)anthracene	1.046	1.049	-0.3	92	0.00
92	Benzo(g,h,i)perylene	1.086	1.103	-1.6	92	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
Data File : BM047148.D
Acq On : 10 Aug 2024 19:10
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM081024

Quant Time: Aug 11 23:52:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound AvgRF CCRF %Dev Area% Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	86	0.00
2	1,4-Dioxane	40.000	36.823	7.9	84	0.00
3	Pyridine	40.000	37.969	5.1	86	0.00
4	n-Nitrosodimethylamine	40.000	37.322	6.7	84	0.00
5 S	2-Fluorophenol	80.000	75.195	6.0	85	0.00
6	Aniline	40.000	39.104	2.2	86	0.00
7 S	Phenol-d6	80.000	76.636	4.2	86	0.00
8	2-Chlorophenol	40.000	38.916	2.7	87	0.00
9	Benzaldehyde	40.000	39.535	1.2	89	0.00
10 C	Phenol	40.000	37.549	6.1	86	0.00
11	bis(2-Chloroethyl)ether	40.000	37.972	5.1	84	0.00
12	1,3-Dichlorobenzene	40.000	38.900	2.8	87	0.00
13 C	1,4-Dichlorobenzene	40.000	38.844	2.9	86	0.00
14	1,2-Dichlorobenzene	40.000	38.744	3.1	88	0.00
15	Benzyl Alcohol	40.000	39.581	1.0	85	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.800	5.5	83	0.00
17	2-Methylphenol	40.000	39.168	2.1	87	0.00
18	Hexachloroethane	40.000	38.447	3.9	86	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	37.864	5.3	86	0.00
20	3+4-Methylphenols	40.000	39.723	0.7	87	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	87	0.00
22	Acetophenone	40.000	38.108	4.7	86	0.00
23 S	Nitrobenzene-d5	80.000	77.088	3.6	85	0.00
24	Nitrobenzene	40.000	38.978	2.6	86	0.00
25	Isophorone	40.000	39.554	1.1	86	0.00
26 C	2-Nitrophenol	40.000	41.274	-3.2	87	0.00
27	2,4-Dimethylphenol	40.000	39.547	1.1	85	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.022	2.4	85	0.00
29 C	2,4-Dichlorophenol	40.000	40.983	-2.5	88	0.00
30	1,2,4-Trichlorobenzene	40.000	40.261	-0.7	88	0.00
31	Naphthalene	40.000	38.564	3.6	86	0.00
32	Benzoic acid	40.000	43.072	-7.7	90	-0.01
33	4-Chloroaniline	40.000	40.265	-0.7	87	0.00
34 C	Hexachlorobutadiene	40.000	40.254	-0.6	88	0.00
35	Caprolactam	40.000	40.543	-1.4	86	0.00
36 C	4-Chloro-3-methylphenol	40.000	39.811	0.5	87	0.00
37	2-Methylnaphthalene	40.000	38.968	2.6	87	0.00
38	1-Methylnaphthalene	40.000	38.877	2.8	87	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	87	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.555	-1.4	89	0.00
41 P	Hexachlorocyclopentadiene	40.000	41.042	-2.6	85	0.00
42 S	2,4,6-Tribromophenol	80.000	81.608	-2.0	89	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.777	-1.9	87	0.00
44	2,4,5-Trichlorophenol	40.000	41.066	-2.7	88	0.00
45 S	2-Fluorobiphenyl	80.000	78.722	1.6	88	0.00
46	1,1'-Biphenyl	40.000	38.622	3.4	87	0.00
47	2-Chloronaphthalene	40.000	38.460	3.8	87	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047148.D
 Acq On : 10 Aug 2024 19:10
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Quant Time: Aug 11 23:52:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	40.230	-0.6	86	0.00
49	Acenaphthylene	40.000	39.270	1.8	88	0.00
50	Dimethylphthalate	40.000	39.364	1.6	87	0.00
51	2,6-Dinitrotoluene	40.000	40.338	-0.8	88	0.00
52 C	Acenaphthene	40.000	38.828	2.9	88	0.00
53	3-Nitroaniline	40.000	40.443	-1.1	87	0.00
54 P	2,4-Dinitrophenol	40.000	40.314	-0.8	85	0.00
55	Dibenzofuran	40.000	38.784	3.0	88	0.00
56 P	4-Nitrophenol	40.000	41.349	-3.4	87	0.00
57	2,4-Dinitrotoluene	40.000	40.635	-1.6	88	0.00
58	Fluorene	40.000	38.859	2.9	88	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.787	-2.0	89	0.00
60	Diethylphthalate	40.000	39.122	2.2	87	0.00
61	4-Chlorophenyl-phenylether	40.000	38.777	3.1	88	0.00
62	4-Nitroaniline	40.000	40.127	-0.3	89	0.00
63	Azobenzene	40.000	37.854	5.4	85	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	88	0.00
65	4,6-Dinitro-2-methylphenol	40.000	42.500	-6.3	87	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.293	1.8	88	0.00
67	4-Bromophenyl-phenylether	40.000	40.155	-0.4	89	0.00
68	Hexachlorobenzene	40.000	40.130	-0.3	89	0.00
69	Atrazine	40.000	41.312	-3.3	87	0.00
70 C	Pentachlorophenol	40.000	41.470	-3.7	88	0.00
71	Phenanthrene	40.000	38.967	2.6	88	0.00
72	Anthracene	40.000	39.620	1.0	89	0.00
73	Carbazole	40.000	39.108	2.2	88	0.00
74	Di-n-butylphthalate	40.000	39.675	0.8	87	0.00
75 C	Fluoranthene	40.000	38.982	2.5	87	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	88	0.00
77	Benzydine	40.000	59.321	-48.3#	91	0.00
78	Pyrene	40.000	39.331	1.7	87	0.00
79 S	Terphenyl-d14	80.000	79.687	0.4	88	0.00
80	Butylbenzylphthalate	40.000	41.291	-3.2	87	0.00
81	Benzo(a)anthracene	40.000	39.088	2.3	88	0.00
82	3,3'-Dichlorobenzidine	40.000	43.078	-7.7	89	0.00
83	Chrysene	40.000	38.651	3.4	88	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	40.349	-0.9	87	0.00
85 c	Di-n-octyl phthalate	40.000	41.304	-3.3	88	0.00
86 I	Perylene-d12	20.000	20.000	0.0	90	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	40.535	-1.3	92	0.00
88	Benzo(b)fluoranthene	40.000	38.443	3.9	88	0.00
89	Benzo(k)fluoranthene	40.000	39.350	1.6	90	0.00
90 C	Benzo(a)pyrene	40.000	39.764	0.6	90	0.00
91	Dibenzo(a,h)anthracene	40.000	40.122	-0.3	92	0.00
92	Benzo(g,h,i)perylene	40.000	40.615	-1.5	92	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047148.D
 Acq On : 10 Aug 2024 19:10
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM081024

Quant Time: Aug 11 23:52:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0

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Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP081324.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Aug 14 00:00:30 2024
 Response Via : Initial Calibration

Calibration Files

2.5 =BP021481.D 5 =BP021482.D 10 =BP021483.D 20 =BP021484.D 40 =BP021485.D 50 =BP021486.D 60 =BP021487.D 80 =BP021488.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane	0.685	0.614	0.681	0.642	0.599	0.645	0.605	0.639	0.639	5.45
3) Pyridine	1.744	1.720	1.915	1.802	1.741	1.834	1.725	1.783	1.783	4.02
4) n-Nitrosodimet...	0.545	0.525	0.568	0.532	0.516	0.546	0.519	0.536	0.536	3.41
5) S 2-Fluorophenol	1.332	1.286	1.405	1.348	1.324	1.401	1.333	1.347	1.347	3.18
6) Aniline	1.964	2.035	2.053	1.978	1.925	1.954	1.841	1.964	1.964	3.60
7) S Phenol-d6	1.897	1.960	2.062	1.978	1.953	1.998	1.905	1.965	1.965	2.87
8) 2-Chlorophenol	1.199	1.221	1.291	1.250	1.236	1.285	1.232	1.245	1.245	2.68
9) Benzaldehyde	1.364	1.447	1.409	1.198	1.073	1.057		1.258	1.258	13.68
10) C Phenol	1.968	2.023	2.138	2.045	2.020	2.077	1.971	2.035	2.035	2.94
11) bis(2-Chloroet...	1.757	1.800	1.787	1.702	1.680	1.690	1.636	1.722	1.722	3.53
12) 1,3-Dichlorobe...	1.579	1.479	1.546	1.452	1.422	1.467	1.404	1.479	1.479	4.29
13) C 1,4-Dichlorobe...	1.571	1.514	1.553	1.475	1.435	1.491	1.413	1.493	1.493	3.89
14) 1,2-Dichlorobe...	1.523	1.475	1.513	1.410	1.377	1.416	1.356	1.439	1.439	4.57
15) Benzyl Alcohol	1.306	1.454	1.474	1.415	1.417	1.437	1.365	1.410	1.410	4.07
16) 2,2'-oxybis(1-...	1.639	1.716	1.642	1.546	1.549	1.532	1.474	1.585	1.585	5.23
17) 2-Methylphenol	1.257	1.313	1.350	1.290	1.277	1.288	1.230	1.286	1.286	2.99
18) Hexachloroethane	0.599	0.590	0.617	0.594	0.587	0.614	0.590	0.599	0.599	2.04
19) P n-Nitroso-di-n...	1.329	1.436	1.555	1.433	1.340	1.308	1.271	1.185	1.357	8.44
20) 3+4-Methylphenols	1.595	1.820	1.795	1.758	1.734	1.769	1.670	1.734	1.734	4.49
21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone	0.636	0.621	0.643	0.612	0.591	0.609	0.590	0.614	0.614	3.32
23) S Nitrobenzene-d5	0.300	0.339	0.386	0.410	0.412	0.436	0.430	0.387	0.387	13.07
24) Nitrobenzene	0.338	0.385	0.430	0.443	0.435	0.460	0.454	0.421	0.421	10.43
25) Isophorone	0.947	0.970	0.951	0.913	0.877	0.886	0.864	0.915	0.915	4.51
26) C 2-Nitrophenol	0.054	0.063	0.076	0.094	0.107	0.120		0.086	0.086	30.30#
27) 2,4-Dimethylph...	0.218	0.225	0.232	0.225	0.221	0.233	0.227	0.226	0.226	2.34
28) bis(2-Chloroet...	0.577	0.574	0.572	0.549	0.542	0.554	0.543	0.559	0.559	2.72
29) C 2,4-Dichloroph...	0.226	0.249	0.270	0.273	0.275	0.288	0.288	0.267	0.267	8.43
30) 1,2,4-Trichlor...	0.355	0.332	0.347	0.340	0.331	0.349	0.343	0.342	0.342	2.61
31) Naphthalene	1.084	1.041	1.074	1.041	1.002	1.046	1.026	1.045	1.045	2.65
32) Benzoic acid		0.082	0.104	0.129	0.151	0.168	0.187	0.137	0.137	29.06
33) 4-Chloroaniline	0.394	0.403	0.406	0.395	0.379	0.389	0.381	0.392	0.392	2.58
34) C Hexachlorobuta...	0.217	0.213	0.218	0.215	0.210	0.219	0.217	0.215	0.215	1.50
35) Caprolactam	0.099	0.115	0.118	0.114	0.109	0.113	0.110	0.111	0.111	5.44
36) C 4-Chloro-3-met...	0.332	0.375	0.382	0.383	0.370	0.378	0.372	0.370	0.370	4.74
37) 2-Methylnaphth...	0.747	0.742	0.730	0.705	0.683	0.701	0.683	0.713	0.713	3.75
38) 1-Methylnaphth...	0.742	0.735	0.725	0.697	0.673	0.685	0.666	0.703	0.703	4.37

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP081324.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.574	0.543	0.592	0.595	0.578	0.616	0.604	0.586	4.05
41) P	Hexachlorocycl...	0.159	0.153	0.174	0.192	0.195	0.214	0.214	0.186	13.17
42) S	2,4,6-Tribromo...	0.179	0.204	0.222	0.236	0.231	0.245	0.240	0.223	10.47
43) C	2,4,6-Trichlor...	0.261	0.284	0.318	0.343	0.339	0.367	0.367	0.326	12.49
44)	2,4,5-Trichlor...	0.284	0.316	0.360	0.382	0.378	0.408	0.404	0.362	12.72
45) S	2-Fluorobiphenyl	1.371	1.314	1.335	1.327	1.264	1.309	1.253	1.310	3.12
46)	1,1'-Biphenyl	1.462	1.400	1.434	1.428	1.362	1.433	1.386	1.415	2.40
47)	2-Chloronaphth...	1.121	1.075	1.117	1.116	1.065	1.129	1.088	1.102	2.30
48)	2-Nitroaniline	0.146	0.181	0.231	0.285	0.294	0.329	0.328	0.256	28.08
49)	Acenaphthylene	1.660	1.610	1.657	1.645	1.561	1.633	1.570	1.619	2.51
50)	Dimethylphthalate	1.387	1.365	1.369	1.352	1.276	1.340	1.287	1.339	3.17
51)	2,6-Dinitrotol...	0.129	0.187	0.227	0.255	0.261	0.282	0.283	0.232	24.32
52) C	Acenaphthene	1.094	1.058	1.074	1.073	1.023	1.072	1.042	1.063	2.23
53)	3-Nitroaniline	0.127	0.185	0.221	0.254	0.254	0.279	0.277	0.228	24.33
54) P	2,4-Dinitrophenol		0.045	0.052	0.066	0.073	0.085	0.093	0.069	27.01
55)	Dibenzofuran	1.735	1.637	1.677	1.649	1.563	1.607	1.575	1.635	3.67
56) P	4-Nitrophenol		0.141	0.177	0.202	0.201	0.225	0.223	0.195	16.26
57)	2,4-Dinitrotol...	0.140	0.214	0.262	0.320	0.328	0.362	0.365	0.284	29.47
58)	Fluorene	1.431	1.400	1.408	1.354	1.260	1.315	1.233	1.343	5.70
59)	2,3,4,6-Tetrac...	0.250	0.278	0.302	0.328	0.317	0.340	0.333	0.307	10.67
60)	Diethylphthalate	1.405	1.395	1.427	1.397	1.318	1.368	1.310	1.374	3.26
61)	4-Chlorophenyl...	0.741	0.724	0.718	0.695	0.656	0.680	0.644	0.694	5.19
62)	4-Nitroaniline	0.148	0.198	0.242	0.273	0.262	0.288	0.278	0.241	21.07
63)	Azobenzene	1.797	1.779	1.778	1.714	1.555	1.648	1.555	1.689	6.21
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...		0.031	0.039	0.052	0.060	0.069	0.075	0.054	30.94
66) c	n-Nitrosodiphe...	0.534	0.541	0.549	0.538	0.523	0.534	0.531	0.536	1.52
67)	4-Bromophenyl-...	0.211	0.210	0.212	0.207	0.210	0.215	0.216	0.212	1.39
68)	Hexachlorobenzene	0.255	0.249	0.250	0.252	0.245	0.252	0.248	0.250	1.32
69)	Atrazine	0.181	0.186	0.196	0.191	0.179	0.182	0.174	0.184	4.00
70) C	Pentachlorophenol		0.108	0.125	0.137	0.143	0.151	0.156	0.137	13.07
71)	Phenanthrene	0.990	0.963	0.998	0.965	0.932	0.952	0.932	0.962	2.71
72)	Anthracene	0.954	0.955	0.970	0.950	0.915	0.943	0.915	0.943	2.21
73)	Carbazole	0.908	0.906	0.941	0.930	0.873	0.913	0.892	0.909	2.49
74)	Di-n-butylphth...	1.049	1.065	1.149	1.149	1.133	1.144	1.126	1.116	3.75
75) C	Fluoranthene	1.215	1.153	1.233	1.200	1.137	1.179	1.144	1.180	3.17
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine		0.297	0.451	0.477	0.476	0.408	0.409	0.420	16.09
78)	Pyrene	1.283	1.470	1.295	1.290	1.262	1.270	1.282	1.307	5.55
79) S	Terphenyl-d14	1.069	1.196	1.034	1.006	0.973	0.994	0.935	1.029	8.24
80)	Butylbenzylphth...	0.298	0.365	0.411	0.470	0.489	0.508	0.519	0.437	18.83
81)	Benzo(a)anthra...	1.271	1.247	1.291	1.268	1.224	1.244	1.242	1.256	1.79
82)	3,3'-Dichlorob...	0.349	0.358	0.413	0.428	0.419	0.429	0.422	0.403	8.47
83)	Chrysene	1.213	1.180	1.205	1.197	1.151	1.182	1.169	1.185	1.81
84)	Bis(2-ethylhex...	0.607	0.635	0.741	0.781	0.804	0.800	0.826	0.742	11.70
85) c	Di-n-octyl pht...		0.839	1.115	1.247	1.285	1.332	1.376	1.199	16.51

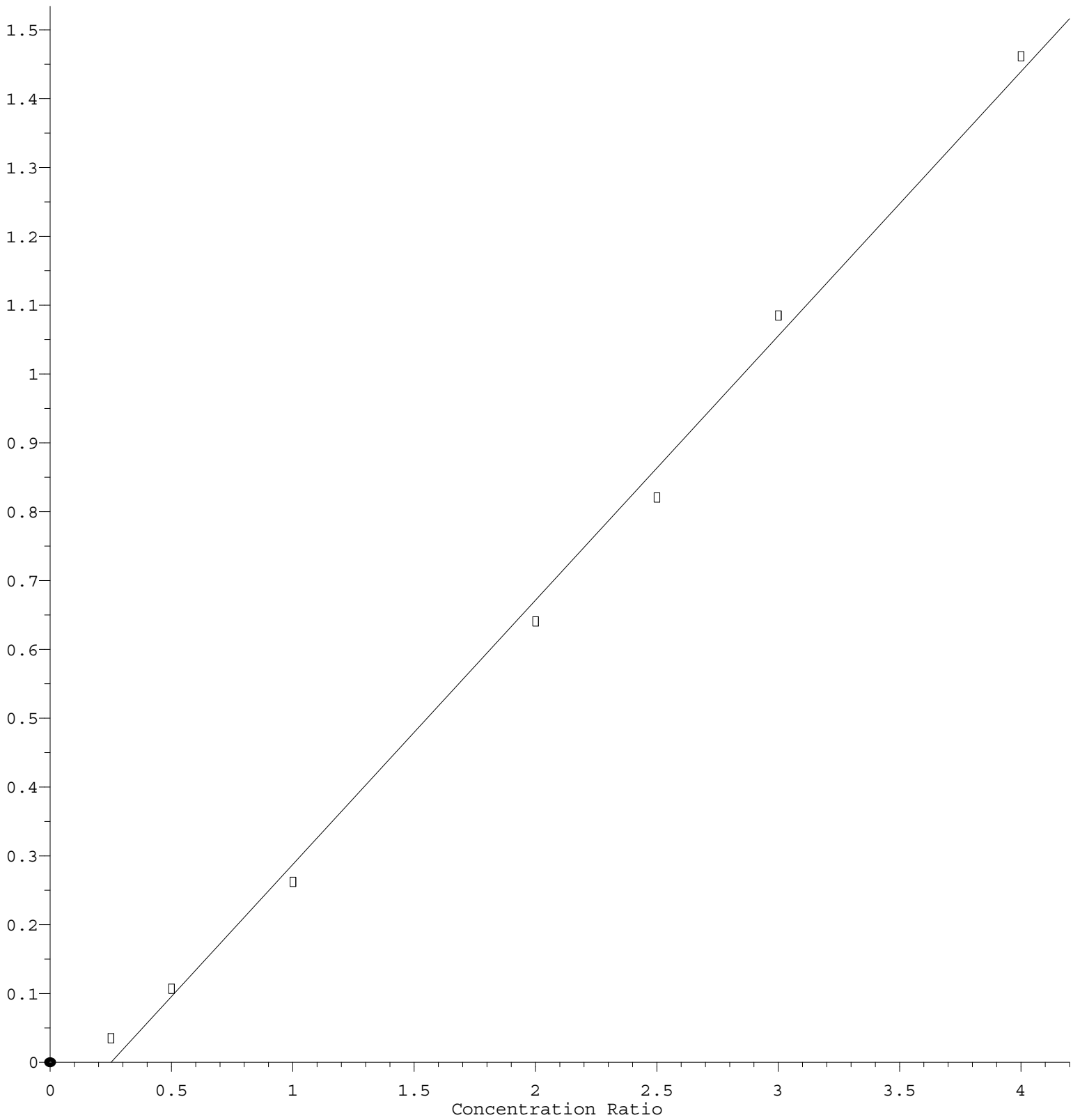
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081324.M

		-----ISTD-----									
86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.244	1.156	1.317	1.327	1.297	1.384	1.350	1.296	5.84	
88)	Benzo(b)fluora...	1.106	1.152	1.158	1.155	1.119	1.189	1.163	1.149	2.42	
89)	Benzo(k)fluora...	1.115	1.101	1.124	1.141	1.103	1.150	1.110	1.121	1.69	
90) C	Benzo(a)pyrene	0.953	0.953	1.003	1.012	0.996	1.040	1.019	0.997	3.28	
91)	Dibenzo(a,h)an...	1.034	0.965	1.106	1.102	1.080	1.144	1.109	1.077	5.54	
92)	Benzo(g,h,i)pe...	1.052	0.955	1.096	1.102	1.074	1.151	1.128	1.080	5.91	

(#) = Out of Range

2,4-Dinitrotoluene

Response Ratio



Response = 3.838e-001 * Amt - 9.639e-002

Coef of Det (r^2) = 0.996361 Curve Fit: Linear

MetP6458\SW\CMS Group6

Calibration Table Last Updated: Wed Aug 14 00:00:30 2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021481.D
 Acq On : 13 Aug 2024 12:32
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC2.5

Quant Time: Aug 13 23:06:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:03:48 2024
 Response via : Initial Calibration

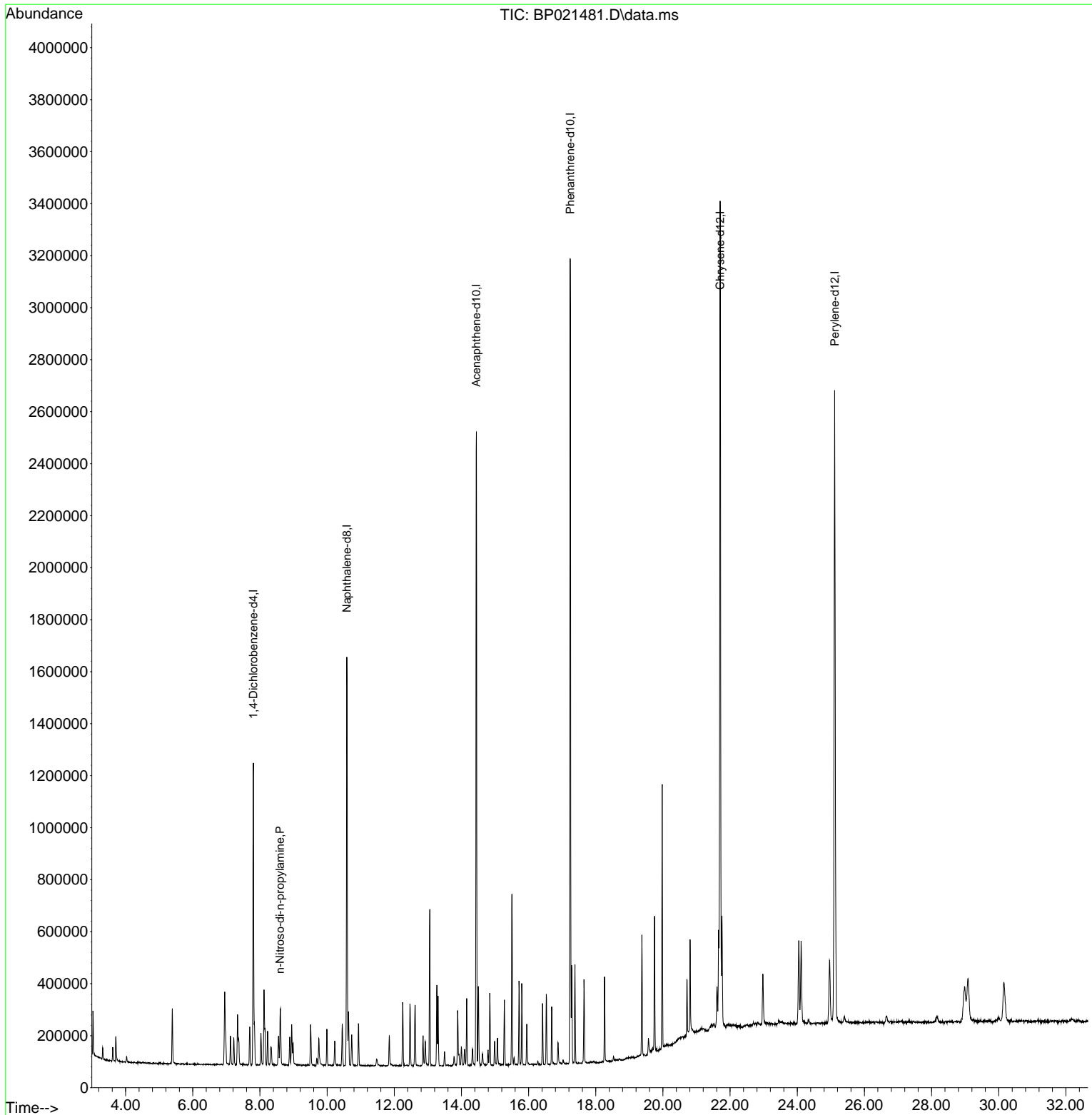
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	291697	20.000	ng	0.00	
21) Naphthalene-d8	10.587	136	1211879	20.000	ng	-0.01	
39) Acenaphthene-d10	14.445	164	840945	20.000	ng	-0.01	
64) Phenanthrene-d10	17.239	188	1860621	20.000	ng	-0.01	
76) Chrysene-d12	21.704	240	1845246	20.000	ng	0.00	
86) Perylene-d12	25.115	264	2154249	20.000	ng	0.01	
System Monitoring Compounds							
5) 2-Fluorophenol	0.000	112	0d	0.000	ng		
7) Phenol-d6	0.000	99	0d	0.000	ng		
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							
19) n-Nitroso-di-n-propyla...	8.599	70	48460	2.448	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

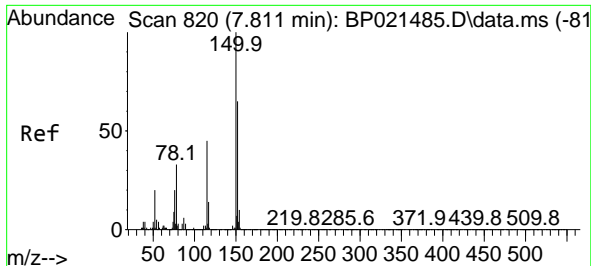
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Data File : BP021481.D
Acq On : 13 Aug 2024 12:32
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 13 23:06:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 23:03:48 2024
Response via : Initial Calibration



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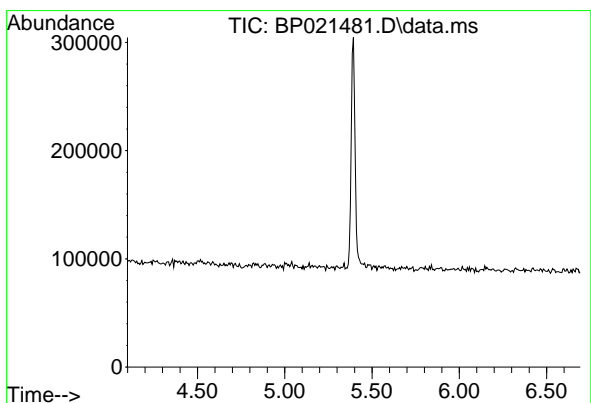
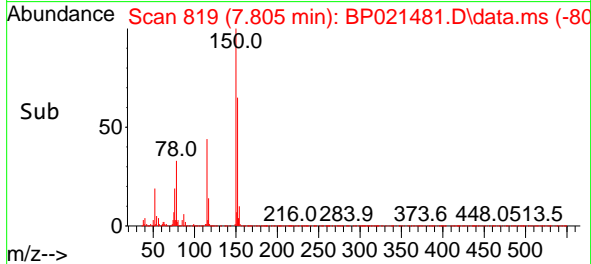
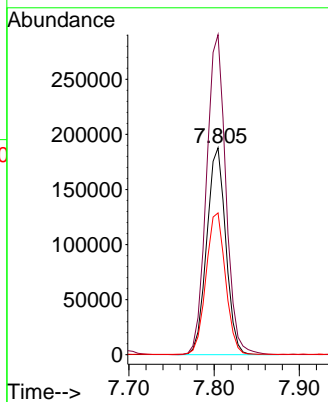
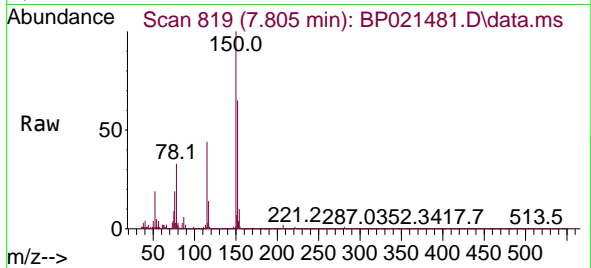


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP021481.D
 Acq: 13 Aug 2024 12:32

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:152 Resp: 291697

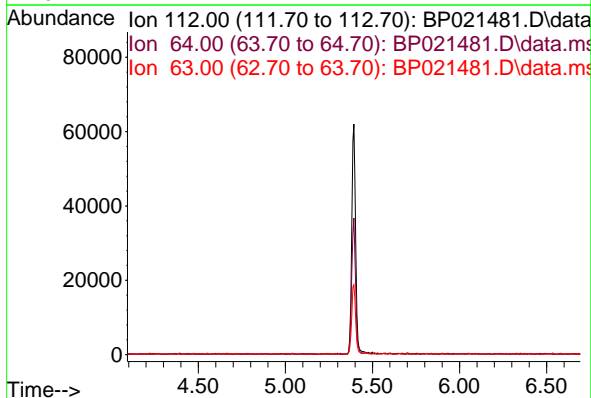
Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.4	183.6
115	68.5	54.7	82.1

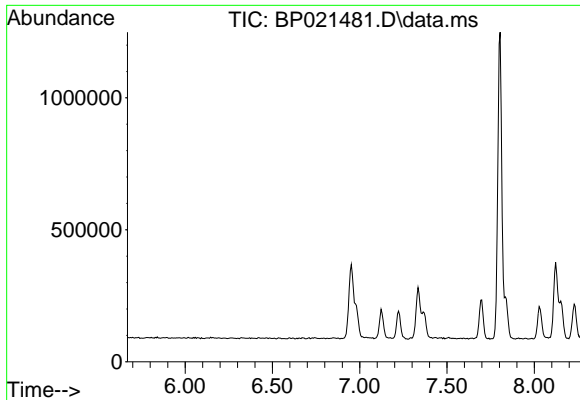


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.39 min
 Lab File: BP021481.D
 Acq: 13 Aug 2024 12:32

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	61.3
63	30.7



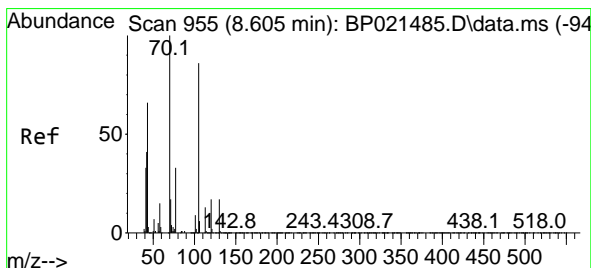
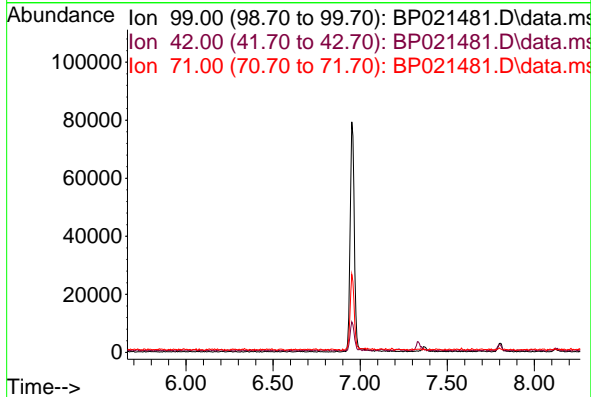


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.96 min
 Lab File: BP021481.D
 Acq: 13 Aug 2024 12:32

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

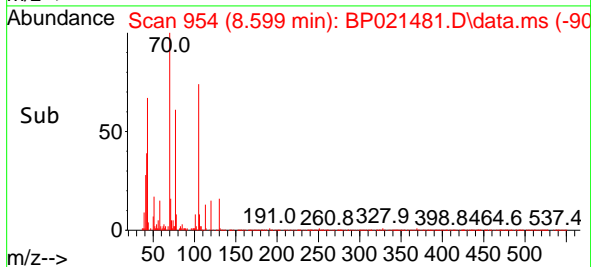
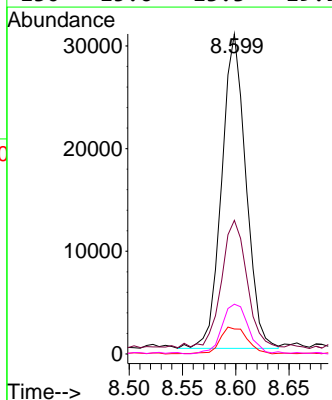
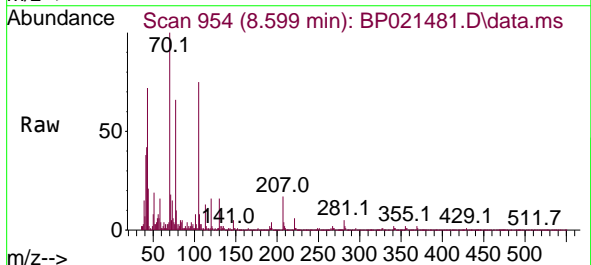
Sig	Exp Ratio
99	100
42	12.8
71	32.3

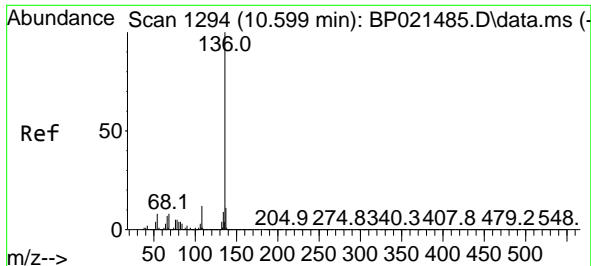


#19
 n-Nitroso-di-n-propylamine
 Concen: 2.448 ng
 RT: 8.599 min Scan# 954
 Delta R.T. -0.006 min
 Lab File: BP021481.D
 Acq: 13 Aug 2024 12:32

Tgt Ion: 70 Resp: 48460

Ion	Ratio	Lower	Upper
70	100		
42	41.7	33.1	49.7
101	7.8	7.4	11.2
130	15.6	13.3	19.9



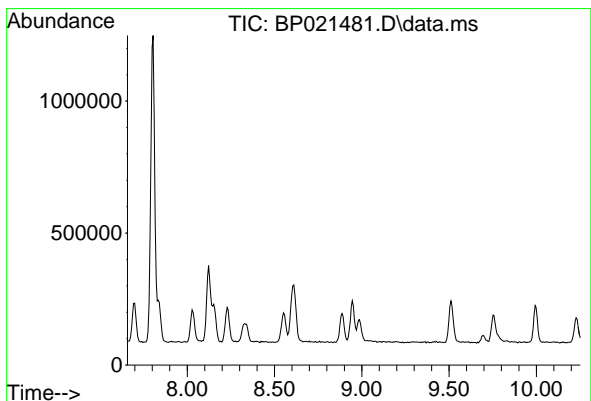
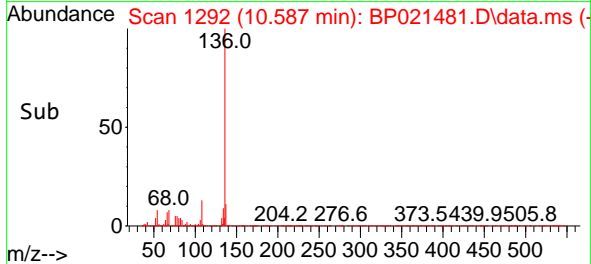
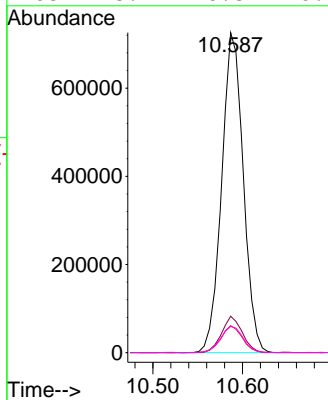
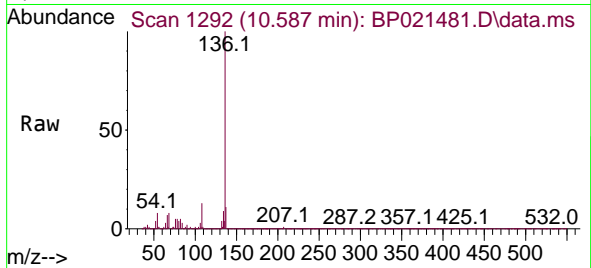


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.587 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BP021481.D
 Acq: 13 Aug 2024 12:32

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:136 Resp: 1211879

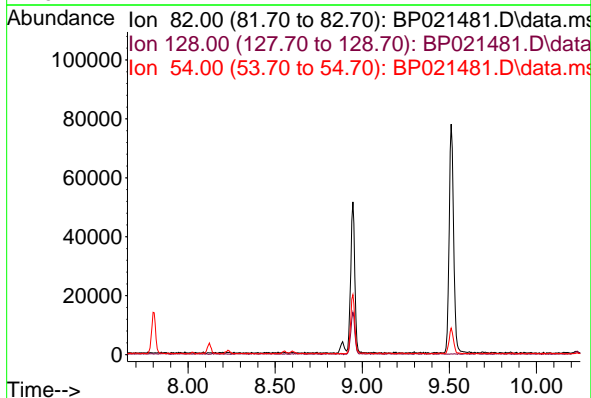
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.4	6.3	9.5
68	8.2	6.8	10.2

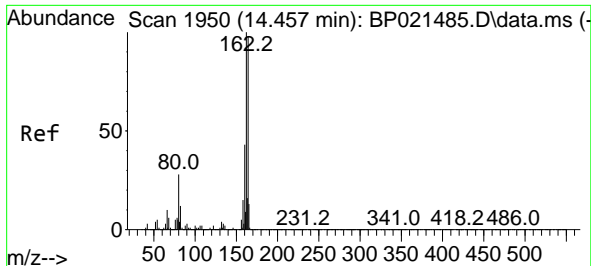


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 8.95 min

 Lab File: BP021481.D
 Acq: 13 Aug 2024 12:32

Tgt Ion	Sig	Exp Ratio
82		100
128		33.1
54		37.9

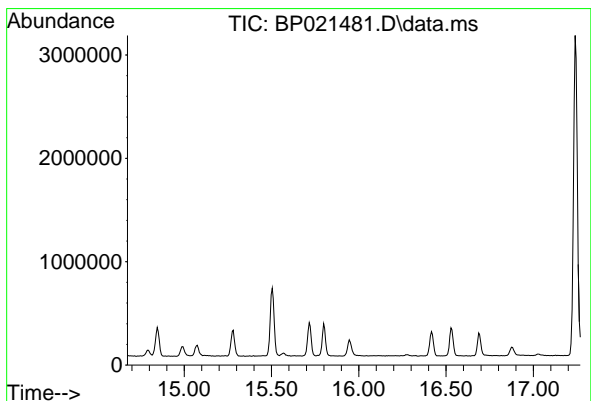
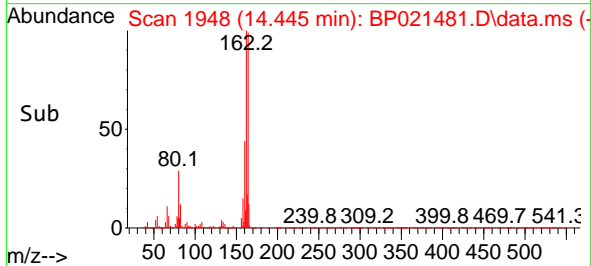
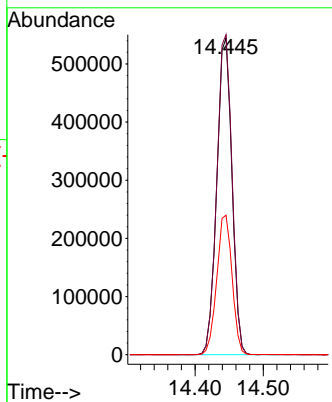
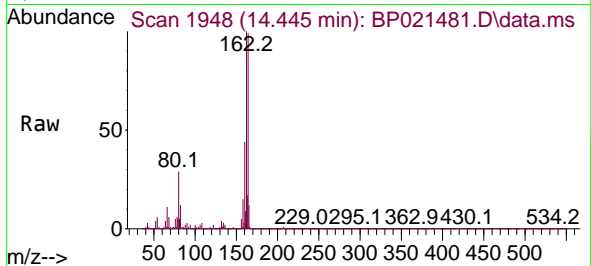




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.445 min Scan# 1950
 Delta R.T. -0.012 min
 Lab File: BP021481.D
 Acq: 13 Aug 2024 12:32

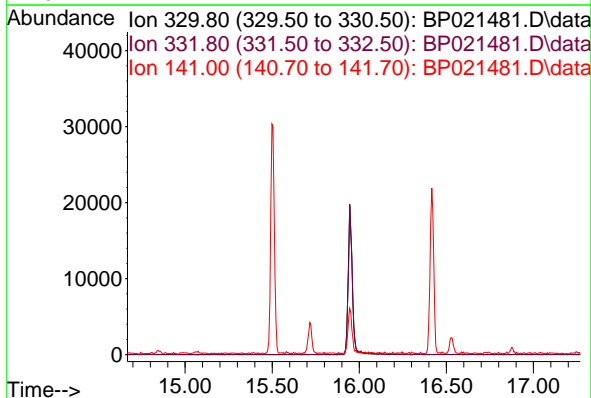
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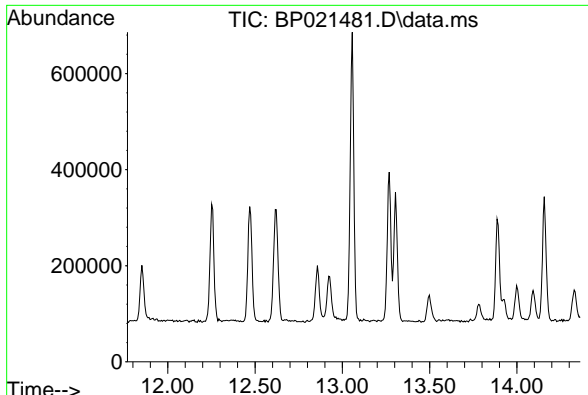
Tgt Ion	Resp	Lower	Upper
164	840945		
162	101.1	81.5	122.3
160	44.1	35.2	52.8



#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.97 min
 Lab File: BP021481.D
 Acq: 13 Aug 2024 12:32

Tgt Ion	Sig	Exp Ratio
330		100
332		96.7
141		30.6

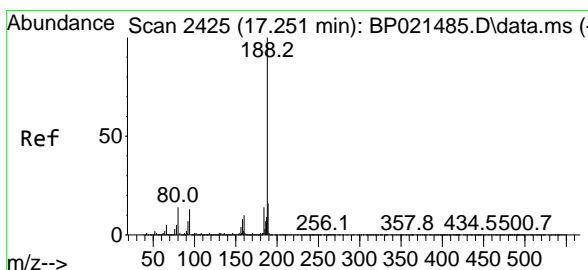
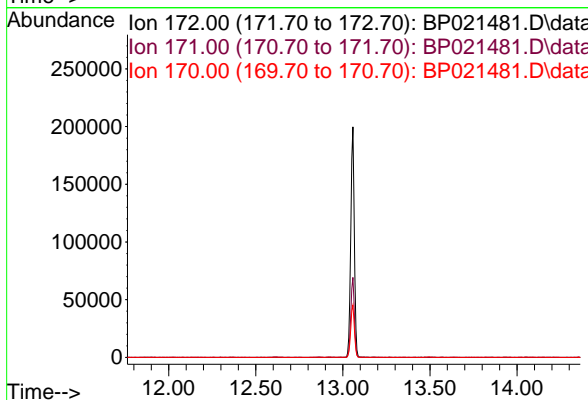




#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.06 min
 Lab File: BP021481.D
 Acq: 13 Aug 2024 12:32

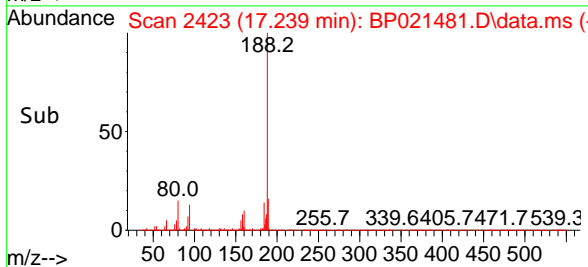
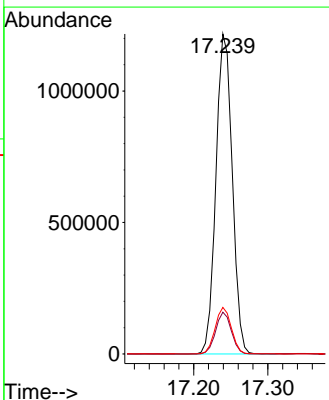
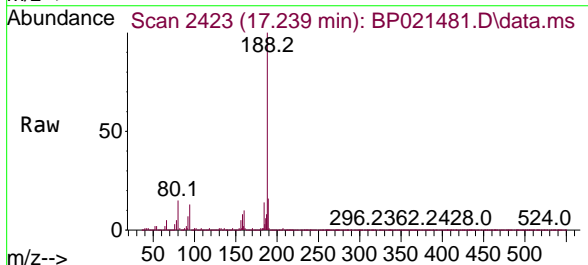
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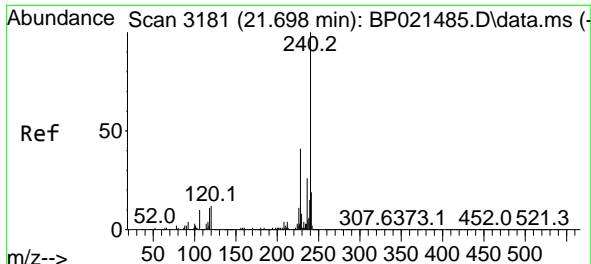
Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.3
 170 23.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.239 min Scan# 2423
 Delta R.T. -0.012 min
 Lab File: BP021481.D
 Acq: 13 Aug 2024 12:32

Tgt Ion: 188 Resp: 1860621
 Ion Ratio Lower Upper
 188 100
 94 13.0 10.2 15.4
 80 14.6 11.6 17.4



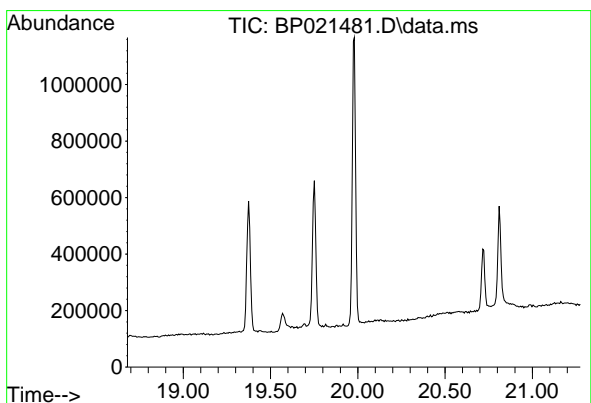
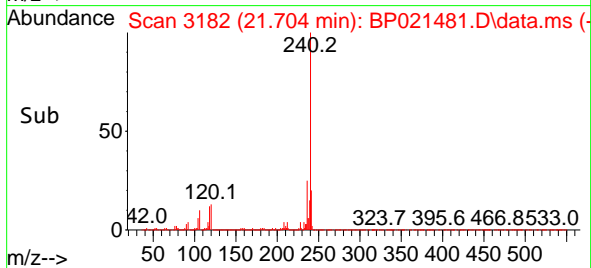
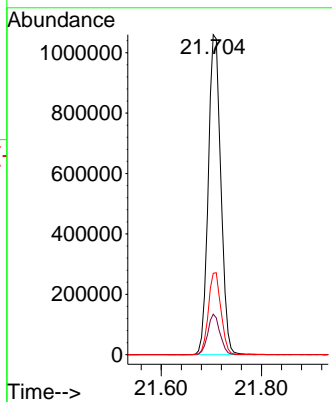
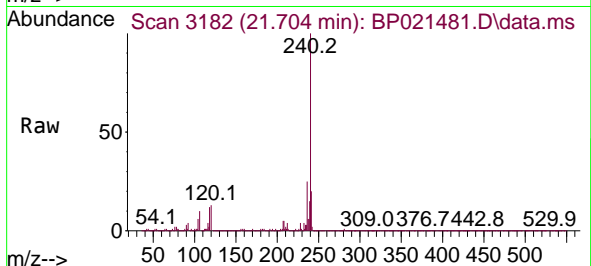


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.704 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP021481.D
 Acq: 13 Aug 2024 12:32

Instrument : BNA_P
 Client Sample Id : SSTDICC2.5

Tgt Ion: 240 Resp: 1845246

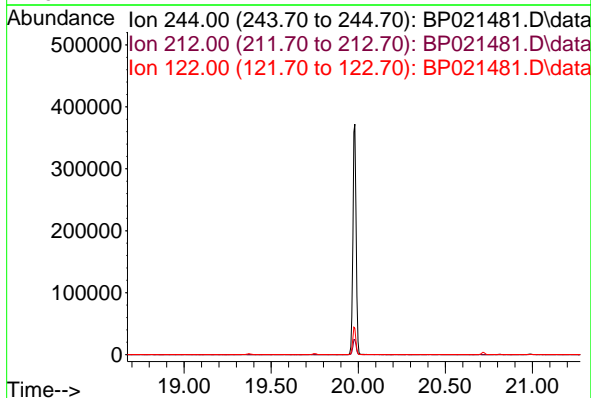
Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.9	14.9
236	25.4	20.6	30.8

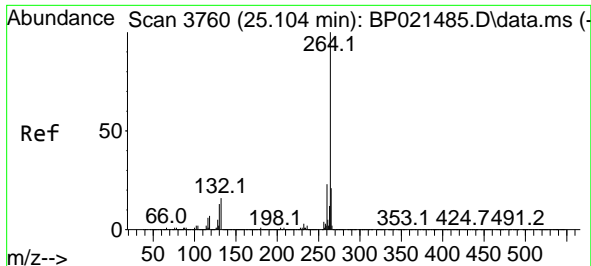


#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 19.97 min
 Lab File: BP021481.D
 Acq: 13 Aug 2024 12:32

Tgt Ion: 244

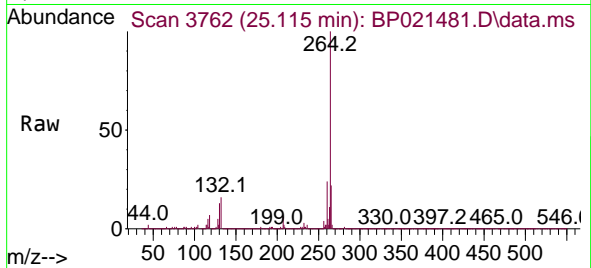
Sig	Exp Ratio
244	100
212	7.0
122	11.8





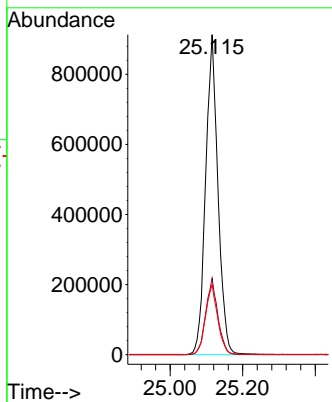
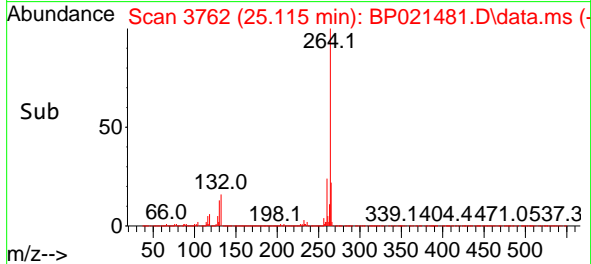
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.115 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP021481.D
Acq: 13 Aug 2024 12:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5



Tgt Ion: 264 Resp: 2154249

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.8	17.1	25.7



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021482.D
 Acq On : 13 Aug 2024 13:15
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 23:48:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	312360	20.000	ng	0.00	
21) Naphthalene-d8	10.587	136	1334707	20.000	ng	-0.01	
39) Acenaphthene-d10	14.451	164	933864	20.000	ng	0.00	
64) Phenanthrene-d10	17.257	188	2070828	20.000	ng	0.00	
76) Chrysenes-d12	21.698	240	2040393	20.000	ng	0.00	
86) Perylene-d12	25.115	264	2299535	20.000	ng	0.01	
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	208031	9.889	ng	0.00	
7) Phenol-d6	6.957	99	296244	9.654	ng	0.00	
23) Nitrobenzene-d5	8.946	82	199944	7.732	ng	0.00	
42) 2,4,6-Tribromophenol	15.963	330	83806	8.063	ng	0.00	
45) 2-Fluorobiphenyl	13.063	172	640316	10.464	ng	0.00	
79) Terphenyl-d14	19.980	244	1090116	10.379	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.316	88	53510	5.365	ng		98
3) Pyridine	3.711	79	136152	4.890	ng		99
4) n-Nitrosodimethylamine	3.616	42	42551	5.084	ng	#	92
6) Aniline	7.128	93	153398	5.000	ng		97
8) 2-Chlorophenol	7.369	128	93591	4.814	ng		99
9) Benzaldehyde	6.946	77	106515	5.421	ng		99
10) Phenol	6.981	94	153713	4.837	ng		98
11) bis(2-Chloroethyl)ether	7.228	93	137203	5.103	ng		99
12) 1,3-Dichlorobenzene	7.699	146	123281	5.339	ng		99
13) 1,4-Dichlorobenzene	7.840	146	122689	5.262	ng		97
14) 1,2-Dichlorobenzene	8.157	146	118950	5.294	ng		99
15) Benzyl Alcohol	8.028	79	101967	4.631	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.334	45	127954	5.167	ng		98
17) 2-Methylphenol	8.228	107	98168	4.887	ng		96
18) Hexachloroethane	8.887	117	46773	5.002	ng		97
19) n-Nitroso-di-n-propyla...	8.599	70	112153	5.291	ng		98
20) 3+4-Methylphenols	8.551	107	124528	4.597	ng		97
22) Acetophenone	8.610	105	212108	5.173	ng	#	98
24) Nitrobenzene	8.987	77	112817	4.017	ng		97
25) Isophorone	9.516	82	315900	5.171	ng		99
26) 2-Nitrophenol	9.698	139	18035	4.396	ng		97
27) 2,4-Dimethylphenol	9.757	122	72762	4.826	ng		99
28) bis(2-Chloroethoxy)met...	9.993	93	192662	5.167	ng		100
29) 2,4-Dichlorophenol	10.228	162	75312	4.228	ng		95
30) 1,2,4-Trichlorobenzene	10.451	180	118446	5.186	ng		95
31) Naphthalene	10.640	128	361804	5.189	ng		99
33) 4-Chloroaniline	10.740	127	131360	5.015	ng		97
34) Hexachlorobutadiene	10.940	225	72436	5.038	ng		97
35) Caprolactam	11.475	113	33090	4.463	ng		98
36) 4-Chloro-3-methylphenol	11.857	107	110736	4.481	ng		97
37) 2-Methylnaphthalene	12.251	142	249268	5.238	ng		98
38) 1-Methylnaphthalene	12.475	142	247615	5.276	ng		100
40) 1,2,4,5-Tetrachloroben...	12.622	216	133916	4.894	ng		99
41) Hexachlorocyclopentadiene	12.616	237	37190	4.288	ng		96
43) 2,4,6-Trichlorophenol	12.857	196	60845	4.003	ng		98
44) 2,4,5-Trichlorophenol	12.928	196	66306	3.926	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021482.D
 Acq On : 13 Aug 2024 13:15
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 23:48:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.275	154	341430	5.168	ng	99
47) 2-Chloronaphthalene	13.310	162	261761	5.089	ng	99
48) 2-Nitroaniline	13.498	65	34186	7.264	ng	97
49) Acenaphthylene	14.163	152	387614	5.126	ng	99
50) Dimethylphthalate	13.898	163	323804	5.178	ng	99
51) 2,6-Dinitrotoluene	14.010	165	30050	6.169	ng	# 81
52) Acenaphthene	14.516	154	255510	5.150	ng	99
53) 3-Nitroaniline	14.334	138	29621	6.160	ng	# 79
55) Dibenzofuran	14.851	168	405023	5.307	ng	99
57) 2,4-Dinitrotoluene	14.804	165	32636	6.843	ng	90
58) Fluorene	15.516	166	333975	5.326	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	58426	4.076	ng	# 98
60) Diethylphthalate	15.281	149	328116	5.113	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	173085	5.340	ng	100
62) 4-Nitroaniline	15.510	138	34574	5.481	ng	# 67
63) Azobenzene	15.810	77	419466	5.318	ng	98
66) n-Nitrosodiphenylamine	15.728	169	276698	4.986	ng	99
67) 4-Bromophenyl-phenylether	16.428	248	109250	4.985	ng	97
68) Hexachlorobenzene	16.545	284	132184	5.104	ng	97
69) Atrazine	16.692	200	93767	4.921	ng	99
71) Phenanthrene	17.292	178	512757	5.149	ng	99
72) Anthracene	17.386	178	493987	5.058	ng	99
73) Carbazole	17.669	167	470253	4.996	ng	99
74) Di-n-butylphthalate	18.269	149	542975	4.697	ng	99
75) Fluoranthene	19.380	202	629080	5.148	ng	99
78) Pyrene	19.757	202	654333	4.906	ng	100
80) Butylbenzylphthalate	20.710	149	152079	6.382	ng	95
81) Benzo(a)anthracene	21.680	228	648521	5.063	ng	100
82) 3,3'-Dichlorobenzidine	21.592	252	178137	4.338	ng	98
83) Chrysene	21.745	228	618621	5.115	ng	99
84) Bis(2-ethylhexyl)phtha...	21.651	149	309738	4.091	ng	100
87) Indeno(1,2,3-cd)pyrene	28.962	276	715393m	4.800	ng	
88) Benzo(b)fluoranthene	24.015	252	636027	4.816	ng	99
89) Benzo(k)fluoranthene	24.092	252	640982	4.975	ng	99
90) Benzo(a)pyrene	24.939	252	548144	4.783	ng	100
91) Dibenzo(a,h)anthracene	29.068	278	594702	4.802	ng	98
92) Benzo(g,h,i)perylene	30.162	276	604771	4.872	ng	96

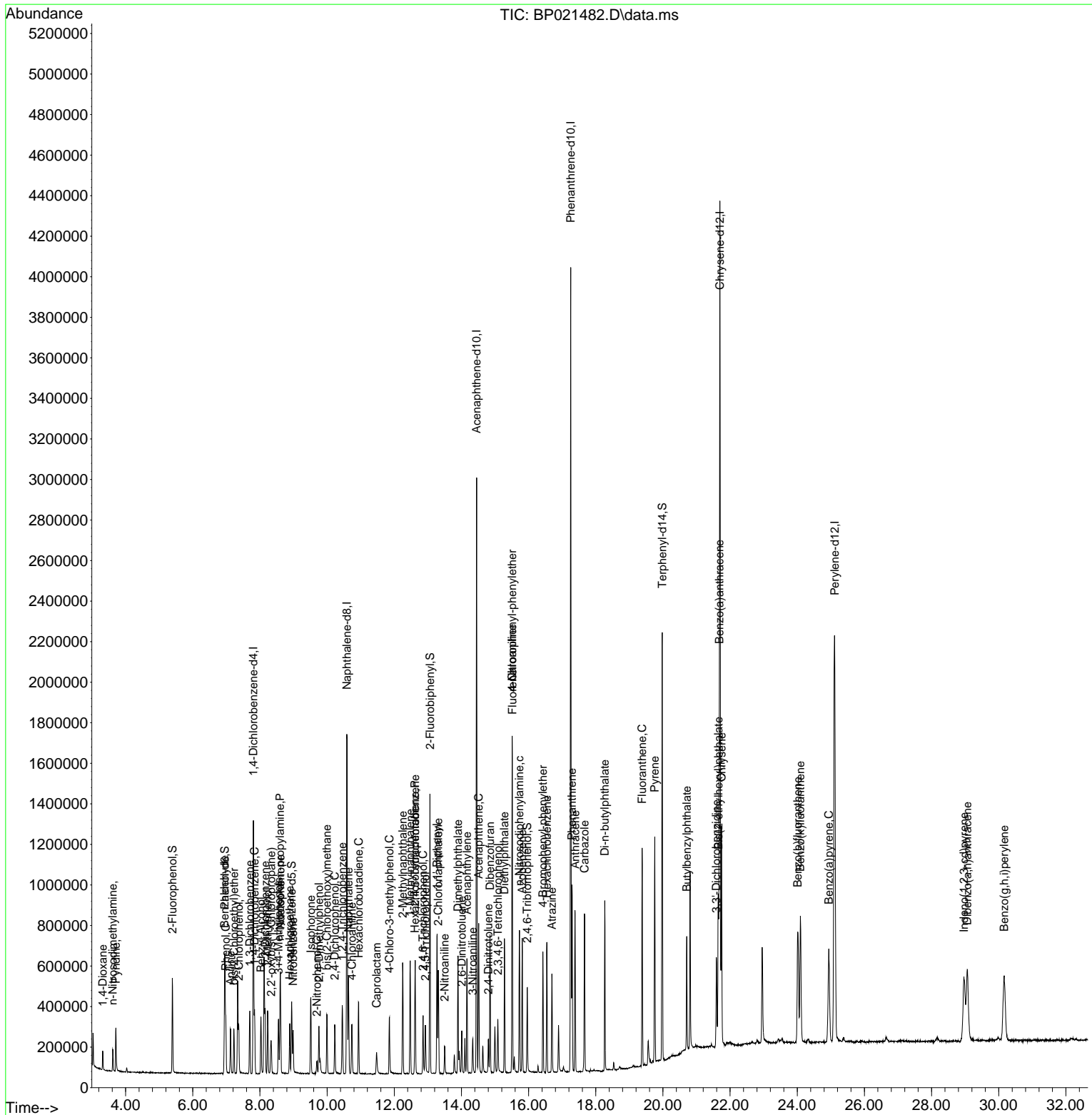
(#) = qualifier out of range (m) = manual integration (+) = signals summed

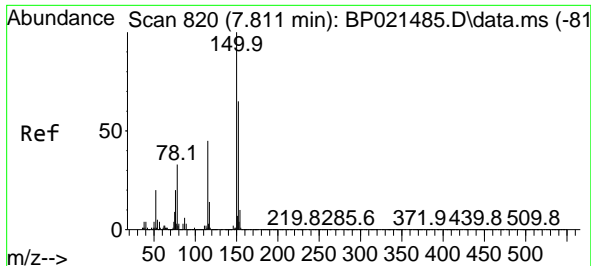
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021482.D
 Acq On : 13 Aug 2024 13:15
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Quant Time: Aug 13 23:48:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024





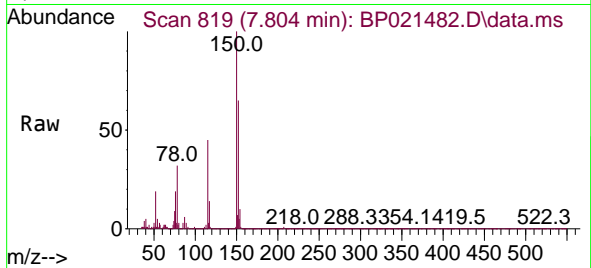
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDICC005



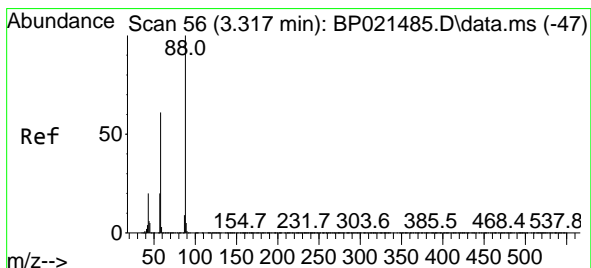
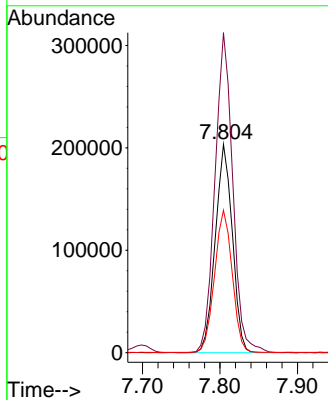
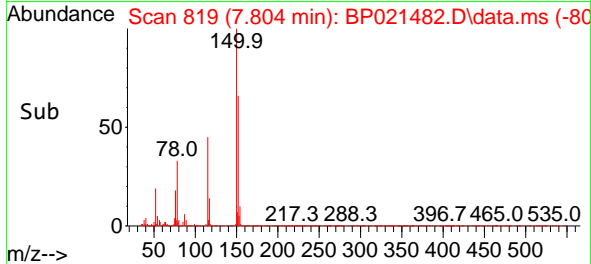
Tgt Ion:152 Resp: 312360
 Ion Ratio Lower Upper
 152 100
 150 153.6 122.4 183.6
 115 68.4 54.7 82.1

Manual Integrations

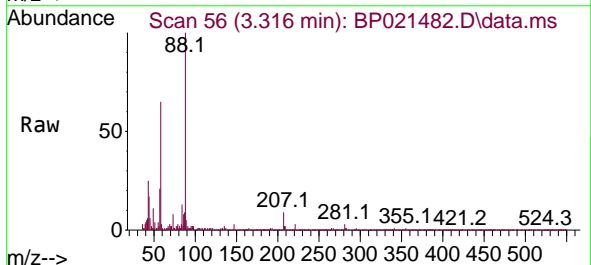
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

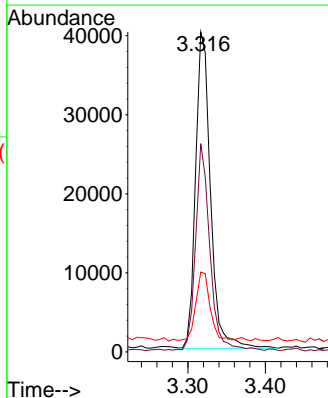
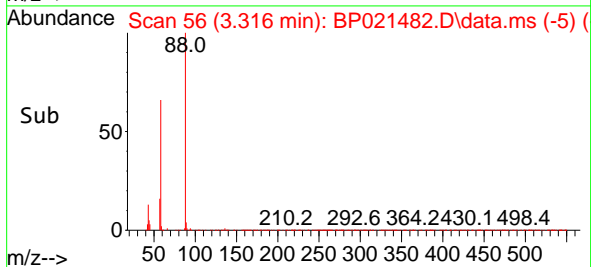
Supervised By :mohammad ahmed 08/14/2024

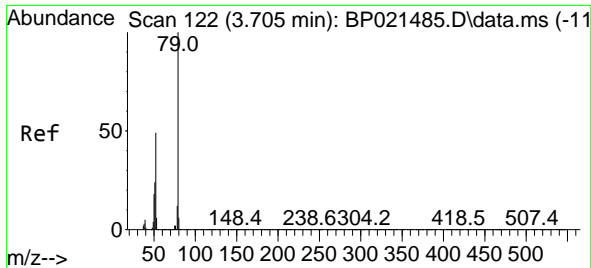


#2
 1,4-Dioxane
 Concen: 5.365 ng
 RT: 3.316 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



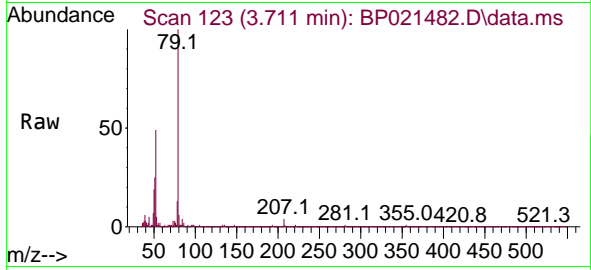
Tgt Ion: 88 Resp: 53510
 Ion Ratio Lower Upper
 88 100
 58 62.2 48.7 73.1
 43 20.5 15.4 23.2





#3
 Pyridine
 Concen: 4.890 ng
 RT: 3.711 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

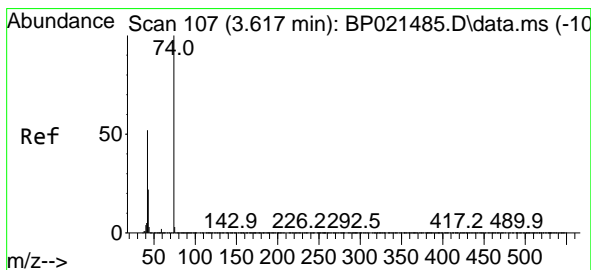
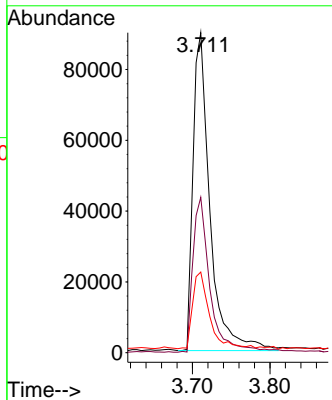
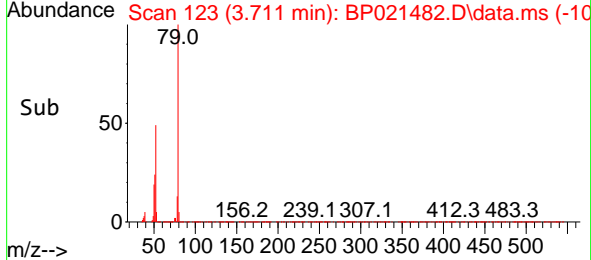
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC005



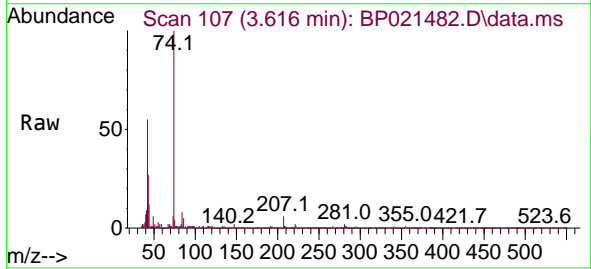
Tgt Ion: 79 Resp: 13615
 Ion Ratio Lower Upper
 79 100
 52 48.5 39.0 58.6
 51 25.2 19.2 28.8

Manual Integrations
 APPROVED

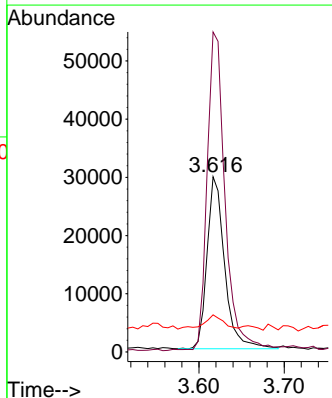
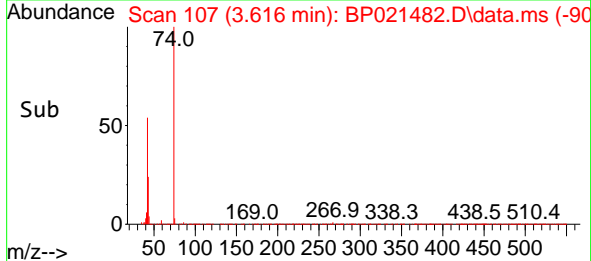
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

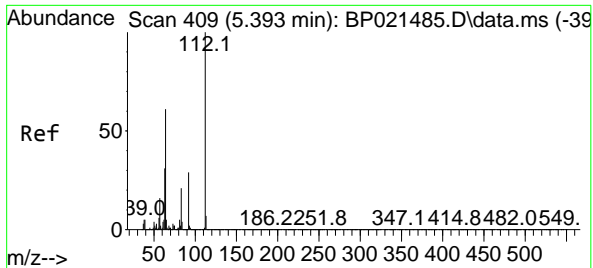


#4
 n-Nitrosodimethylamine
 Concen: 5.084 ng
 RT: 3.616 min Scan# 107
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



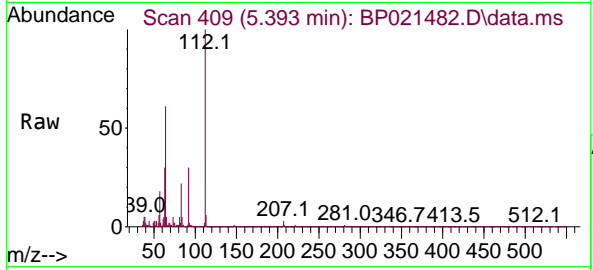
Tgt Ion: 42 Resp: 42551
 Ion Ratio Lower Upper
 42 100
 74 182.7 154.3 231.5
 44 21.2 6.2 9.4#





#5
 2-Fluorophenol
 Concen: 9.889 ng
 RT: 5.393 min Scan# 409
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

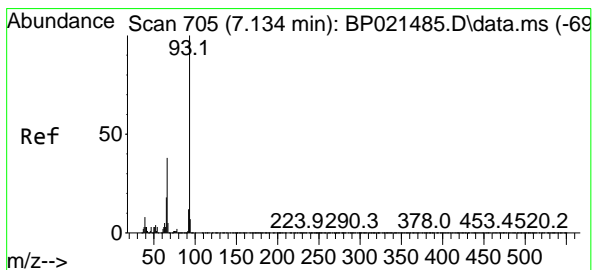
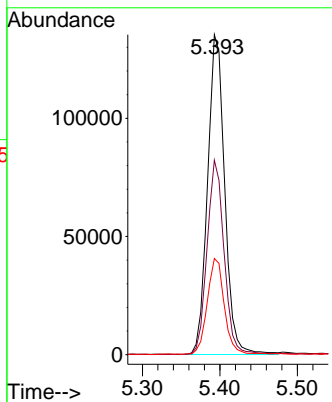
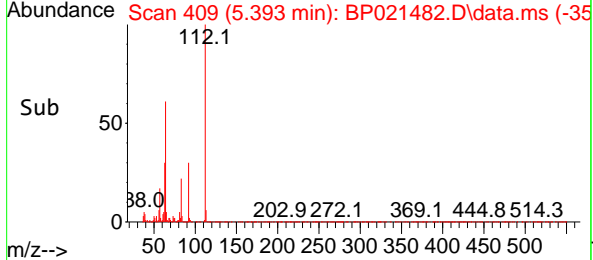
Instrument : BNA_P
 Client Sample Id : SSTDICC005



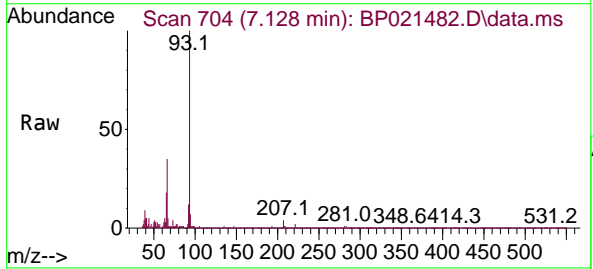
Tgt Ion: 112 Resp: 20803
 Ion Ratio Lower Upper
 112 100
 64 60.8 49.0 73.6
 63 30.0 24.6 36.8

Manual Integrations
 APPROVED

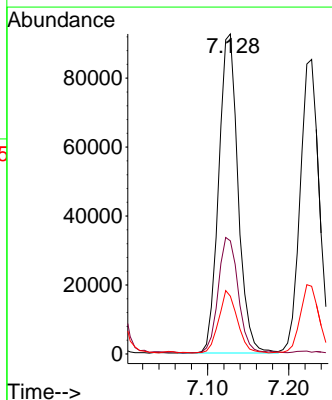
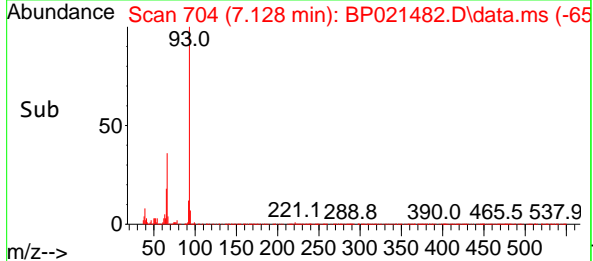
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

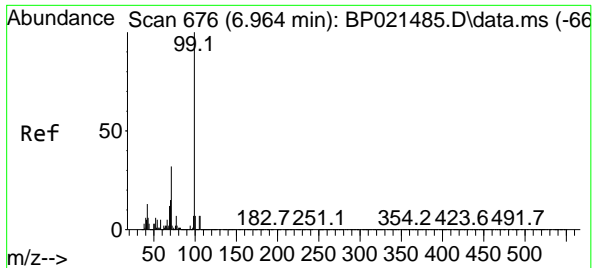


#6
 Aniline
 Concen: 5.000 ng
 RT: 7.128 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



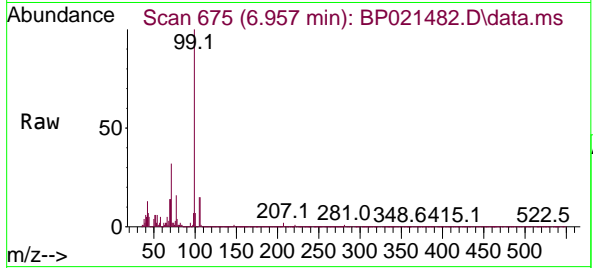
Tgt Ion: 93 Resp: 153398
 Ion Ratio Lower Upper
 93 100
 66 35.4 30.2 45.2
 65 18.0 14.7 22.1





#7
 Phenol-d6
 Concen: 9.654 ng
 RT: 6.957 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

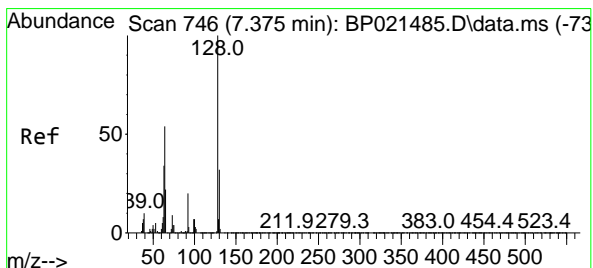
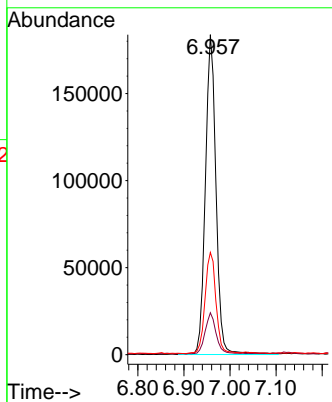
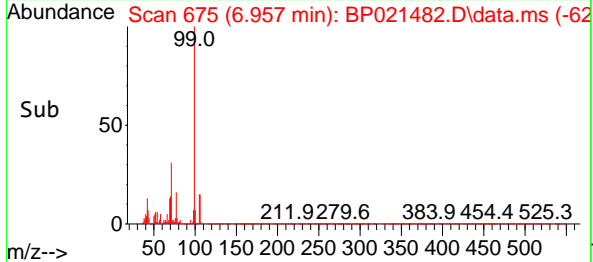
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC005



Tgt Ion: 99 Resp: 29624
 Ion Ratio Lower Upper
 99 100
 42 13.1 10.2 15.4
 71 32.0 25.8 38.8

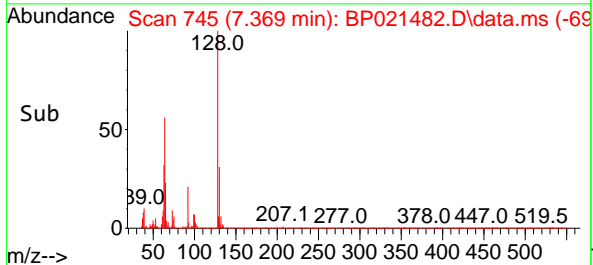
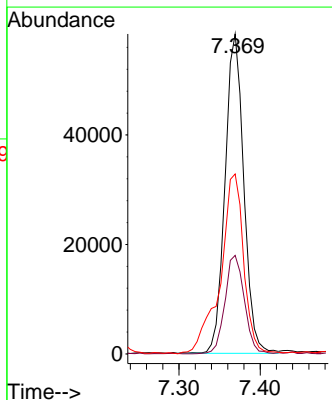
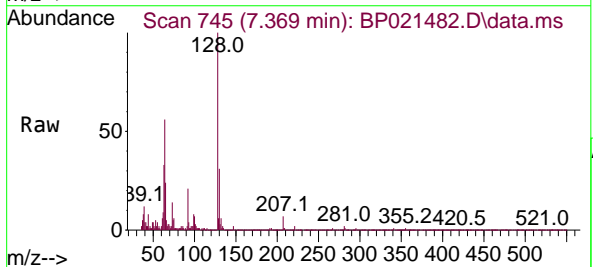
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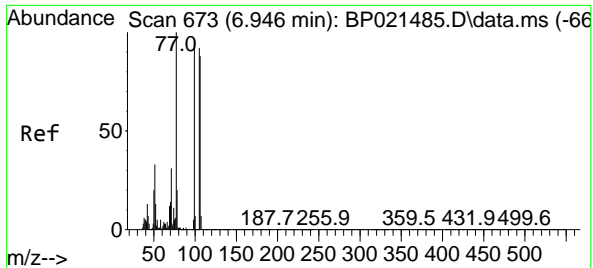
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#8
 2-Chlorophenol
 Concen: 4.814 ng
 RT: 7.369 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

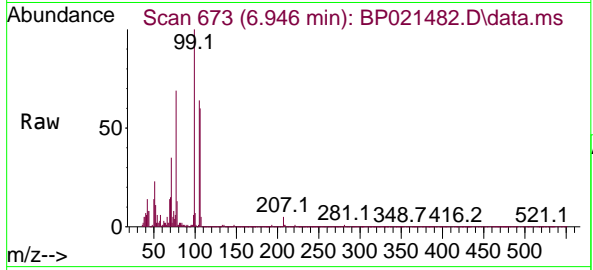
Tgt Ion:128 Resp: 93591
 Ion Ratio Lower Upper
 128 100
 130 30.8 11.6 51.6
 64 56.2 35.3 75.3





#9
Benzaldehyde
Concen: 5.421 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021482.D
Acq: 13 Aug 2024 13:15

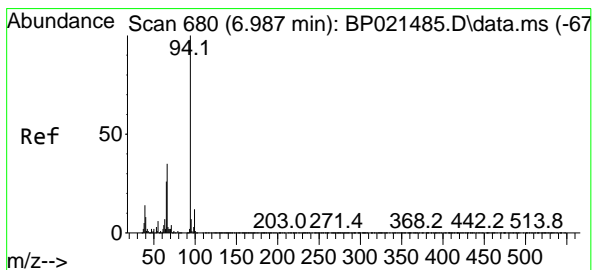
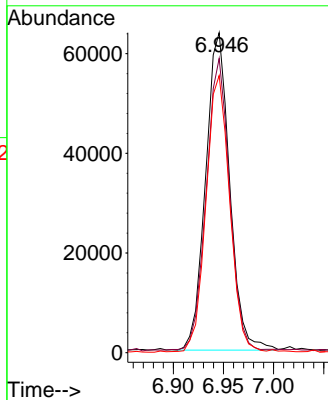
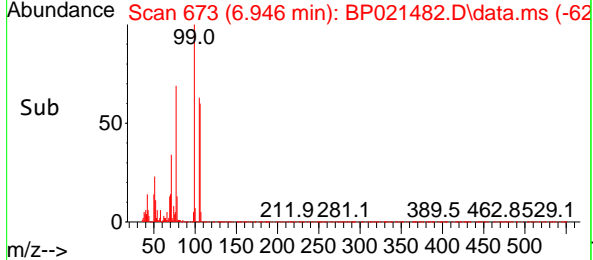
Instrument :
BNA_P
Client Sample Id :
SSTDIC005



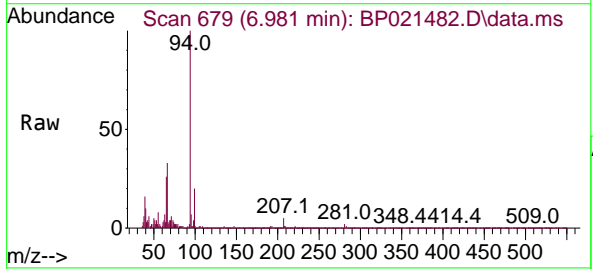
Tgt Ion: 77 Resp: 10651
Ion Ratio Lower Upper
77 100
105 91.9 72.1 112.1
106 86.6 67.9 107.9

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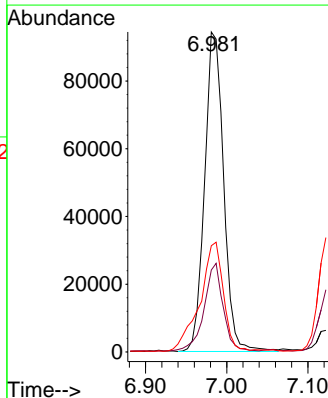
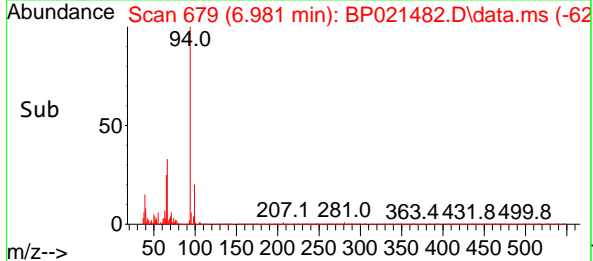
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

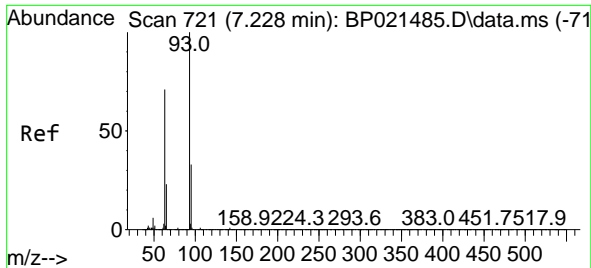


#10
Phenol
Concen: 4.837 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.006 min
Lab File: BP021482.D
Acq: 13 Aug 2024 13:15



Tgt Ion: 94 Resp: 153713
Ion Ratio Lower Upper
94 100
65 25.6 6.5 46.5
66 33.2 14.7 54.7





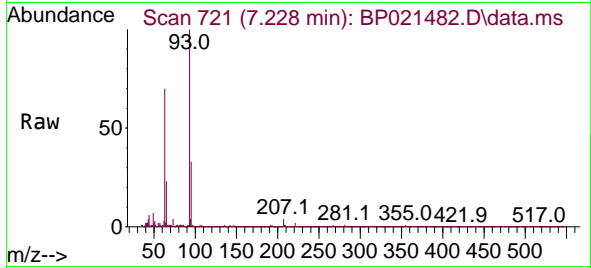
#11
 bis(2-Chloroethyl)ether
 Concen: 5.103 ng
 RT: 7.228 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :

BNA_P

Client Sample Id :

SSTDIC005

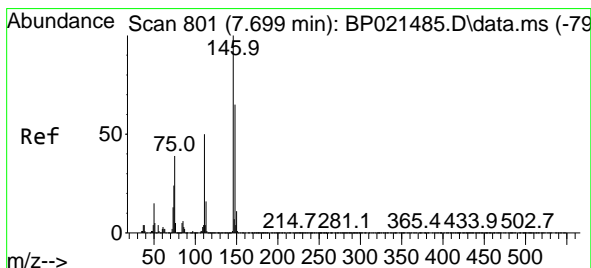
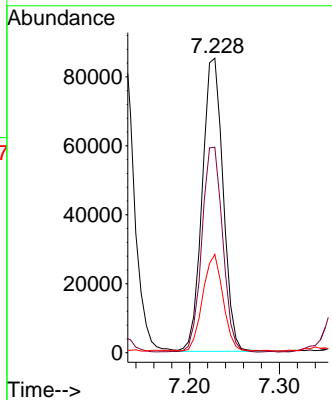
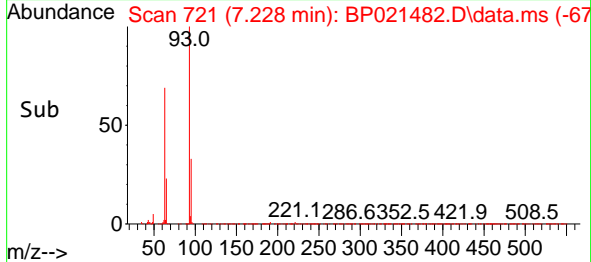


Tgt Ion: 93 Resp: 13720

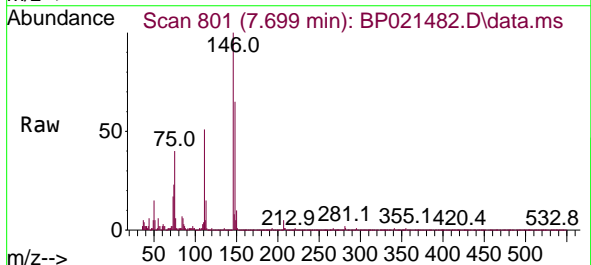
Ion	Ratio	Lower	Upper
93	100		
63	69.8	51.0	91.0
95	33.4	12.9	52.9

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Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

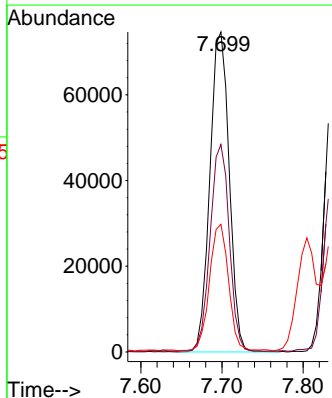
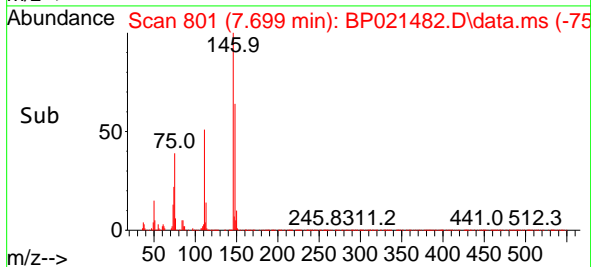


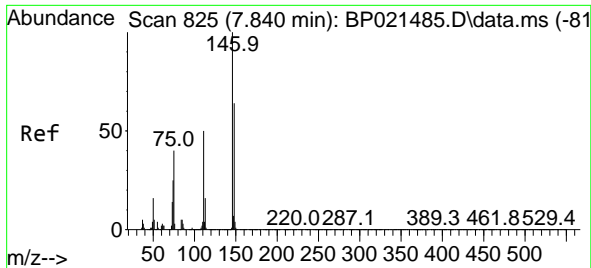
#12
 1,3-Dichlorobenzene
 Concen: 5.339 ng
 RT: 7.699 min Scan# 801
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



Tgt Ion:146 Resp: 123281

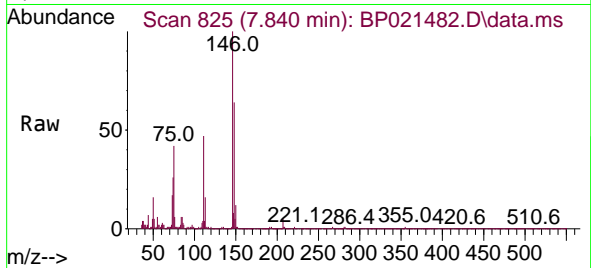
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.6
75	39.9	31.3	46.9





#13
 1,4-Dichlorobenzene
 Concen: 5.262 ng
 RT: 7.840 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

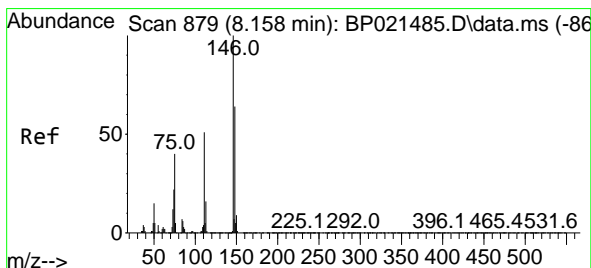
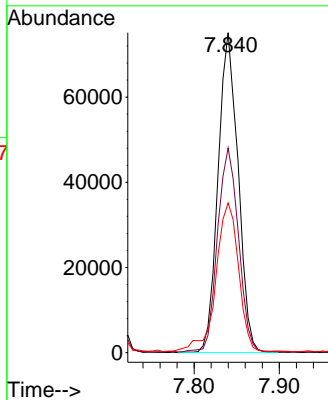
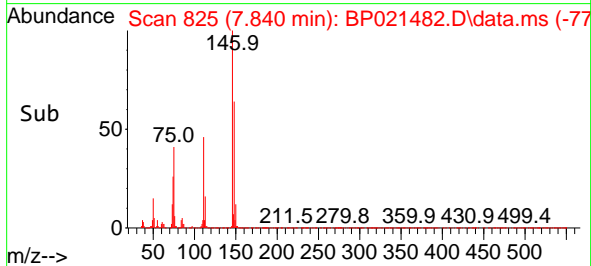
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005



Tgt Ion:146 Resp: 122689
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.5 77.3
 111 46.8 40.3 60.5

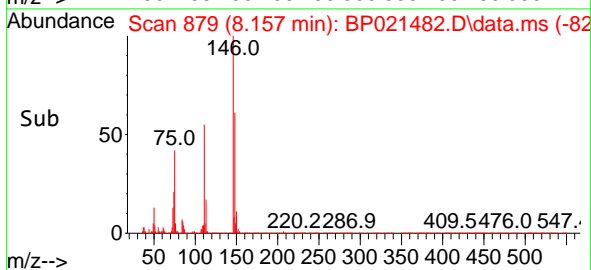
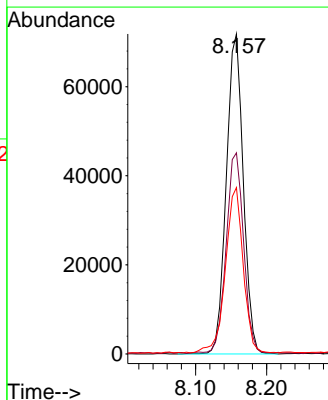
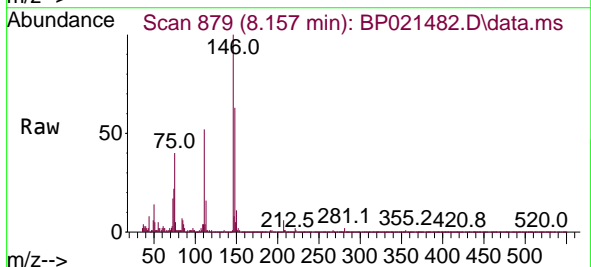
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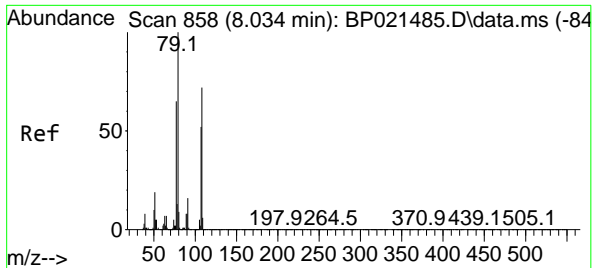
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#14
 1,2-Dichlorobenzene
 Concen: 5.294 ng
 RT: 8.157 min Scan# 879
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

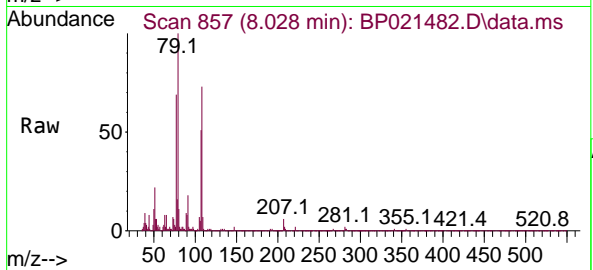
Tgt Ion:146 Resp: 118950
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.5 77.3
 111 52.0 41.1 61.7





#15
 Benzyl Alcohol
 Concen: 4.631 ng
 RT: 8.028 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC005

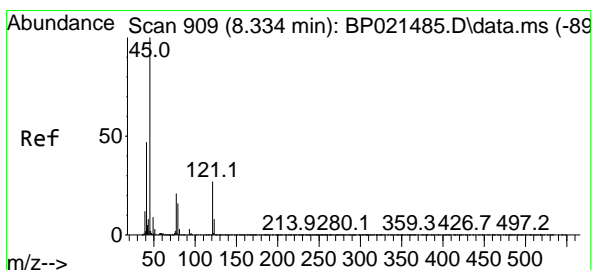
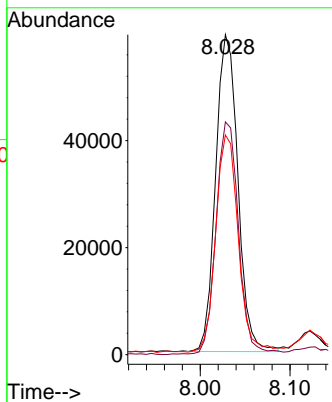
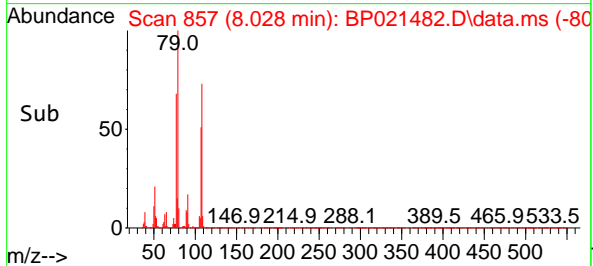


Tgt Ion: 79 Resp: 10196

Ion	Ratio	Lower	Upper
79	100		
108	72.8	57.9	86.9
77	68.6	51.8	77.8

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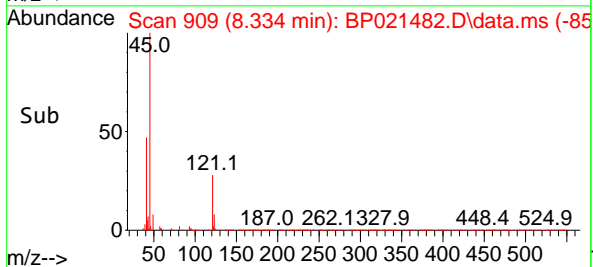
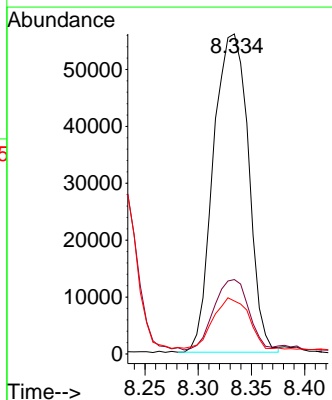
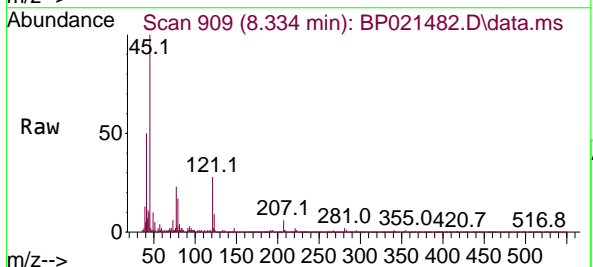
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

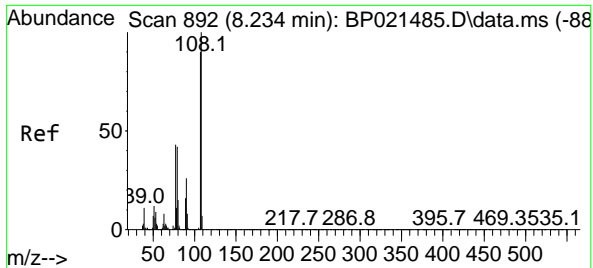


#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 5.167 ng
 RT: 8.334 min Scan# 909
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Tgt Ion: 45 Resp: 127954

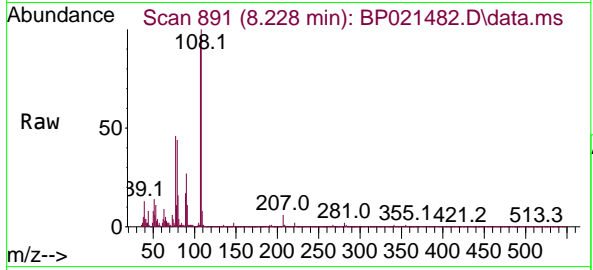
Ion	Ratio	Lower	Upper
45	100		
77	23.2	1.9	41.9
79	16.6	0.0	36.6





#17
 2-Methylphenol
 Concen: 4.887 ng
 RT: 8.228 min Scan# 891
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC005

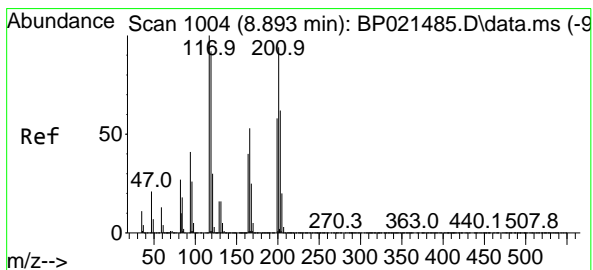
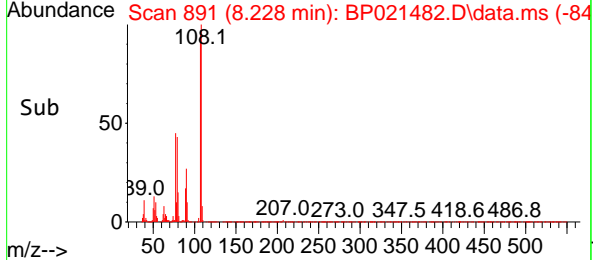
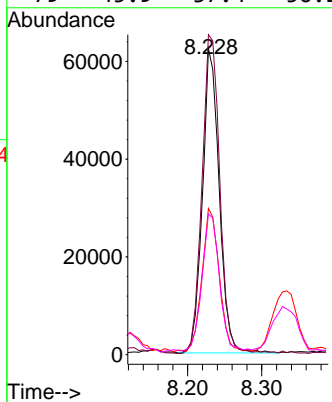


Tgt Ion: 107 Resp: 9816

Ion	Ratio	Lower	Upper
107	100		
108	104.6	88.8	133.2
77	47.8	38.7	58.1
79	45.9	37.4	56.2

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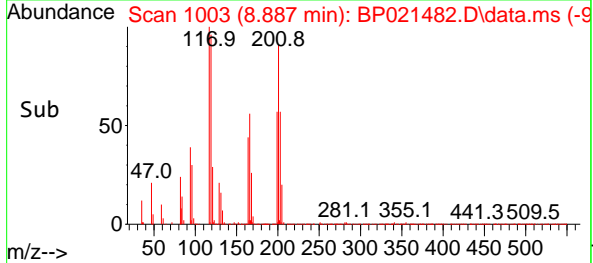
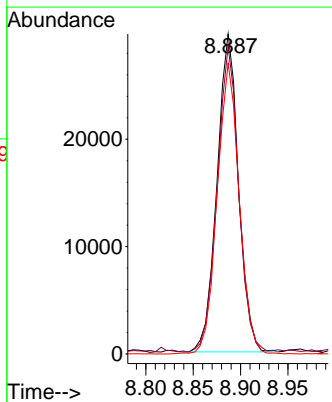
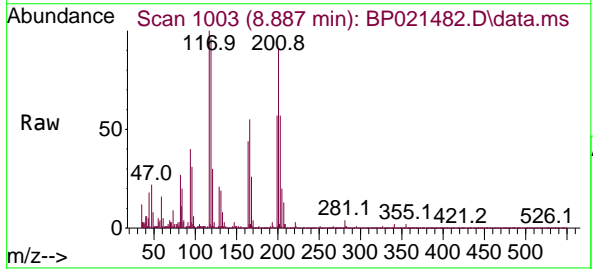
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

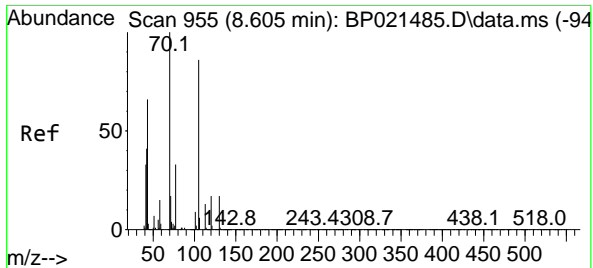


#18
 Hexachloroethane
 Concen: 5.002 ng
 RT: 8.887 min Scan# 1003
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Tgt Ion: 117 Resp: 46773

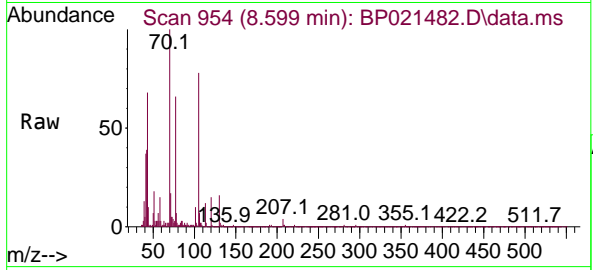
Ion	Ratio	Lower	Upper
117	100		
119	96.2	73.9	110.9
201	90.9	74.9	112.3





#19
 n-Nitroso-di-n-propylamine
 Concen: 5.291 ng
 RT: 8.599 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC005

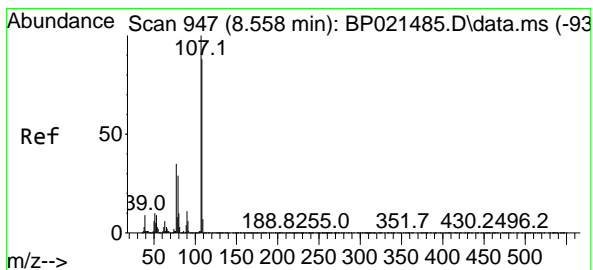
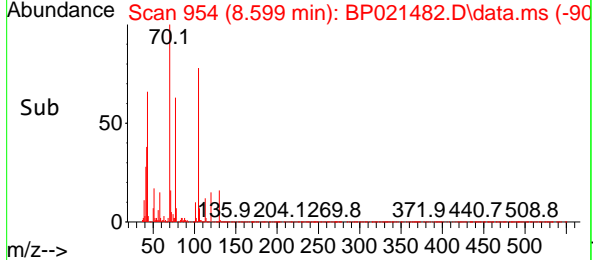
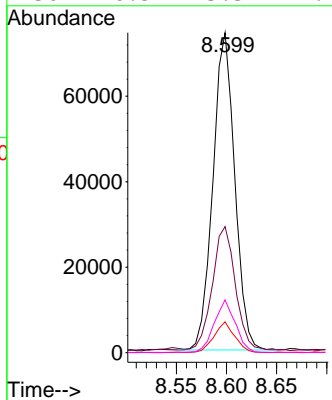


Tgt Ion: 70 Resp: 11215

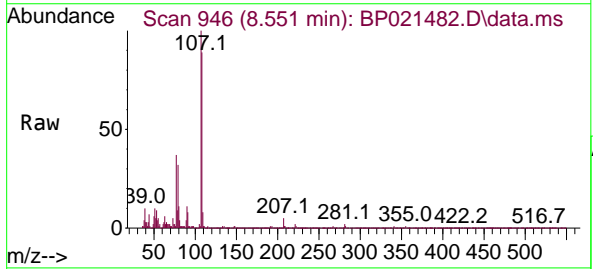
Ion	Ratio	Lower	Upper
70	100		
42	39.4	33.1	49.7
101	9.6	7.4	11.2
130	16.5	13.3	19.9

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

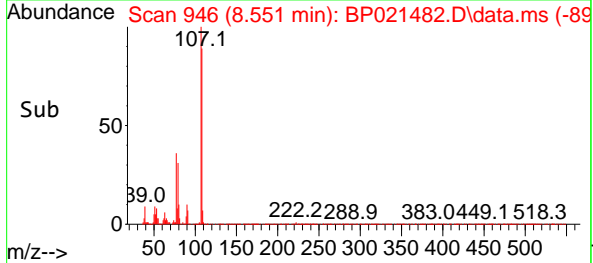
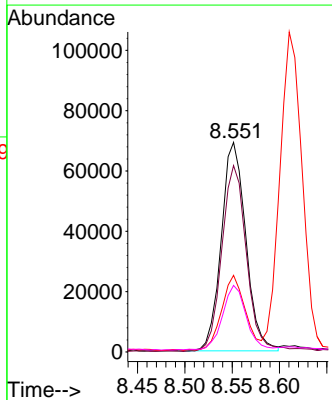


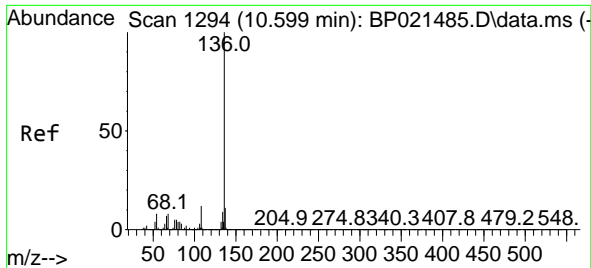
#20
 3+4-Methylphenols
 Concen: 4.597 ng
 RT: 8.551 min Scan# 946
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



Tgt Ion:107 Resp: 124528

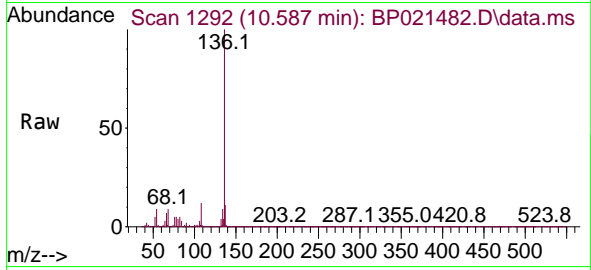
Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.6	107.6
77	36.6	15.0	55.0
79	31.8	8.9	48.9





#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.587 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC005

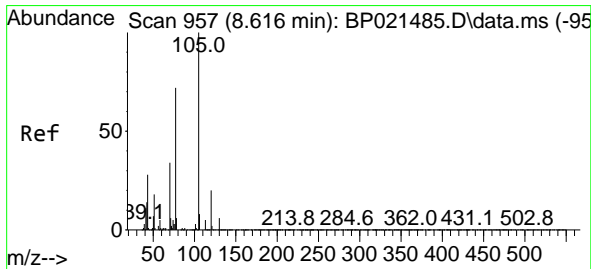
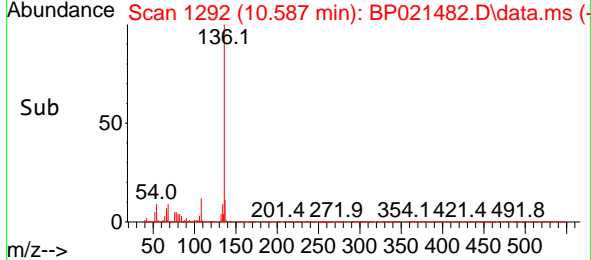
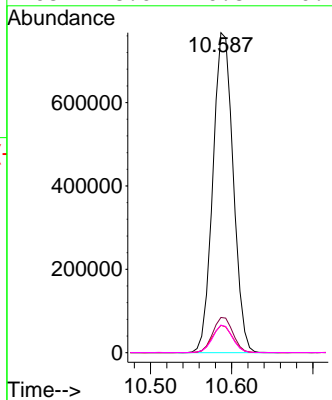


Tgt Ion: 136 Resp: 133470

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.6	6.3	9.5
68	8.6	6.8	10.2

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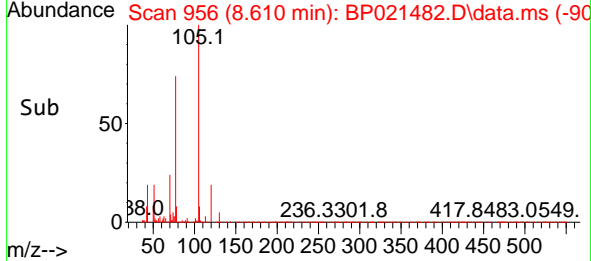
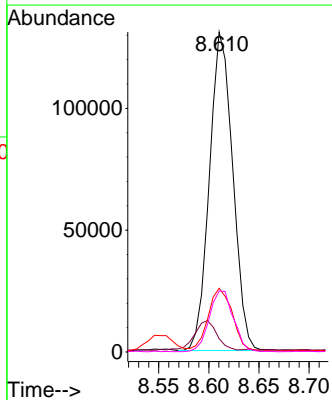
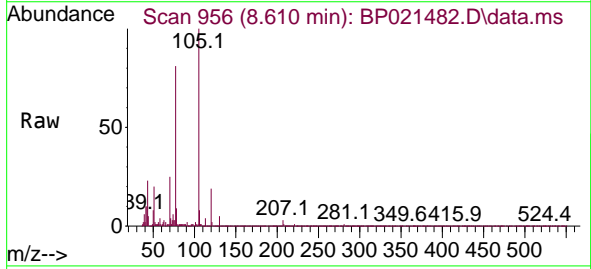
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

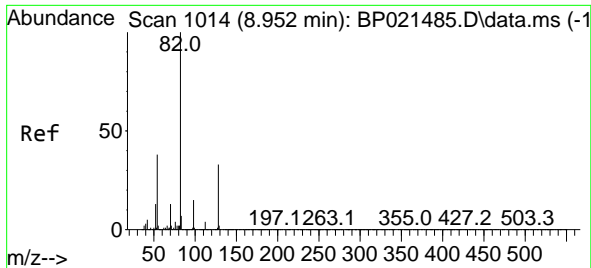


#22
 Acetophenone
 Concen: 5.173 ng
 RT: 8.610 min Scan# 956
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Tgt Ion: 105 Resp: 212108

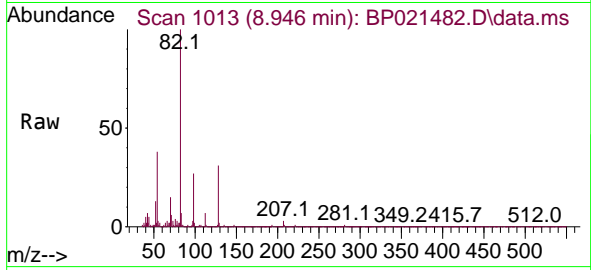
Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.6	7.0#
51	19.9	16.3	24.5
120	19.0	16.2	24.2





#23
 Nitrobenzene-d5
 Concen: 7.732 ng
 RT: 8.946 min Scan# 1013
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

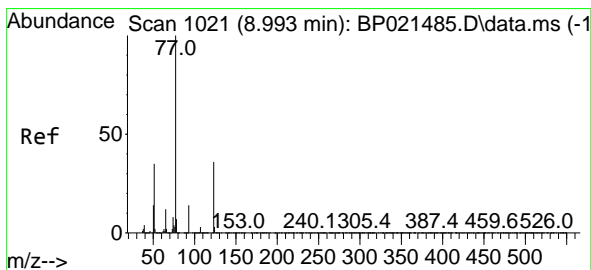
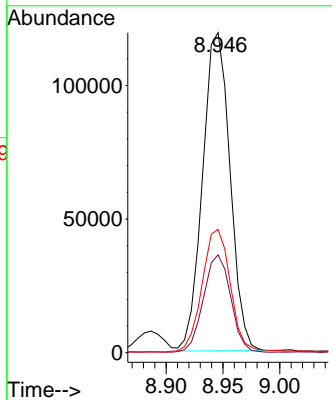
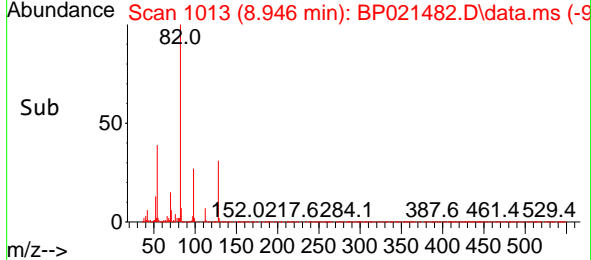
Instrument : BNA_P
 Client Sample Id : SSTDICC005



Tgt Ion: 82 Resp: 19994
 Ion Ratio Lower Upper
 82 100
 128 30.5 26.5 39.7
 54 38.5 30.3 45.5

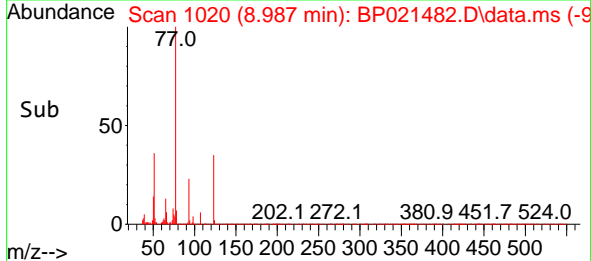
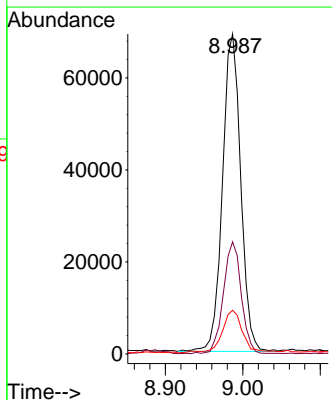
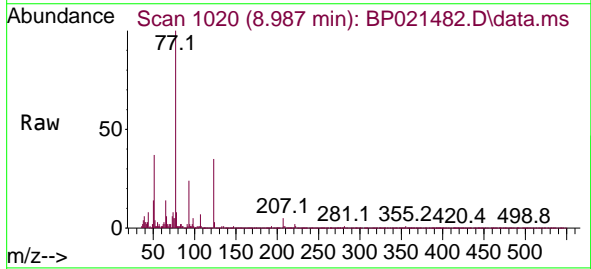
Manual Integrations
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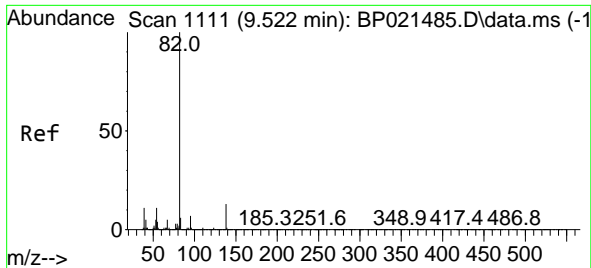
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#24
 Nitrobenzene
 Concen: 4.017 ng
 RT: 8.987 min Scan# 1020
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

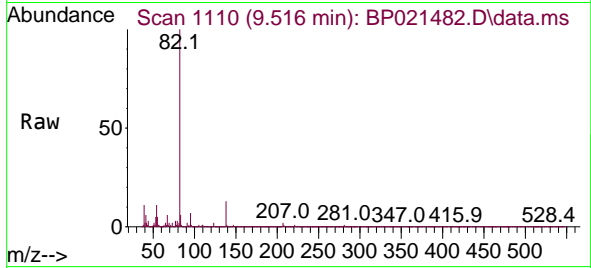
Tgt Ion: 77 Resp: 112817
 Ion Ratio Lower Upper
 77 100
 123 35.0 29.5 44.3
 65 13.6 9.9 14.9





#25
 Isophorone
 Concen: 5.171 ng
 RT: 9.516 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

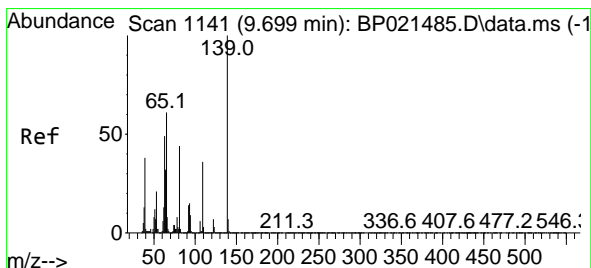
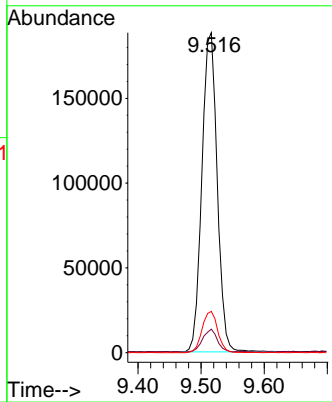
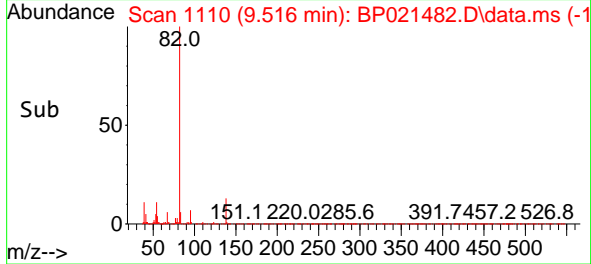
Instrument : BNA_P
 Client Sample Id : SSTDICC005



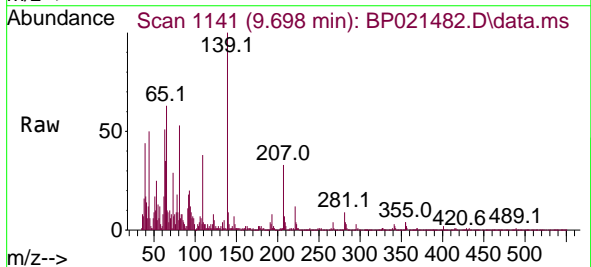
Tgt Ion: 82 Resp: 315900
 Ion Ratio Lower Upper
 82 100
 95 7.4 5.4 8.2
 138 12.9 10.6 16.0

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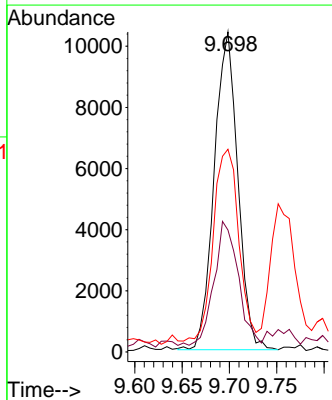
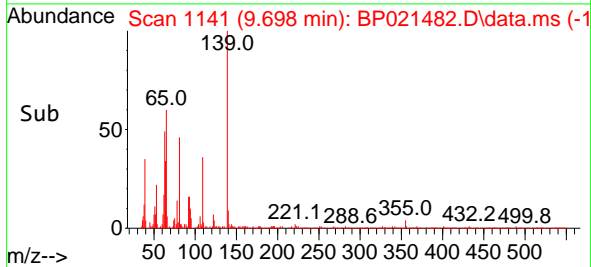
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

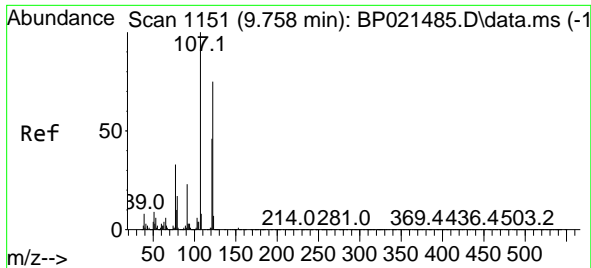


#26
 2-Nitrophenol
 Concen: 4.396 ng
 RT: 9.698 min Scan# 1141
 Delta R.T. -0.001 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



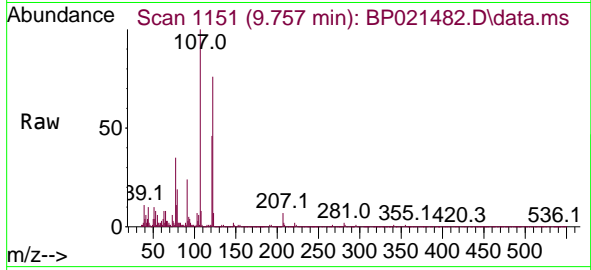
Tgt Ion:139 Resp: 18035
 Ion Ratio Lower Upper
 139 100
 109 38.1 28.9 43.3
 65 63.3 49.0 73.6





#27
 2,4-Dimethylphenol
 Concen: 4.826 ng
 RT: 9.757 min Scan# 1151
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

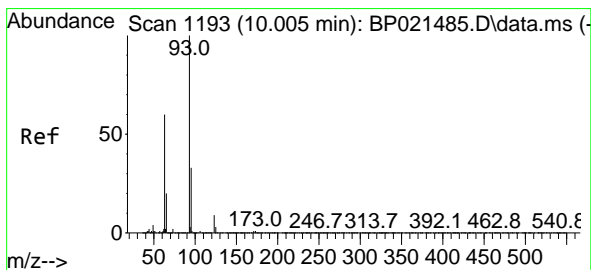
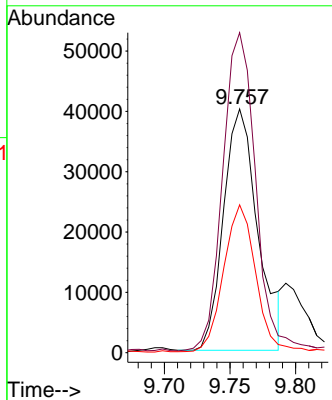
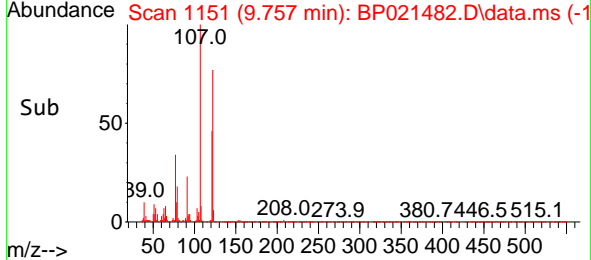
Instrument : BNA_P
 Client Sample Id : SSTDICC005



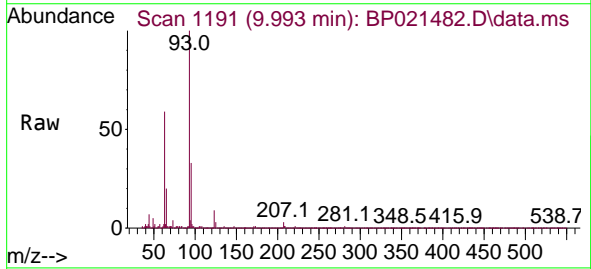
Tgt Ion: 122 Resp: 7276
 Ion Ratio Lower Upper
 122 100
 107 131.3 106.2 159.4
 121 60.7 48.8 73.2

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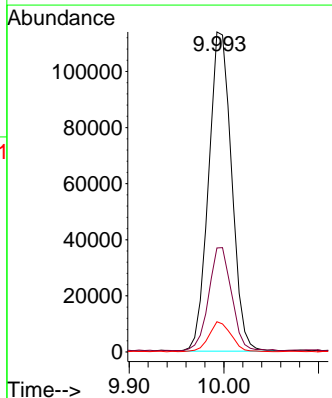
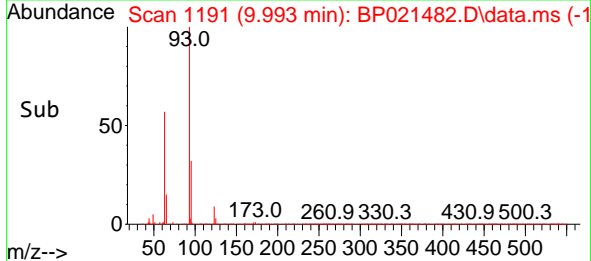
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

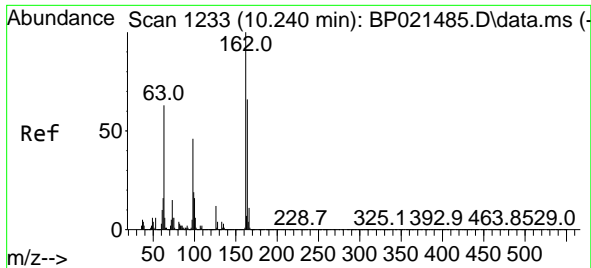


#28
 bis(2-Chloroethoxy)methane
 Concen: 5.167 ng
 RT: 9.993 min Scan# 1191
 Delta R.T. -0.012 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



Tgt Ion: 93 Resp: 192662
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.2 39.4
 123 9.5 7.6 11.4





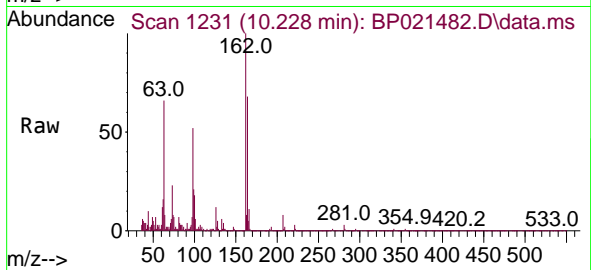
#29
 2,4-Dichlorophenol
 Concen: 4.228 ng
 RT: 10.228 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :

BNA_P

Client Sample Id :

SSTDICC005



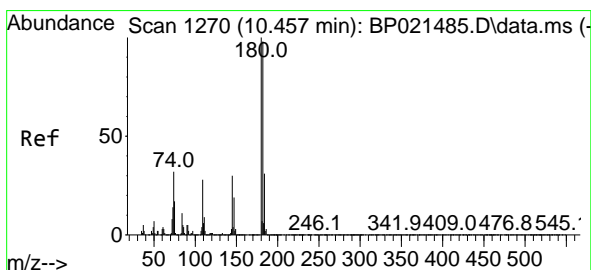
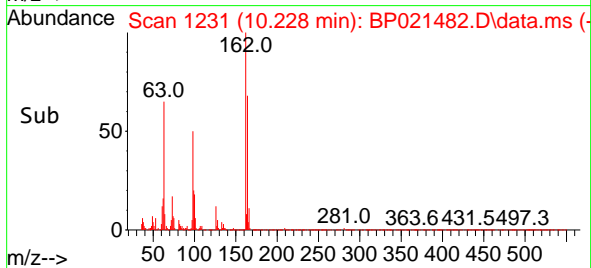
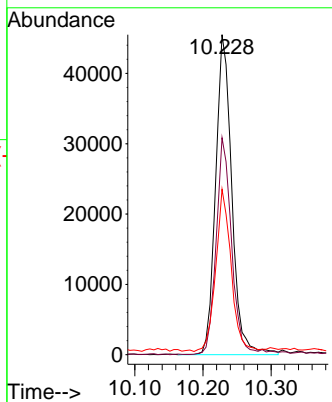
Tgt Ion: 162 Resp: 7531

Ion	Ratio	Lower	Upper
162	100		
164	67.8	45.9	85.9
98	51.7	26.3	66.3

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024

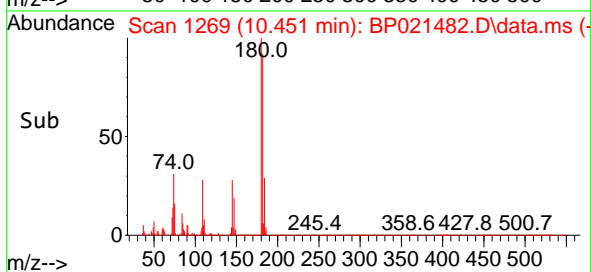
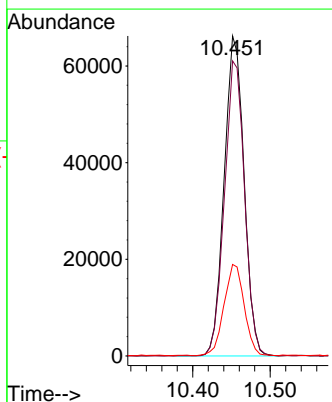
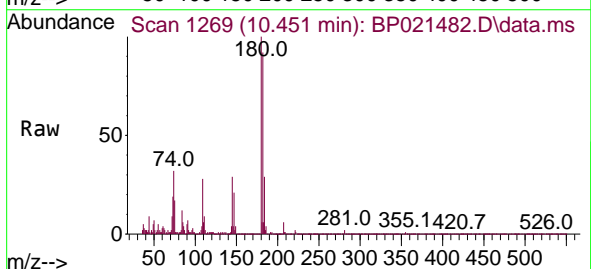
Supervised By :mohammad ahmed 08/14/2024

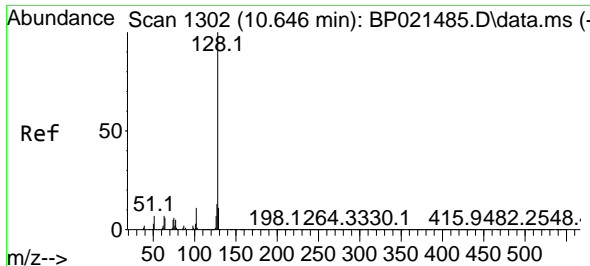


#30
 1,2,4-Trichlorobenzene
 Concen: 5.186 ng
 RT: 10.451 min Scan# 1269
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Tgt Ion: 180 Resp: 118446

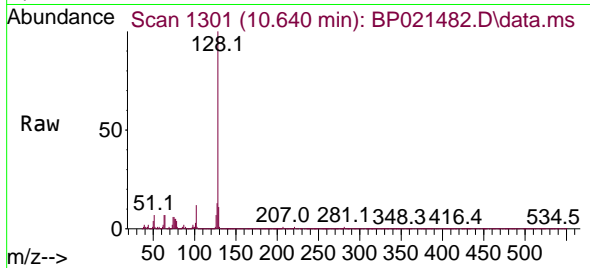
Ion	Ratio	Lower	Upper
180	100		
182	92.2	78.3	117.5
145	28.6	24.0	36.0





#31
 Naphthalene
 Concen: 5.189 ng
 RT: 10.640 min Scan# 1302
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

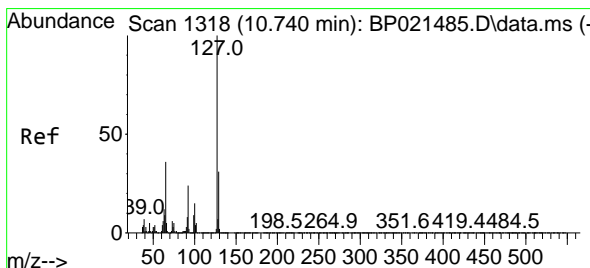
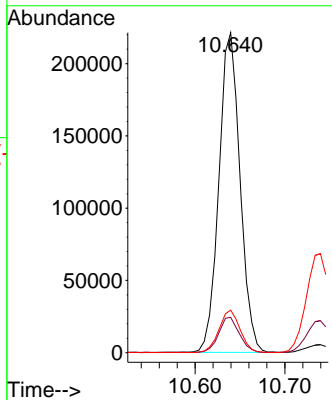
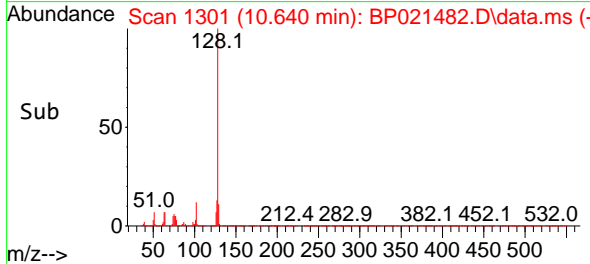
Instrument : BNA_P
 Client Sample Id : SSTDICC005



Tgt Ion: 128 Resp: 361804
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.6 12.8
 127 13.3 10.6 15.8

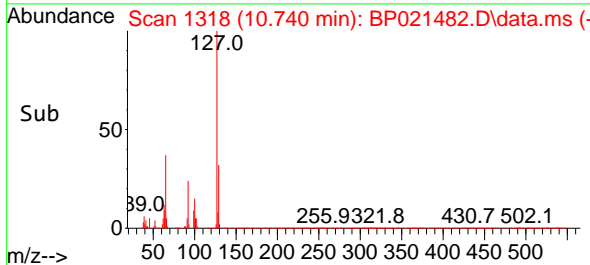
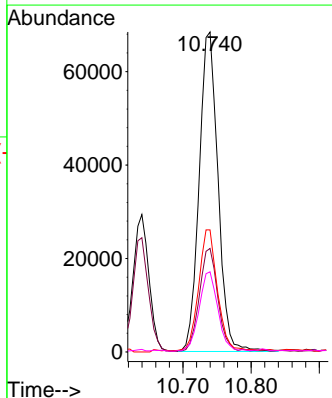
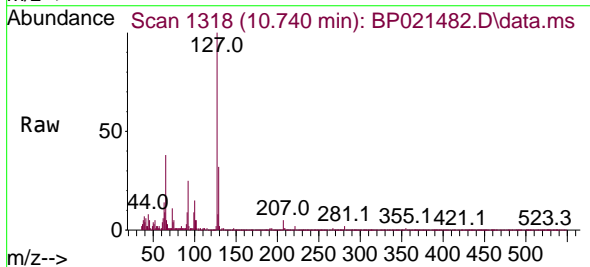
Manual Integrations
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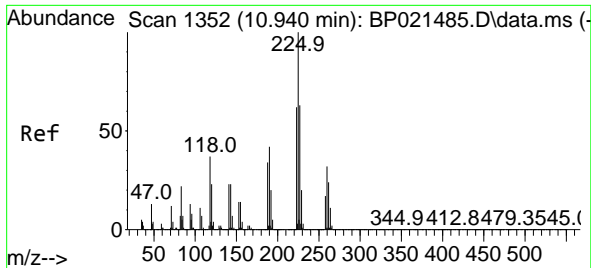
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#33
 4-Chloroaniline
 Concen: 5.015 ng
 RT: 10.740 min Scan# 1318
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Tgt Ion: 127 Resp: 131360
 Ion Ratio Lower Upper
 127 100
 129 32.3 24.5 36.7
 65 38.1 28.9 43.3
 92 25.1 19.3 28.9





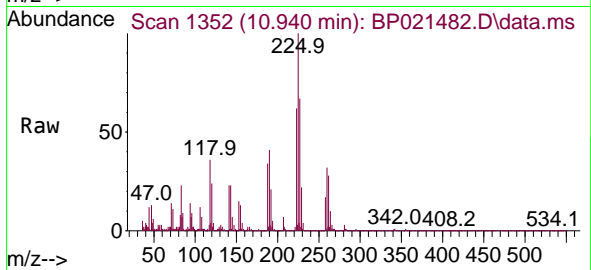
#34
 Hexachlorobutadiene
 Concen: 5.038 ng
 RT: 10.940 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :

BNA_P

ClientSampleId :

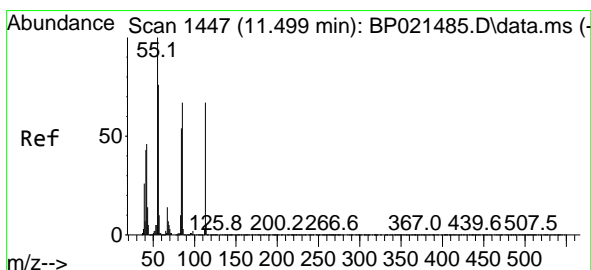
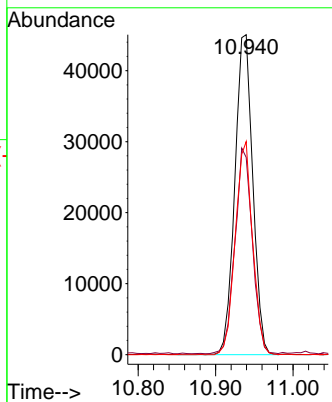
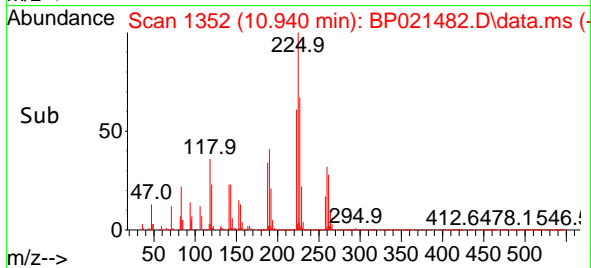
SSTDICC005



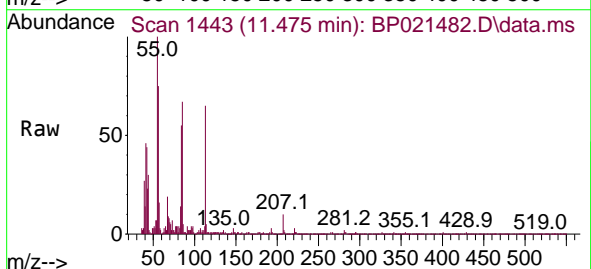
Tgt Ion:225 Resp: 72430
 Ion Ratio Lower Upper
 225 100
 223 61.7 49.6 74.4
 227 66.6 50.1 75.1

Manual Integrations
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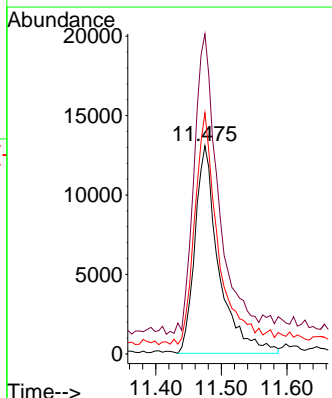
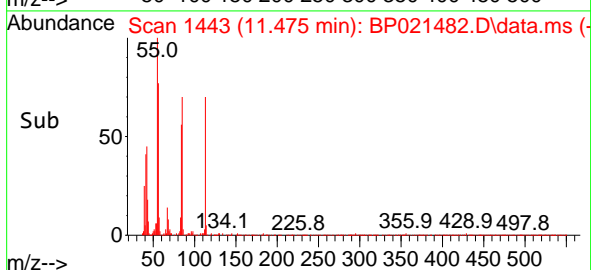
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

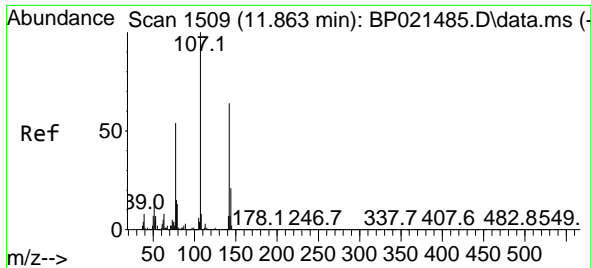


#35
 Caprolactam
 Concen: 4.463 ng
 RT: 11.475 min Scan# 1443
 Delta R.T. -0.024 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



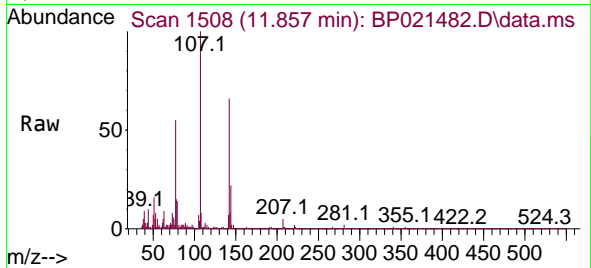
Tgt Ion:113 Resp: 33090
 Ion Ratio Lower Upper
 113 100
 55 153.8 130.6 170.6
 56 115.8 94.6 134.6





#36
 4-Chloro-3-methylphenol
 Concen: 4.481 ng
 RT: 11.857 min Scan# 110730
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

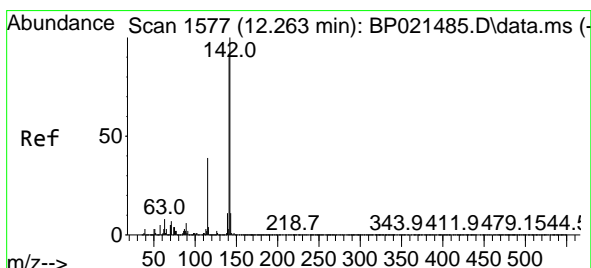
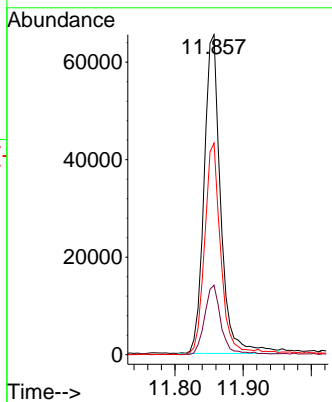
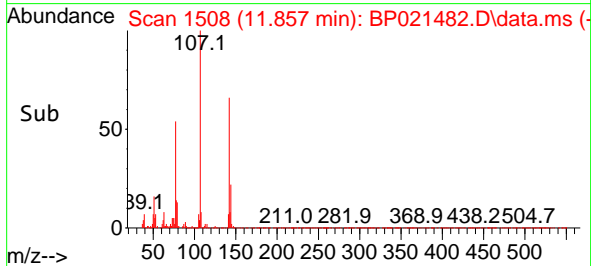
Instrument : BNA_P
 Client Sample Id : SSTDIC005



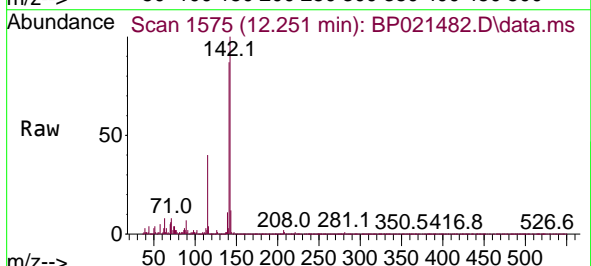
Tgt Ion: 107 Resp: 110730
 Ion Ratio Lower Upper
 107 100
 144 21.7 16.6 24.8
 142 66.1 51.0 76.4

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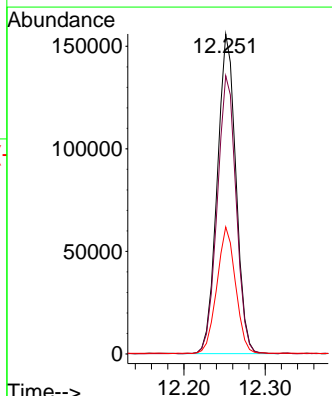
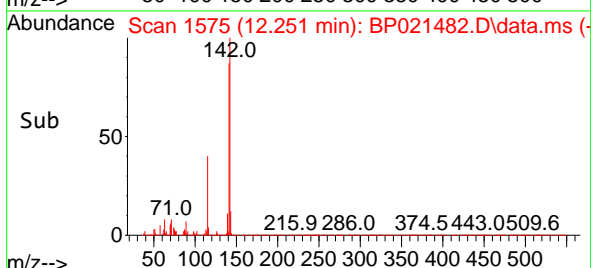
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

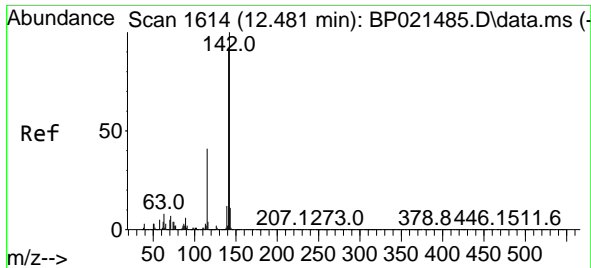


#37
 2-Methylnaphthalene
 Concen: 5.238 ng
 RT: 12.251 min Scan# 1575
 Delta R.T. -0.012 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



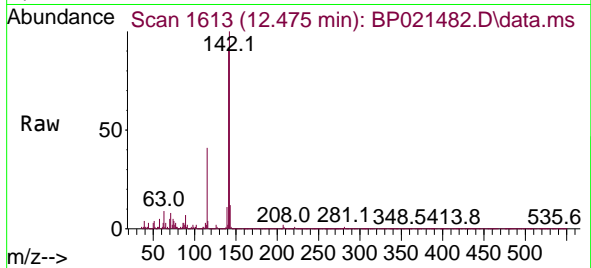
Tgt Ion: 142 Resp: 249268
 Ion Ratio Lower Upper
 142 100
 141 87.0 71.7 107.5
 115 39.7 31.4 47.2





#38
 1-Methylnaphthalene
 Concen: 5.276 ng
 RT: 12.475 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

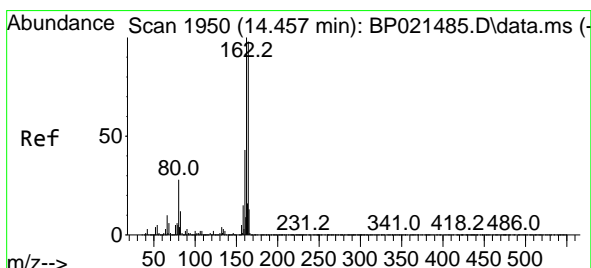
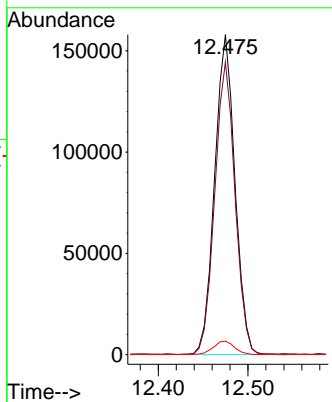
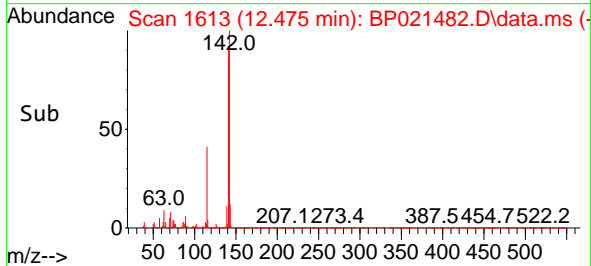
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005



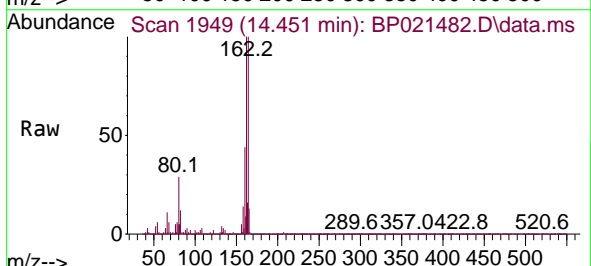
Tgt Ion:142 Resp: 24761
 Ion Ratio Lower Upper
 142 100
 141 91.5 73.5 110.3
 116 4.2 3.4 5.2

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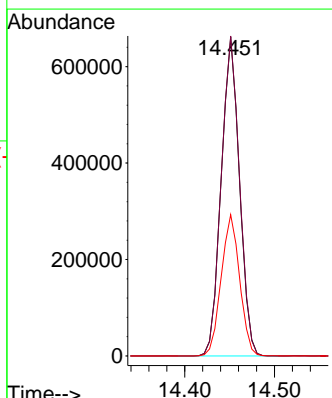
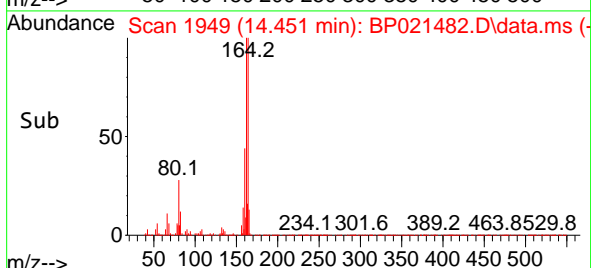
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

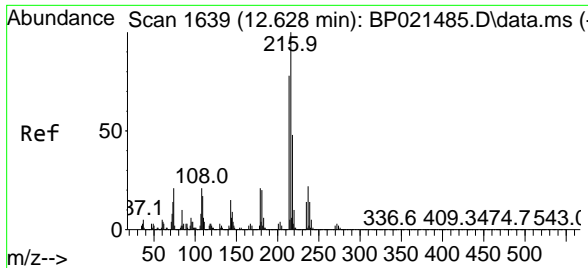


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.451 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



Tgt Ion:164 Resp: 933864
 Ion Ratio Lower Upper
 164 100
 162 100.3 81.5 122.3
 160 44.3 35.2 52.8





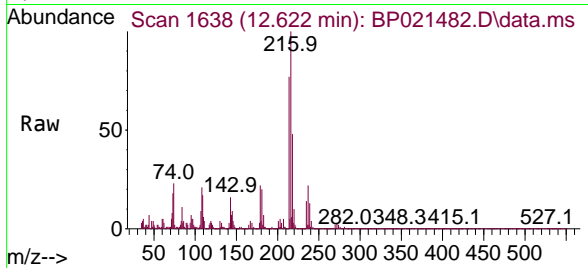
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.894 ng
 RT: 12.622 min Scan# 1638
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :

BNA_P

Client Sample Id :

SSTDICC005



Tgt Ion: 216 Resp: 133910

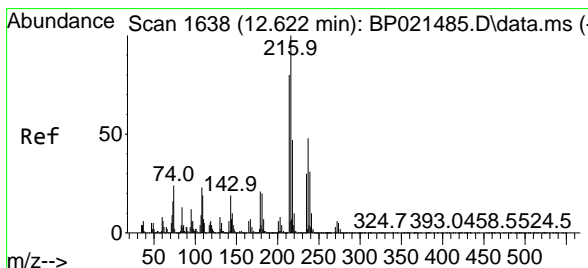
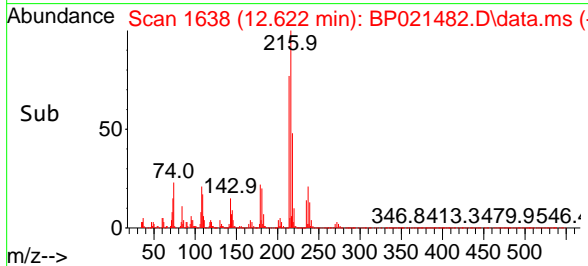
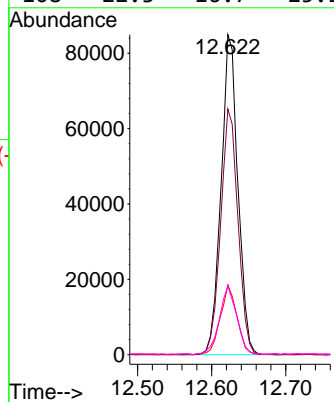
Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.5	93.7
179	21.4	16.4	24.6
108	22.3	16.7	25.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/14/2024

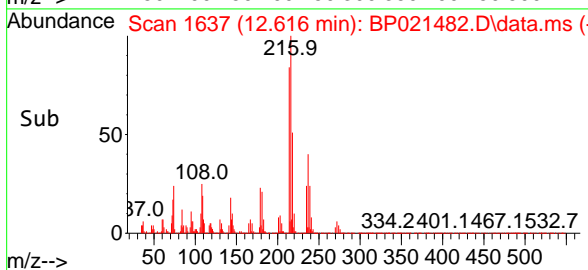
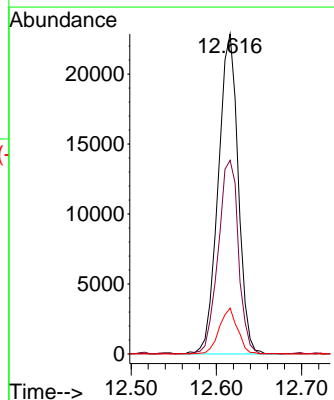
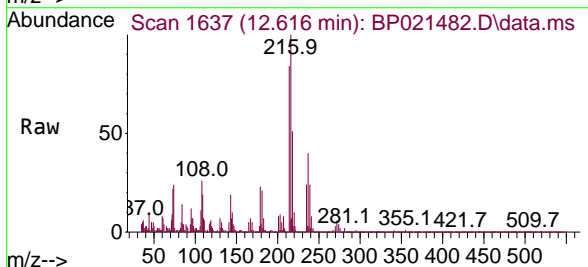
Supervised By :mohammad ahmed 08/14/2024

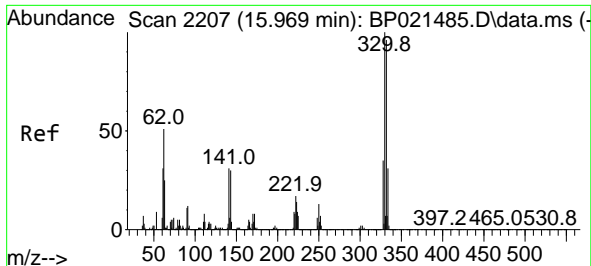


#41
 Hexachlorocyclopentadiene
 Concen: 4.288 ng
 RT: 12.616 min Scan# 1637
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Tgt Ion: 237 Resp: 37190

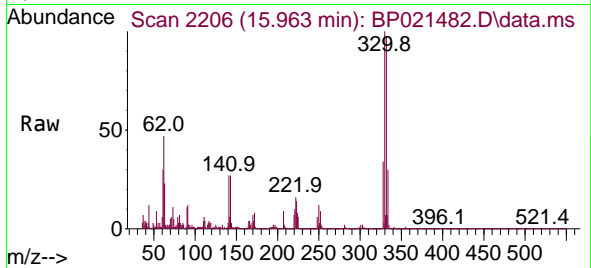
Ion	Ratio	Lower	Upper
237	100		
235	60.5	43.9	83.9
272	14.3	0.0	33.3





#42
 2,4,6-Tribromophenol
 Concen: 8.063 ng
 RT: 15.963 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

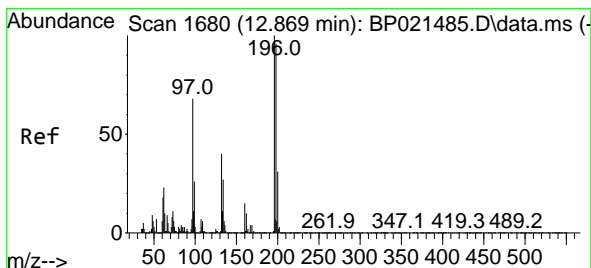
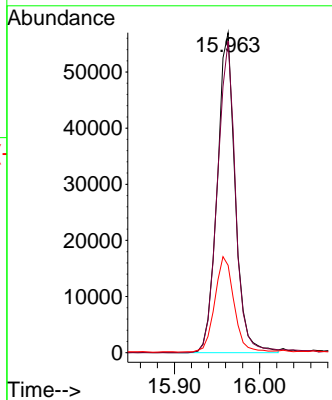
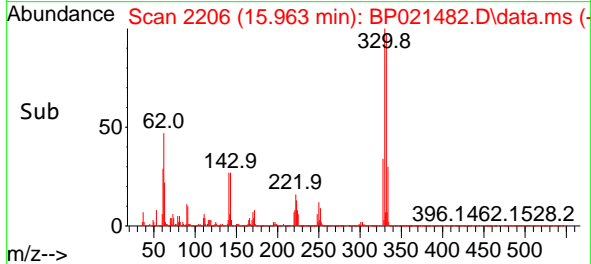
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005



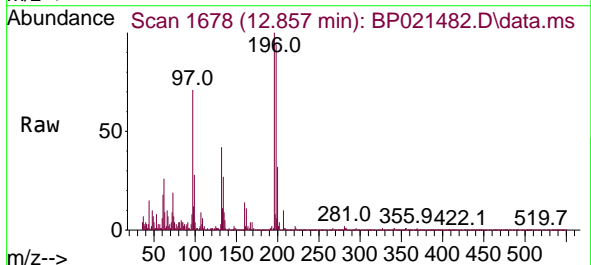
Tgt Ion:330 Resp: 83800
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.4 116.0
 141 31.6 24.5 36.7

Manual Integrations
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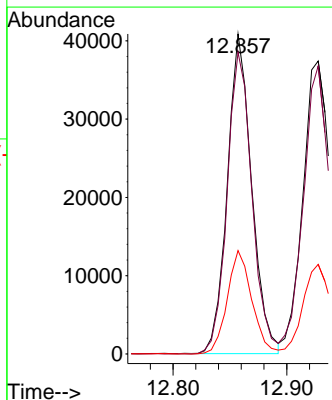
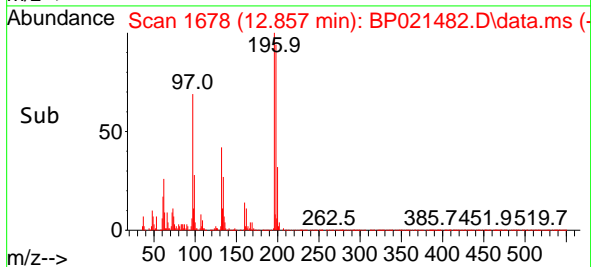
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

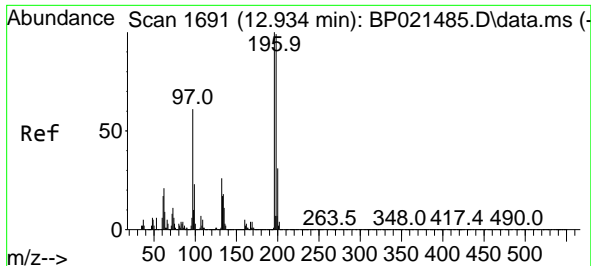


#43
 2,4,6-Trichlorophenol
 Concen: 4.003 ng
 RT: 12.857 min Scan# 1678
 Delta R.T. -0.012 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



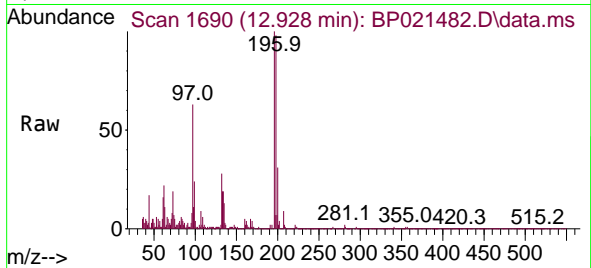
Tgt Ion:196 Resp: 60845
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.6 114.8
 200 32.3 24.5 36.7





#44
 2,4,5-Trichlorophenol
 Concen: 3.926 ng
 RT: 12.928 min Scan# 1690
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument : BNA_P
 Client Sample Id : SSTDICC005

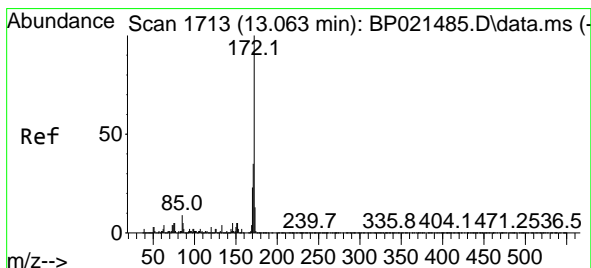
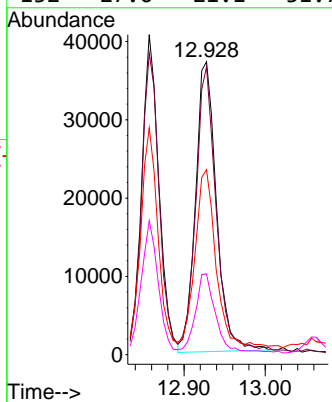
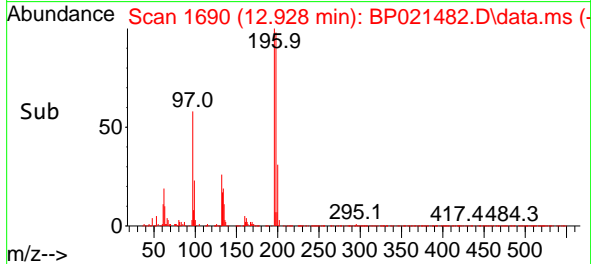


Tgt Ion: 196 Resp: 66300

Ion	Ratio	Lower	Upper
196	100		
198	98.3	78.9	118.3
97	63.1	49.4	74.0
132	27.6	21.1	31.7

Manual Integrations
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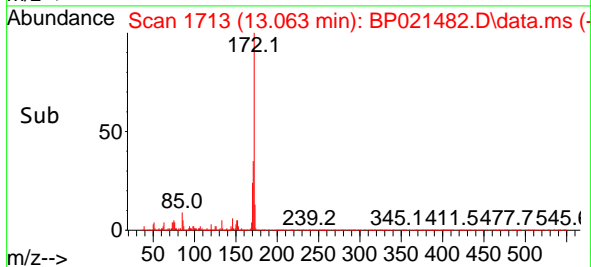
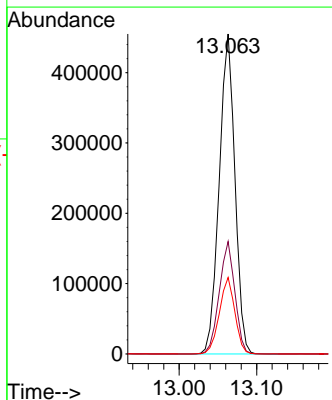
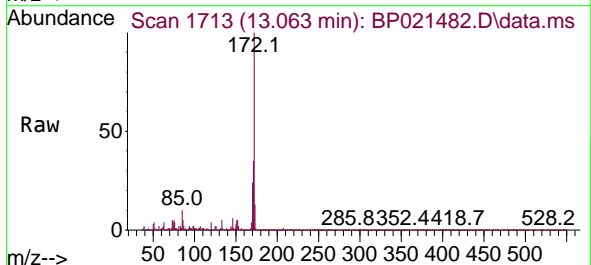
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

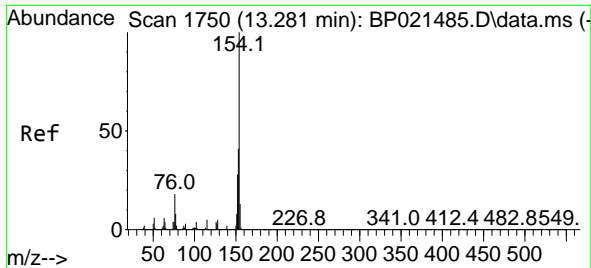


#45
 2-Fluorobiphenyl
 Concen: 10.464 ng
 RT: 13.063 min Scan# 1713
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Tgt Ion: 172 Resp: 640316

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	23.9	18.4	27.6





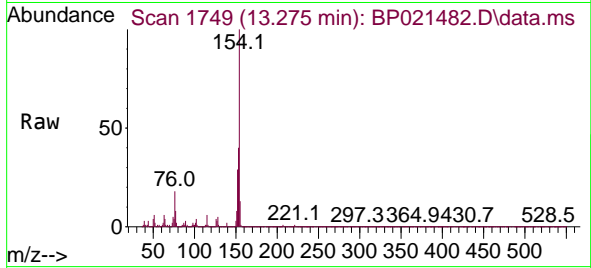
#46
 1,1'-Biphenyl
 Concen: 5.168 ng
 RT: 13.275 min Scan# 1750
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :

BNA_P

Client Sample Id :

SSTDIC005



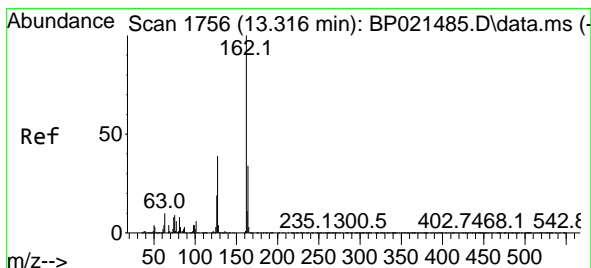
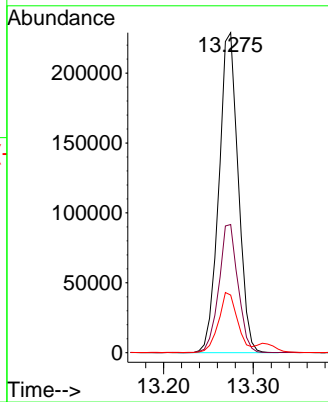
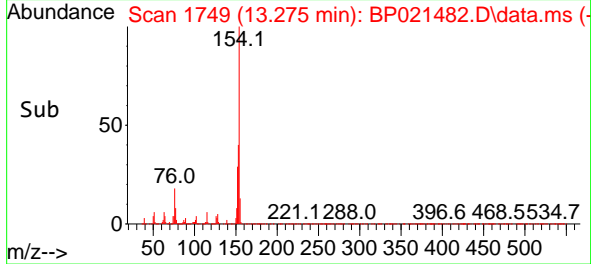
Tgt Ion:154 Resp: 341430
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.7 60.7
 76 18.0 0.0 37.7

Manual Integrations

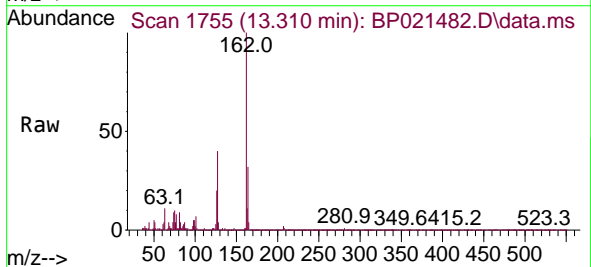
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

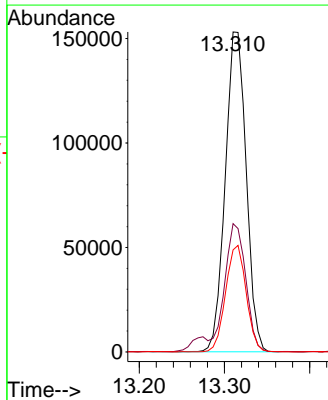
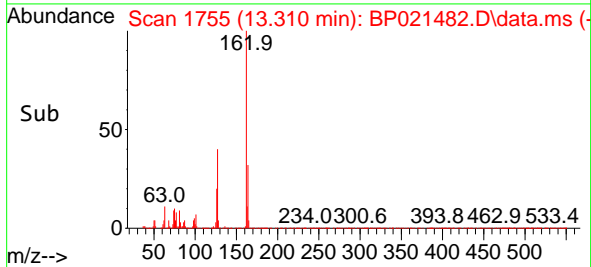
Supervised By :mohammad ahmed 08/14/2024

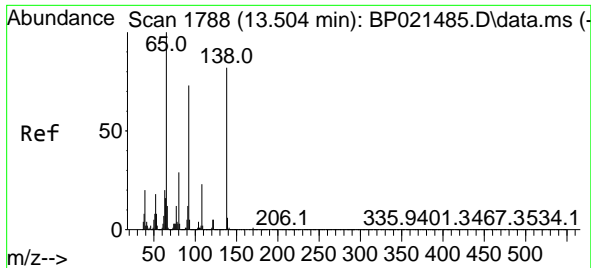


#47
 2-Chloronaphthalene
 Concen: 5.089 ng
 RT: 13.310 min Scan# 1755
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



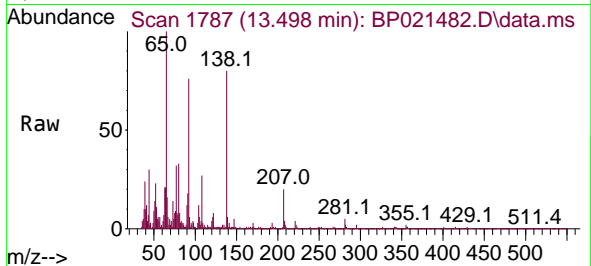
Tgt Ion:162 Resp: 261761
 Ion Ratio Lower Upper
 162 100
 127 40.1 31.9 47.9
 164 31.9 26.8 40.2





#48
 2-Nitroaniline
 Concen: 7.264 ng
 RT: 13.498 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

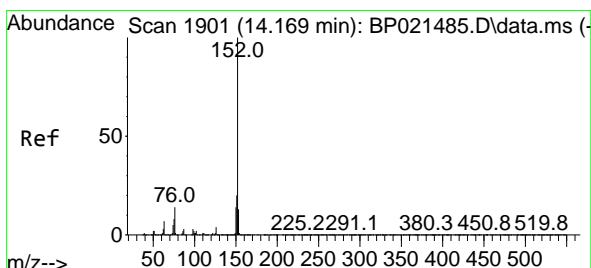
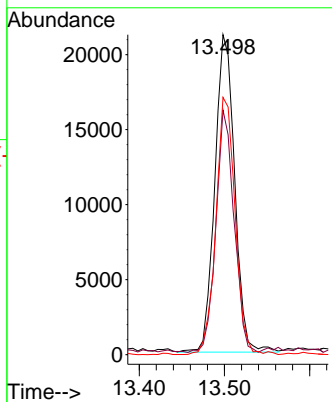
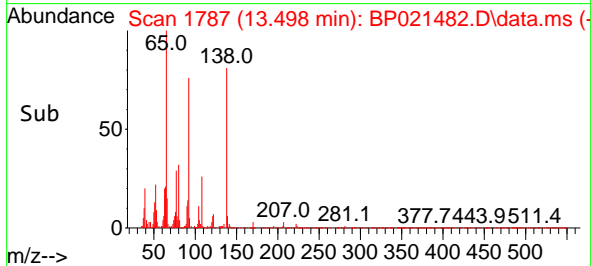


Tgt Ion: 65 Resp: 34180

Ion	Ratio	Lower	Upper
65	100		
92	76.5	58.1	87.1
138	80.4	65.5	98.3

Manual Integrations
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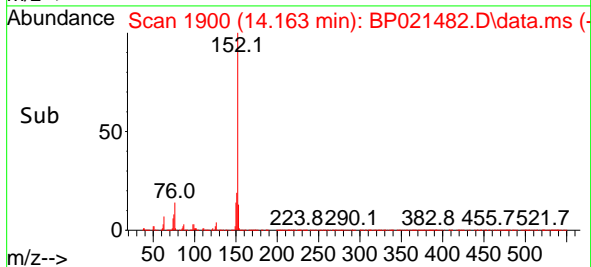
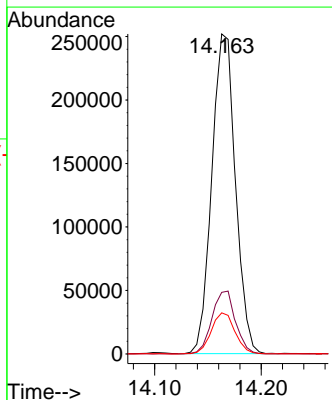
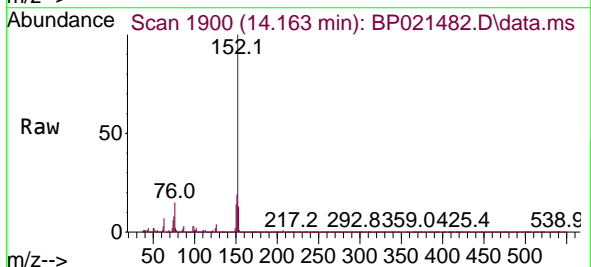
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

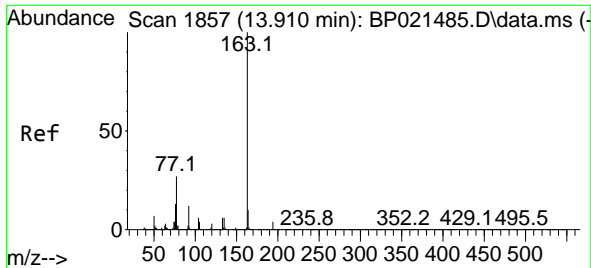


#49
 Acenaphthylene
 Concen: 5.126 ng
 RT: 14.163 min Scan# 1900
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Tgt Ion:152 Resp: 387614

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.9	23.9
153	12.9	10.6	16.0





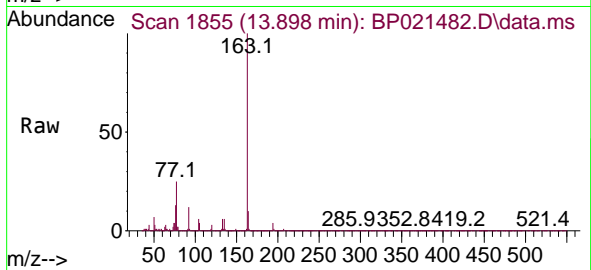
#50
 Dimethylphthalate
 Concen: 5.178 ng
 RT: 13.898 min Scan# 1855
 Delta R.T. -0.012 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :

BNA_P

Client Sample Id :

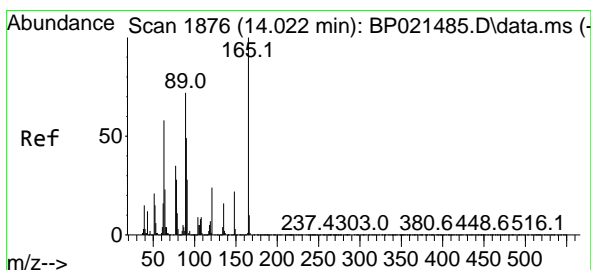
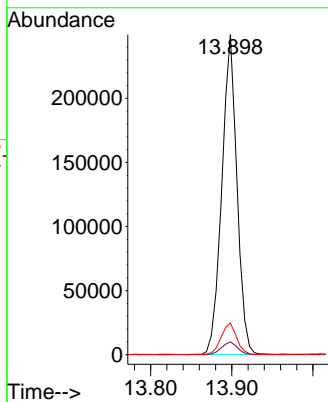
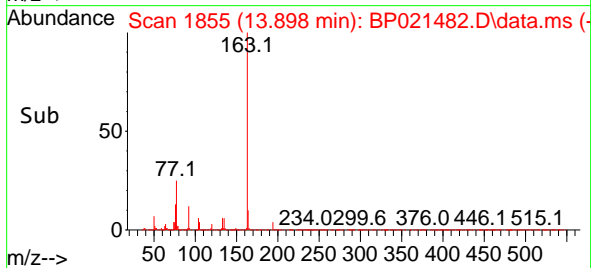
SSTDIC005



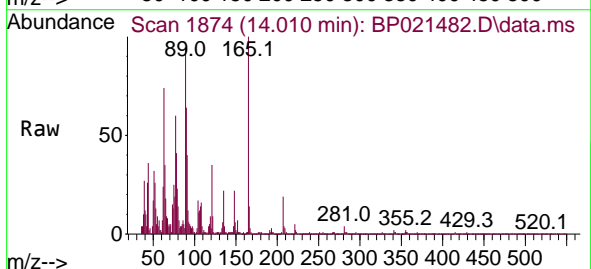
Tgt Ion:163 Resp: 32380
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.3 4.9
 164 9.9 8.3 12.5

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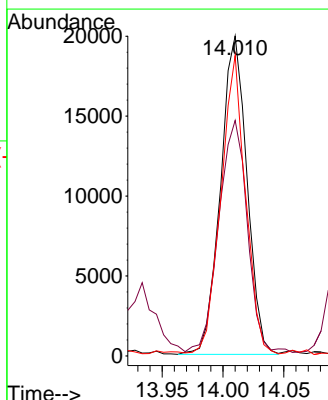
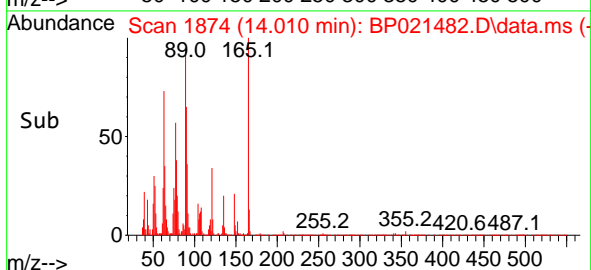
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

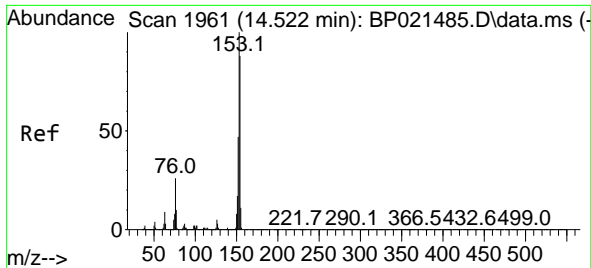


#51
 2,6-Dinitrotoluene
 Concen: 6.169 ng
 RT: 14.010 min Scan# 1874
 Delta R.T. -0.012 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



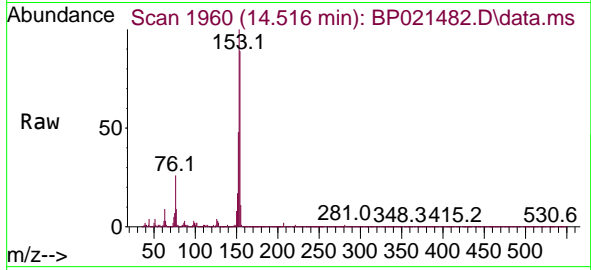
Tgt Ion:165 Resp: 30050
 Ion Ratio Lower Upper
 165 100
 63 73.6 51.5 77.3
 89 93.9 57.8 86.8#





#52
 Acenaphthene
 Concen: 5.150 ng
 RT: 14.516 min Scan# 1960
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument : BNA_P
 Client Sample Id : SSTDICC005

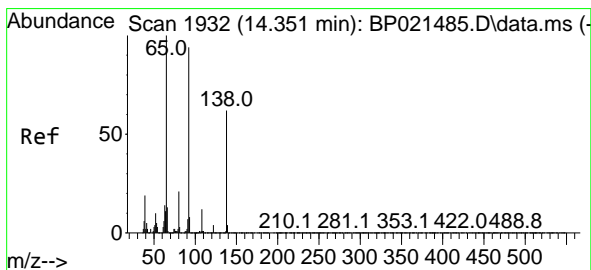
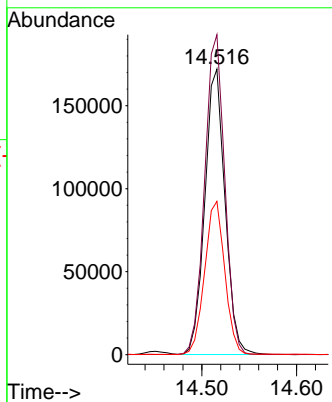
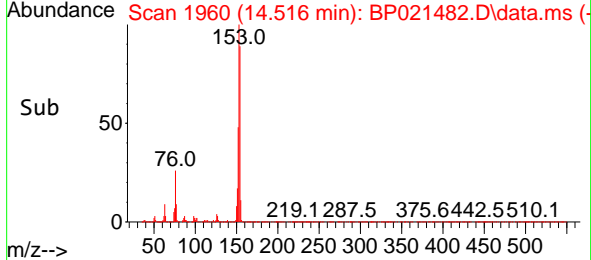


Tgt Ion: 154 Resp: 255510

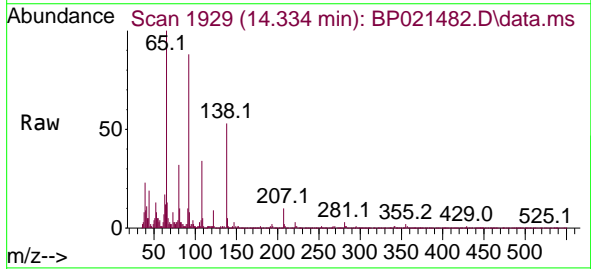
Ion	Ratio	Lower	Upper
154	100		
153	112.0	91.1	136.7
152	53.7	43.0	64.4

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Reviewed By : Yogesh Patel 08/14/2024
 Supervised By : mohammad ahmed 08/14/2024

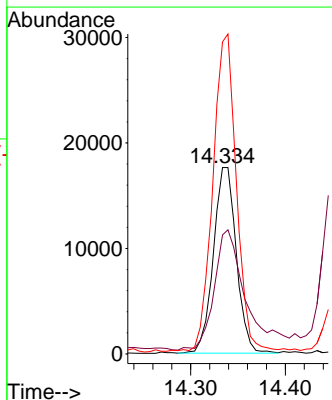
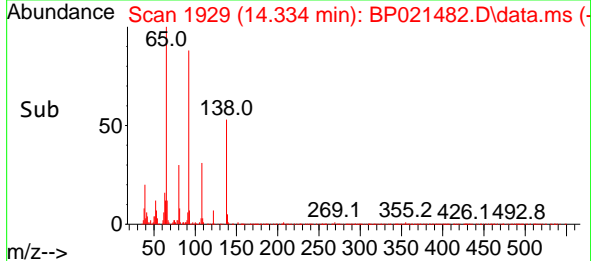


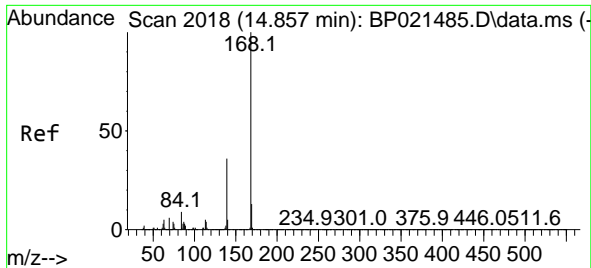
#53
 3-Nitroaniline
 Concen: 6.160 ng
 RT: 14.334 min Scan# 1929
 Delta R.T. -0.017 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



Tgt Ion: 138 Resp: 29621

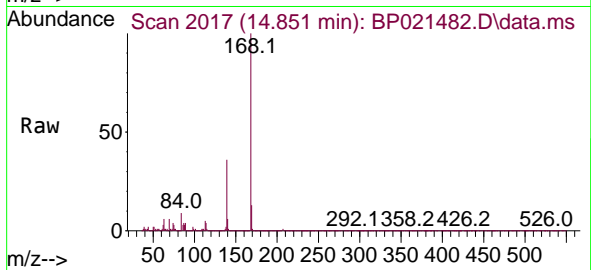
Ion	Ratio	Lower	Upper
138	100		
108	63.9	16.2	24.4
92	167.4	122.2	183.4





#55
 Dibenzofuran
 Concen: 5.307 ng
 RT: 14.851 min Scan# 2017
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

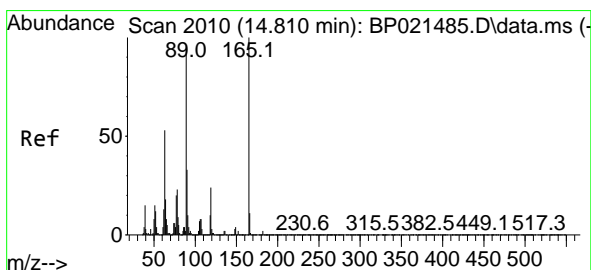
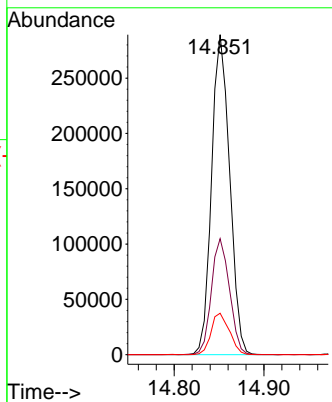
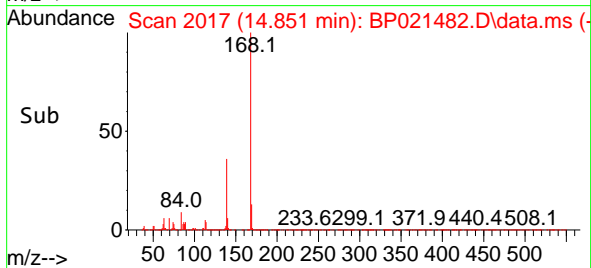
Instrument : BNA_P
 Client Sample Id : SSTDICC005



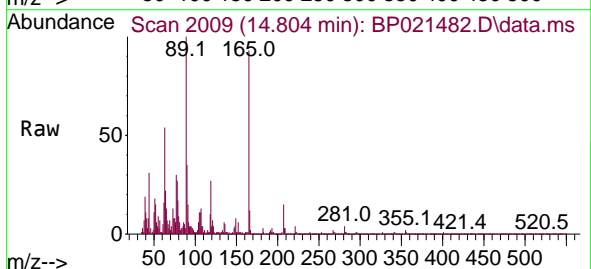
Tgt Ion: 168 Resp: 40502
 Ion Ratio Lower Upper
 168 100
 139 36.3 28.6 43.0
 169 12.9 10.6 16.0

Manual Integrations
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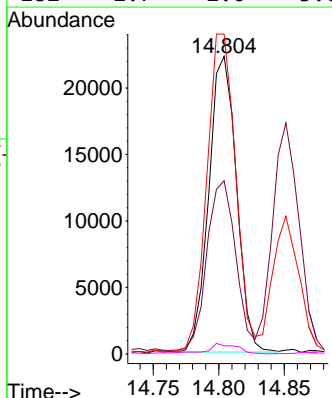
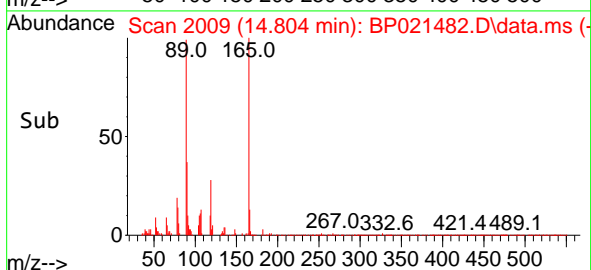
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

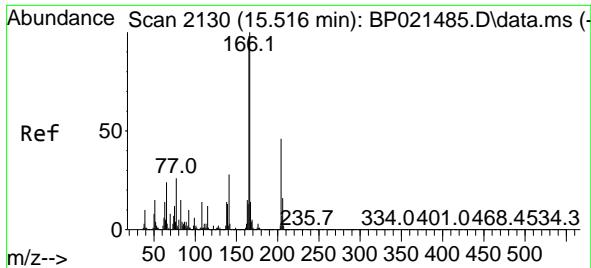


#57
 2,4-Dinitrotoluene
 Concen: 6.843 ng
 RT: 14.804 min Scan# 2009
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



Tgt Ion: 165 Resp: 32636
 Ion Ratio Lower Upper
 165 100
 63 58.2 42.5 63.7
 89 107.5 77.1 115.7
 182 2.7 2.0 3.0





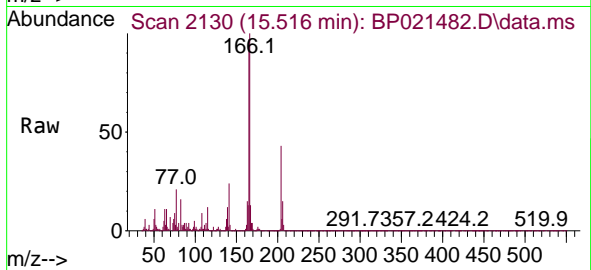
#58
 Fluorene
 Concen: 5.326 ng
 RT: 15.516 min Scan# 2130
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :

BNA_P

Client Sample Id :

SSTDIC005



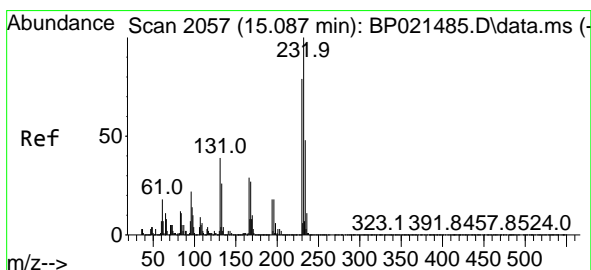
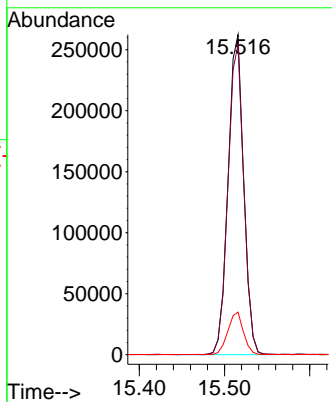
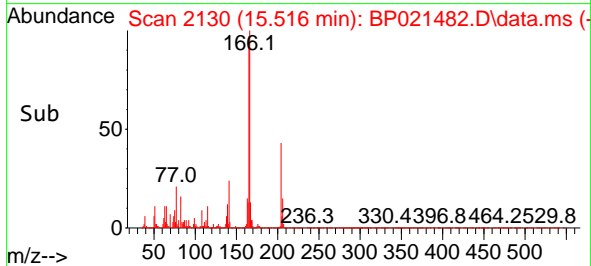
Tgt Ion:166 Resp: 333974
 Ion Ratio Lower Upper
 166 100
 165 96.9 78.1 117.1
 167 13.3 11.0 16.4

Manual Integrations

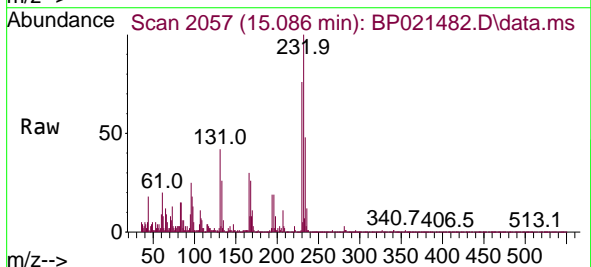
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

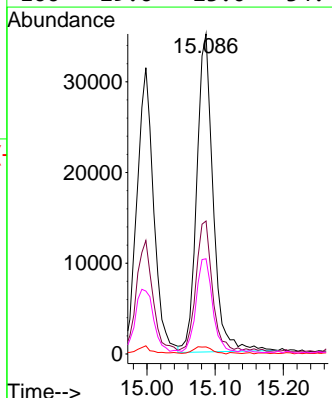
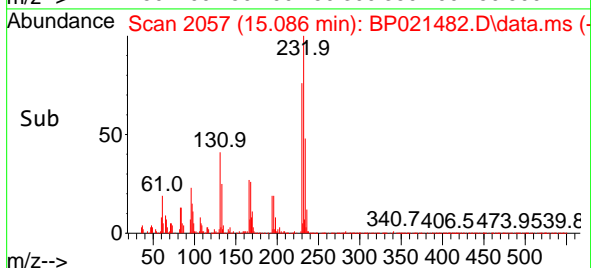
Supervised By :mohammad ahmed 08/14/2024

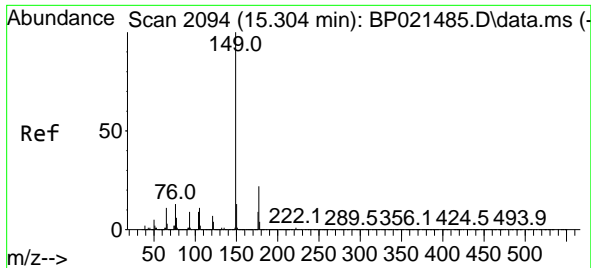


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.076 ng
 RT: 15.086 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



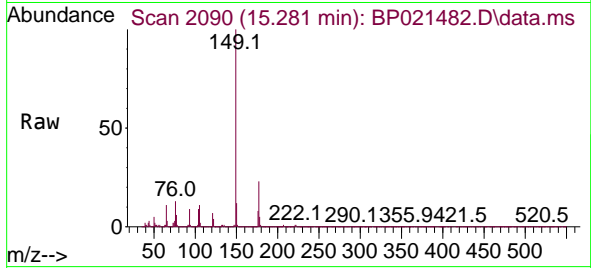
Tgt Ion:232 Resp: 58426
 Ion Ratio Lower Upper
 232 100
 131 40.4 33.1 49.7
 130 2.7 1.7 2.5#
 166 29.6 23.0 34.4





#60
 Diethylphthalate
 Concen: 5.113 ng
 RT: 15.281 min Scan# 2090
 Delta R.T. -0.024 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

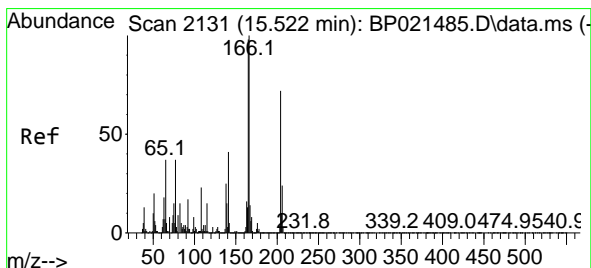
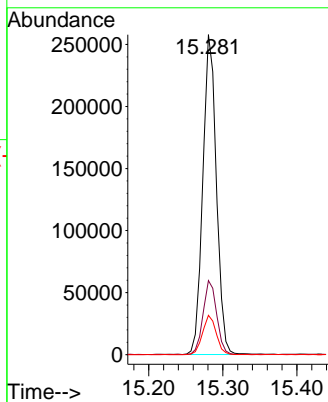
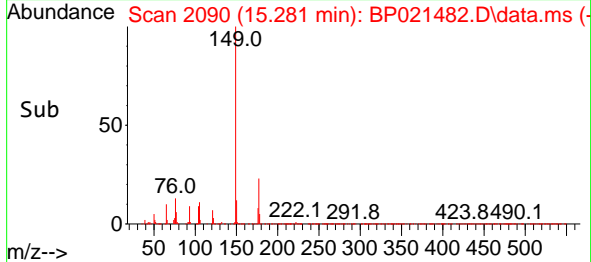
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC005



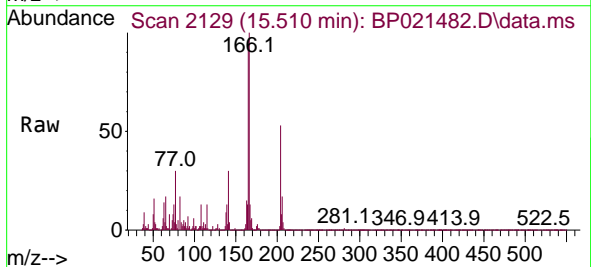
Tgt Ion:149 Resp: 328110
 Ion Ratio Lower Upper
 149 100
 177 23.2 17.8 26.8
 150 12.3 10.1 15.1

Manual Integrations
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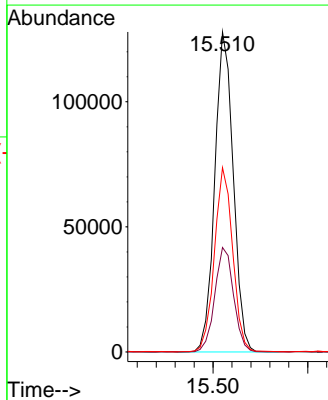
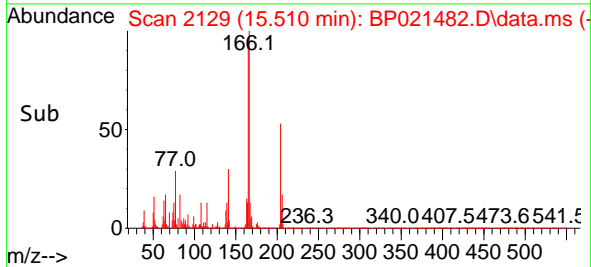
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

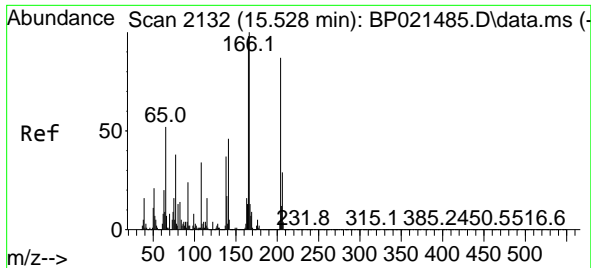


#61
 4-Chlorophenyl-phenylether
 Concen: 5.340 ng
 RT: 15.510 min Scan# 2129
 Delta R.T. -0.012 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



Tgt Ion:204 Resp: 173085
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.4 39.6
 141 57.6 46.1 69.1





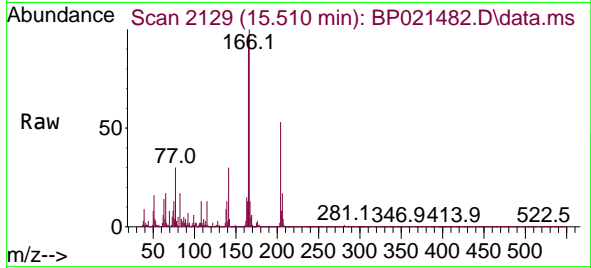
#62
 4-Nitroaniline
 Concen: 5.481 ng
 RT: 15.510 min Scan# 2129
 Delta R.T. -0.018 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :

BNA_P

Client Sample Id :

SSTDIC005

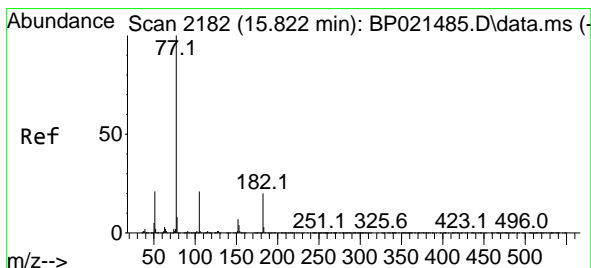
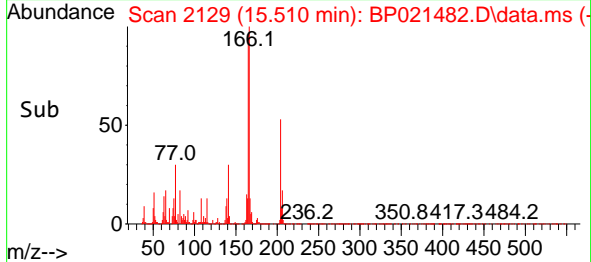
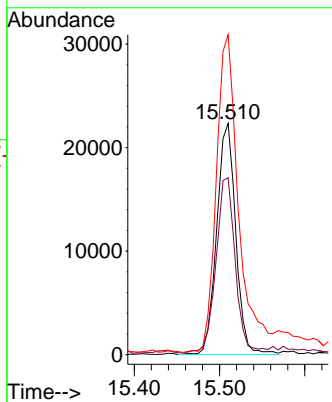


Tgt Ion: 138 Resp: 34574

Ion	Ratio	Lower	Upper
138	100		
92	76.5	46.4	86.4
108	138.4	73.2	113.2

Manual Integrations
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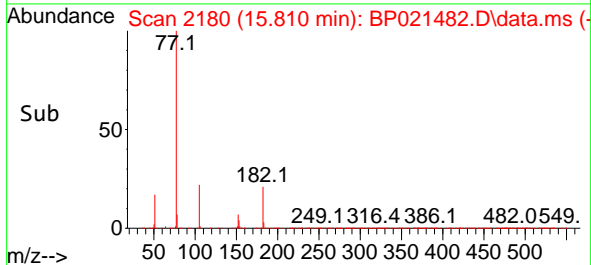
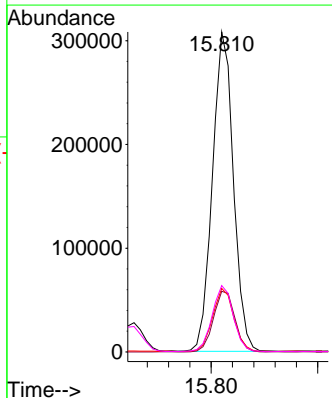
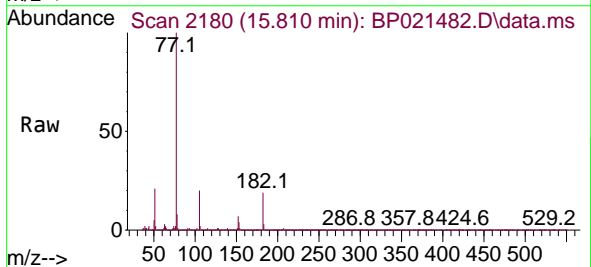
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

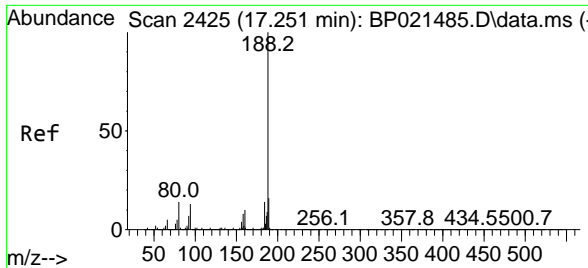


#63
 Azobenzene
 Concen: 5.318 ng
 RT: 15.810 min Scan# 2180
 Delta R.T. -0.012 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Tgt Ion: 77 Resp: 419466

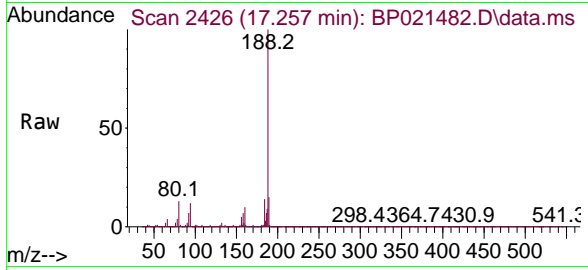
Ion	Ratio	Lower	Upper
77	100		
182	19.0	0.0	39.9
105	19.8	0.9	40.9
51	20.8	1.4	41.4





#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.257 min Scan# 2425
 Delta R.T. 0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument : BNA_P
 Client Sample Id : SSTDICC005

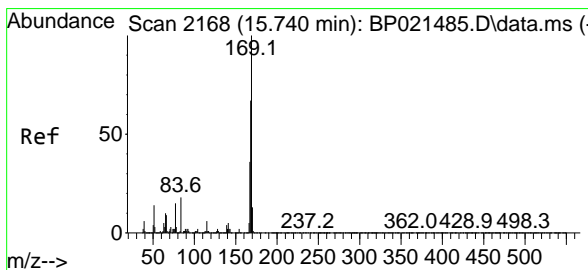
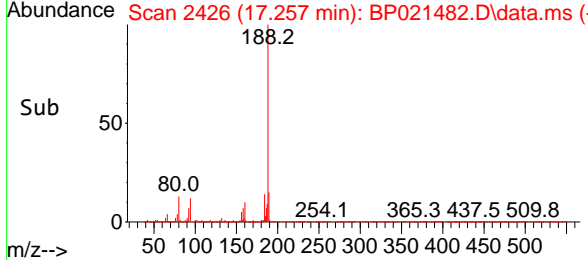
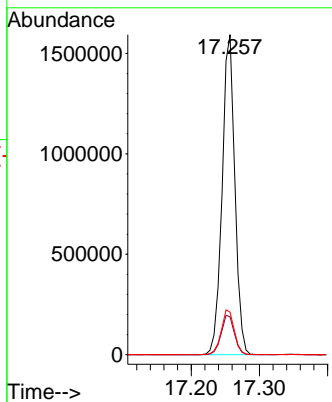


Tgt Ion: 188 Resp: 2070828

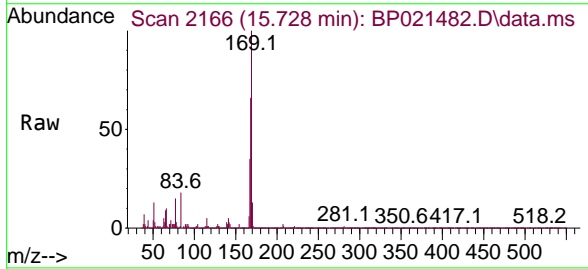
Ion	Ratio	Lower	Upper
188	100		
94	11.9	10.2	15.4
80	13.3	11.6	17.4

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

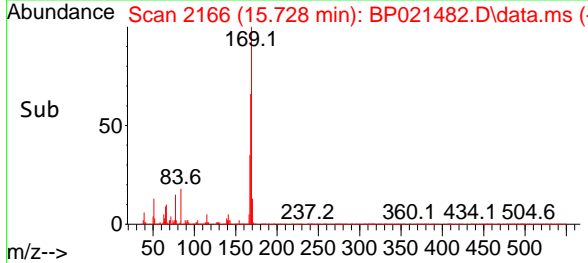
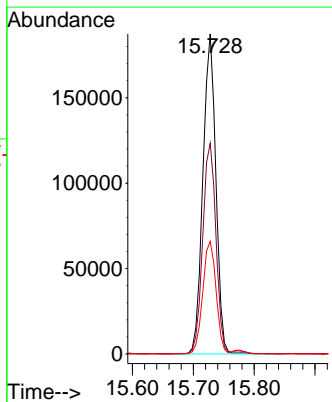


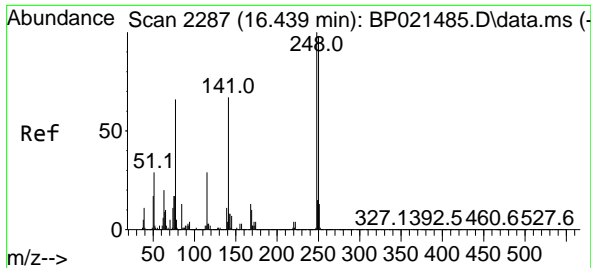
#66
 n-Nitrosodiphenylamine
 Concen: 4.986 ng
 RT: 15.728 min Scan# 2166
 Delta R.T. -0.012 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



Tgt Ion: 169 Resp: 276698

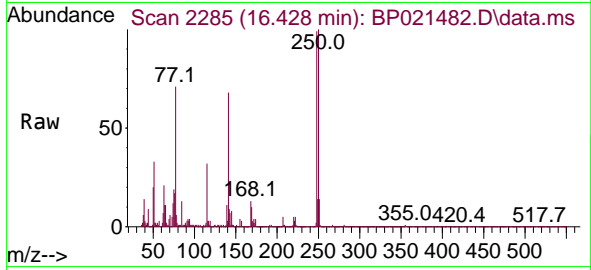
Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.4	80.2
167	35.2	28.7	43.1





#67
 4-Bromophenyl-phenylether
 Concen: 4.985 ng
 RT: 16.428 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC005

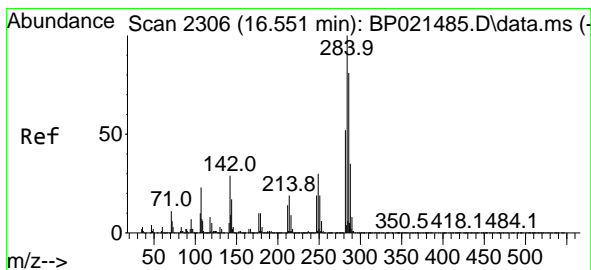
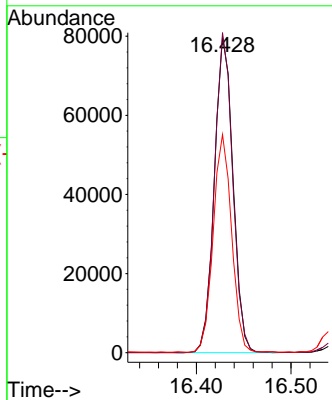
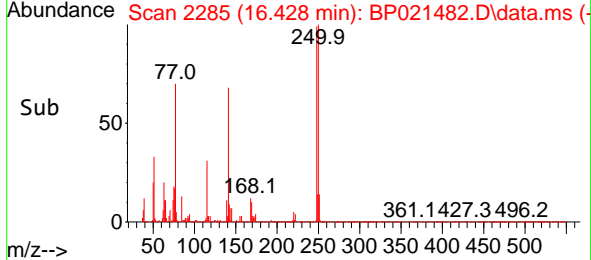


Tgt Ion: 248 Resp: 109250

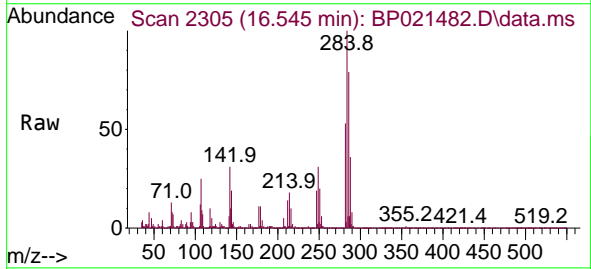
Ion	Ratio	Lower	Upper
248	100		
250	101.3	78.6	117.8
141	69.0	53.9	80.9

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

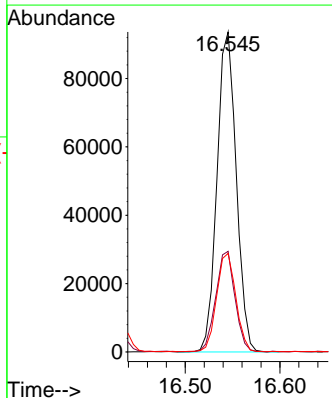
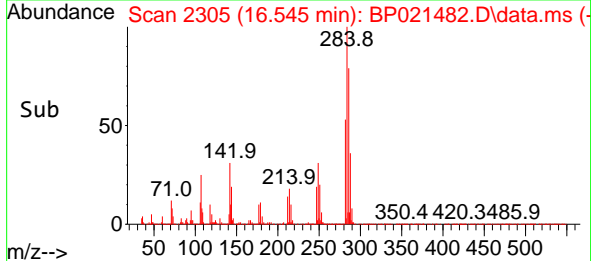


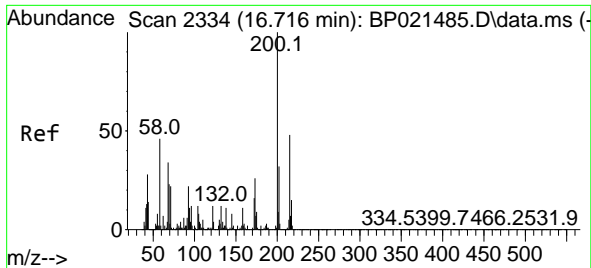
#68
 Hexachlorobenzene
 Concen: 5.104 ng
 RT: 16.545 min Scan# 2305
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



Tgt Ion: 284 Resp: 132184

Ion	Ratio	Lower	Upper
284	100		
142	31.5	23.4	35.2
249	30.8	24.1	36.1





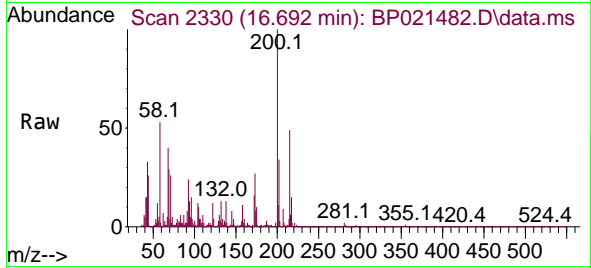
#69
 Atrazine
 Concen: 4.921 ng
 RT: 16.692 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :

BNA_P

ClientSampleId :

SSTDIC005



Tgt Ion:200 Resp: 9376

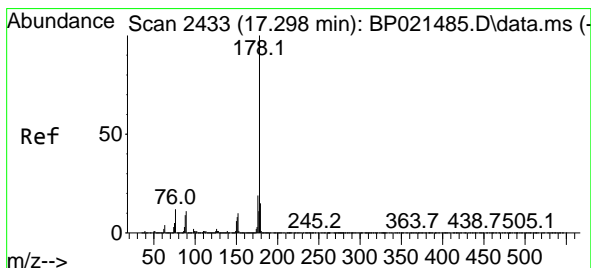
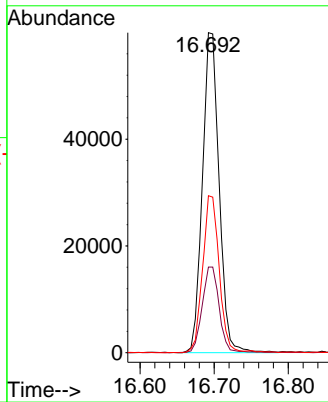
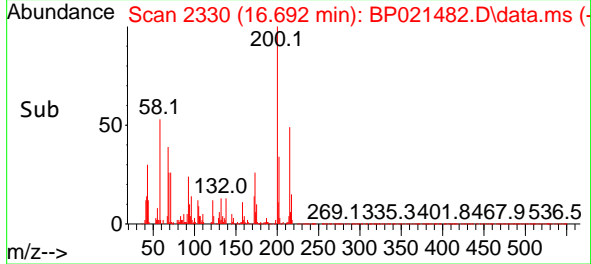
Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.2	46.2
215	49.0	28.4	68.4

Manual Integrations

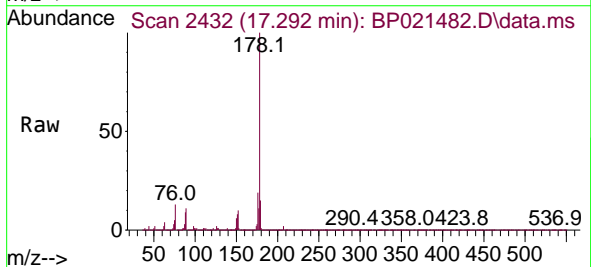
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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024

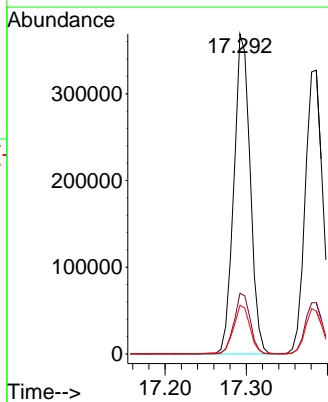
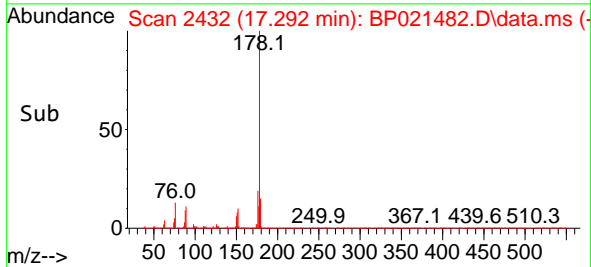


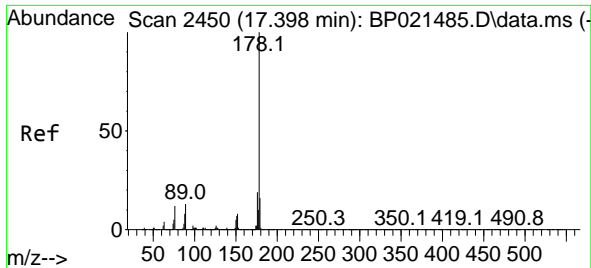
#71
 Phenanthrene
 Concen: 5.149 ng
 RT: 17.292 min Scan# 2432
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



Tgt Ion:178 Resp: 512757

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.2	12.4	18.6





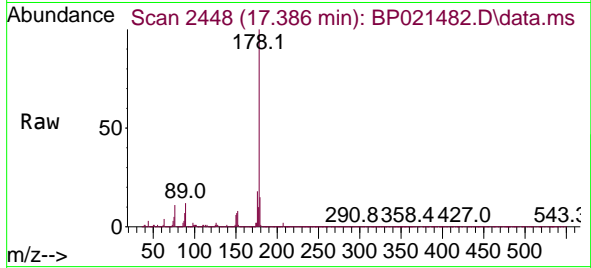
#72
 Anthracene
 Concen: 5.058 ng
 RT: 17.386 min Scan# 2448
 Delta R.T. -0.012 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :

BNA_P

Client SampleId :

SSTDIC005

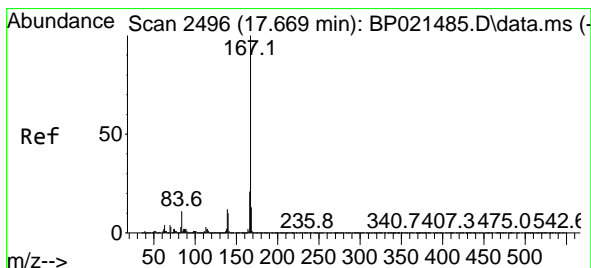
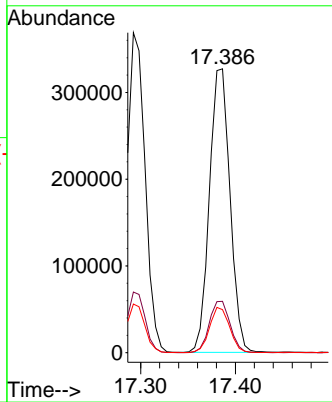
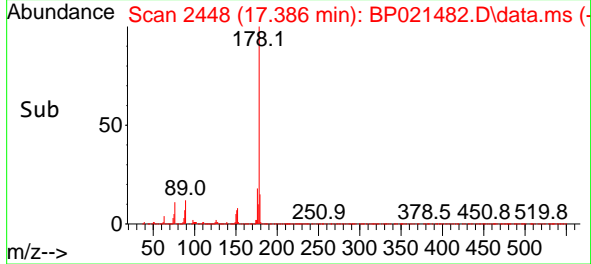


Tgt Ion:178 Resp: 49398

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.9	22.3
179	15.2	12.5	18.7

Manual Integrations
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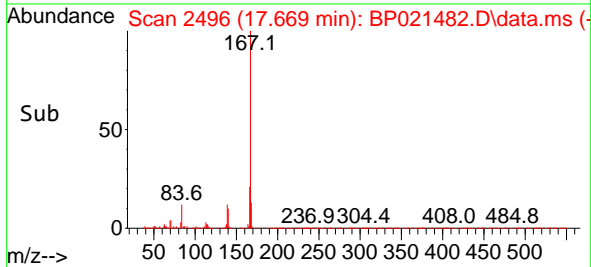
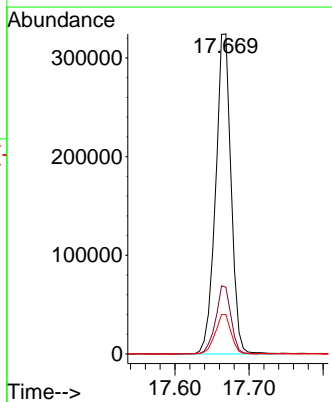
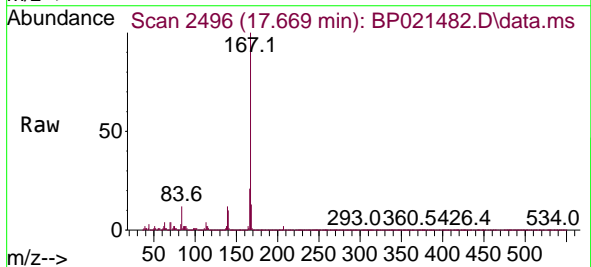
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

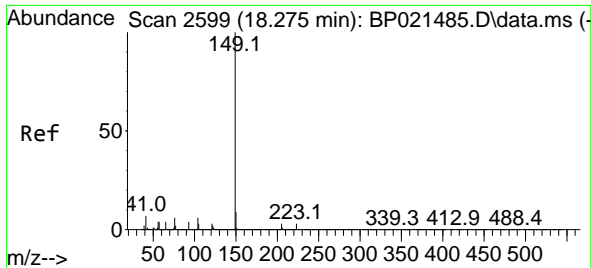


#73
 Carbazole
 Concen: 4.996 ng
 RT: 17.669 min Scan# 2496
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Tgt Ion:167 Resp: 470253

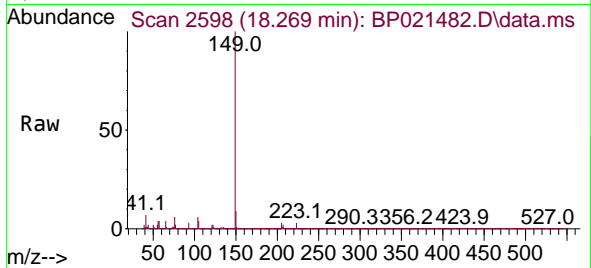
Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.4
139	12.3	9.9	14.9





#74
 Di-n-butylphthalate
 Concen: 4.697 ng
 RT: 18.269 min Scan# 2599
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

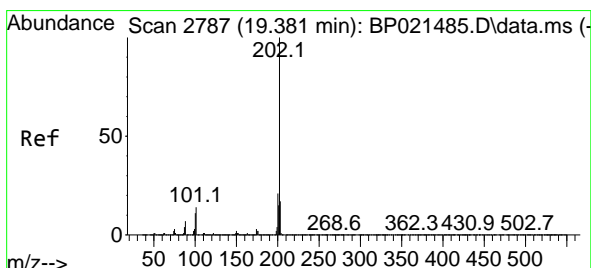
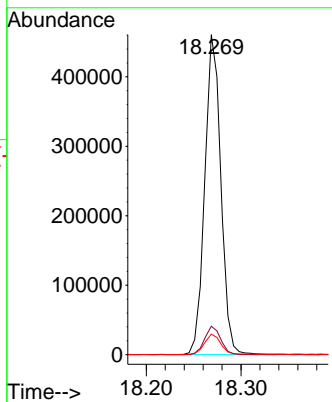
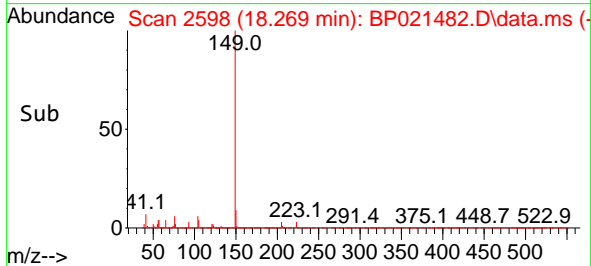
Instrument : BNA_P
 Client Sample Id : SSTDICC005



Tgt Ion: 149 Resp: 54297
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 6.4 4.9 7.3

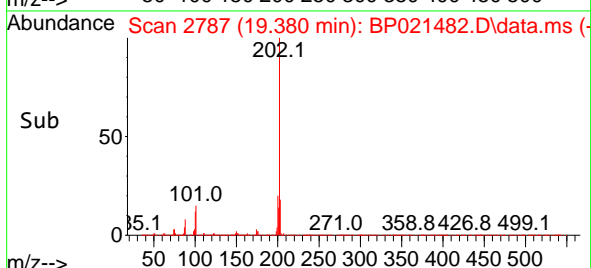
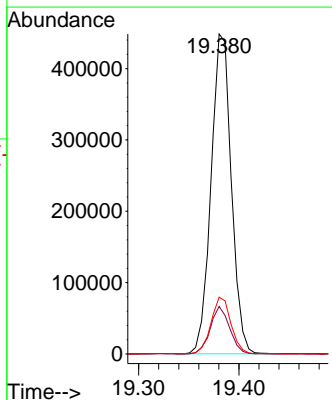
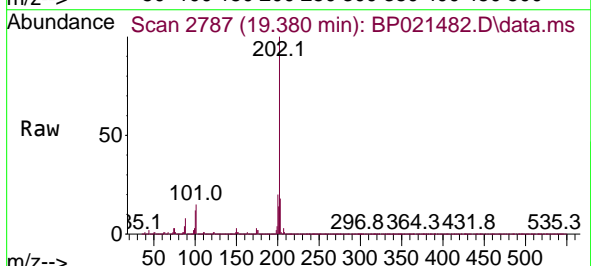
Manual Integrations
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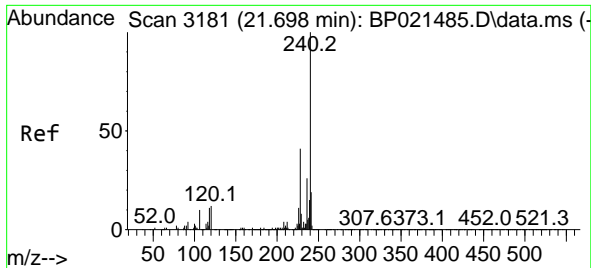
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#75
 Fluoranthene
 Concen: 5.148 ng
 RT: 19.380 min Scan# 2787
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

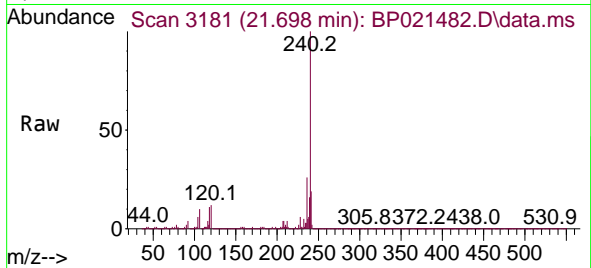
Tgt Ion: 202 Resp: 629080
 Ion Ratio Lower Upper
 202 100
 101 14.8 0.0 34.0
 203 17.8 0.0 37.5





#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.698 min Scan# 3181
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

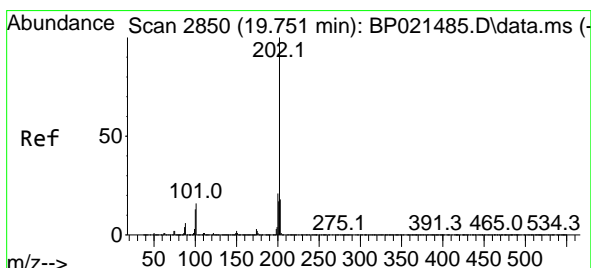
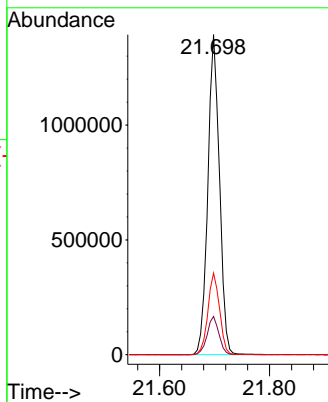
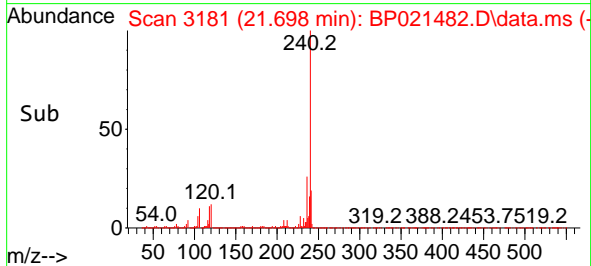
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC005



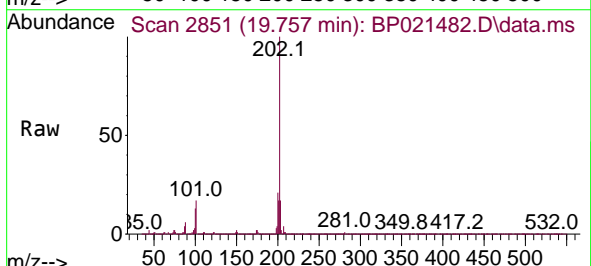
Tgt Ion: 240 Resp: 204039
 Ion Ratio Lower Upper
 240 100
 120 12.0 9.9 14.9
 236 25.5 20.6 30.8

Manual Integrations
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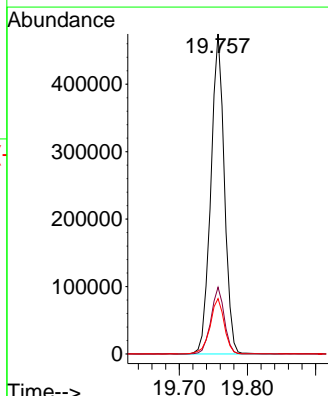
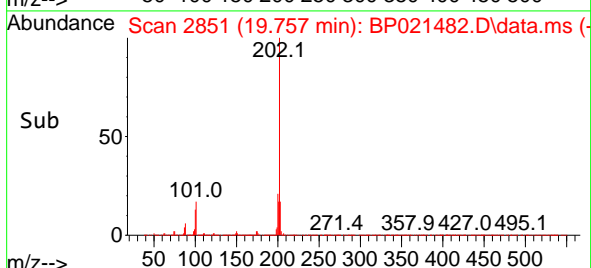
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

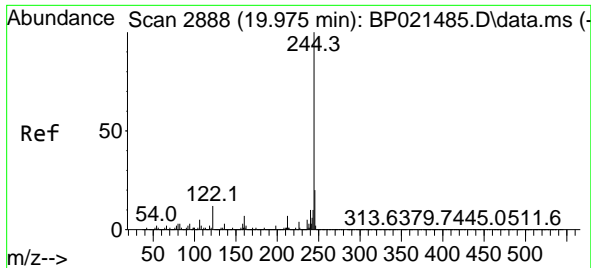


#78
 Pyrene
 Concen: 4.906 ng
 RT: 19.757 min Scan# 2851
 Delta R.T. 0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



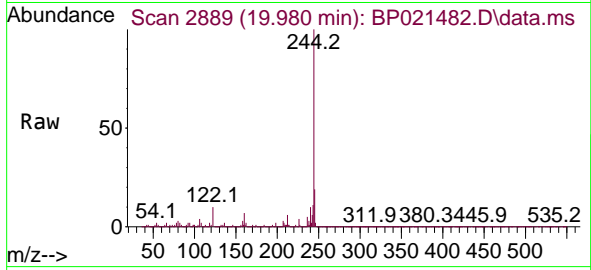
Tgt Ion: 202 Resp: 654333
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.7 25.1
 203 17.3 14.1 21.1





#79
 Terphenyl-d14
 Concen: 10.379 ng
 RT: 19.980 min Scan# 2889
 Delta R.T. 0.005 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument : BNA_P
 Client Sample Id : SSTDICC005

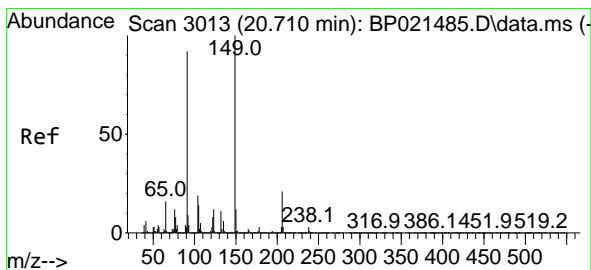
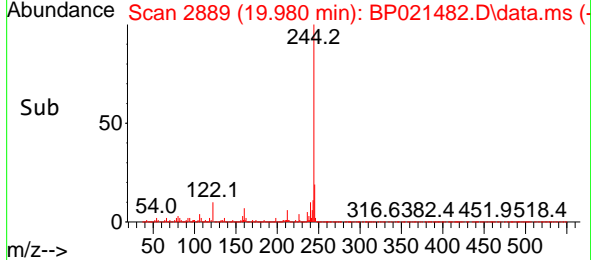
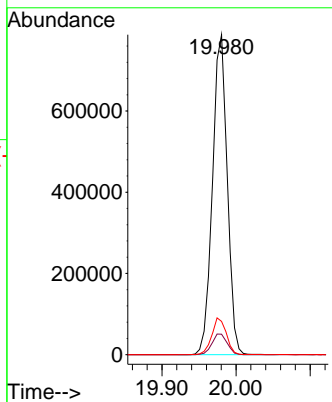


Tgt Ion: 244 Resp: 1090110

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	10.4	9.4	14.2

Manual Integrations
 APPROVED

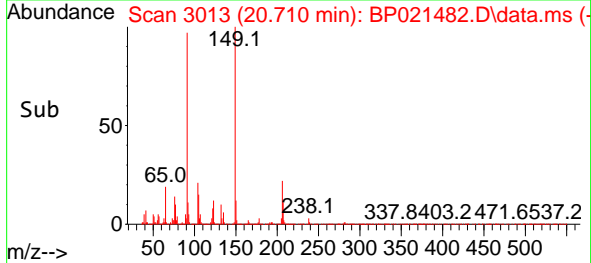
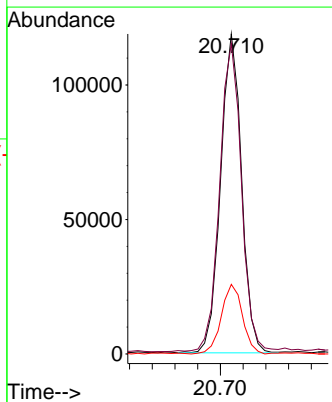
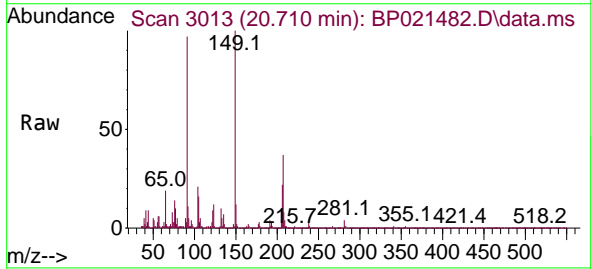
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

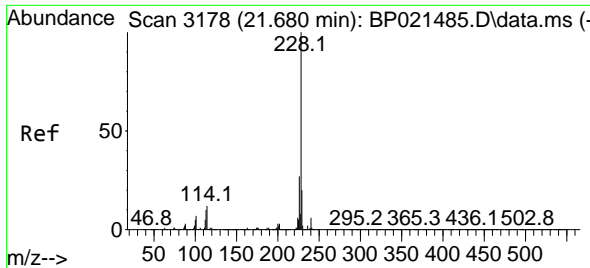


#80
 Butylbenzylphthalate
 Concen: 6.382 ng
 RT: 20.710 min Scan# 3013
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Tgt Ion: 149 Resp: 152079

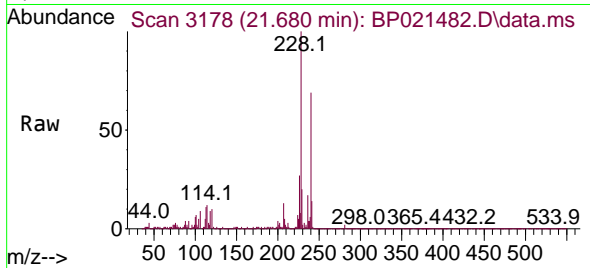
Ion	Ratio	Lower	Upper
149	100		
91	97.1	73.3	109.9
206	21.7	17.1	25.7





#81
 Benzo(a)anthracene
 Concen: 5.063 ng
 RT: 21.680 min Scan# 3178
 Delta R.T. -0.000 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

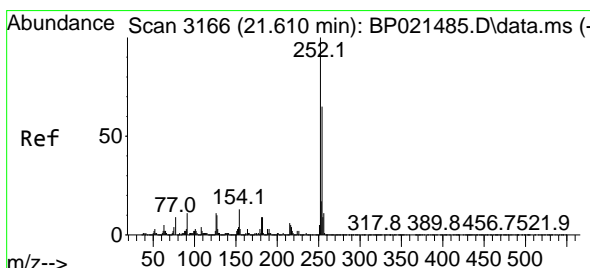
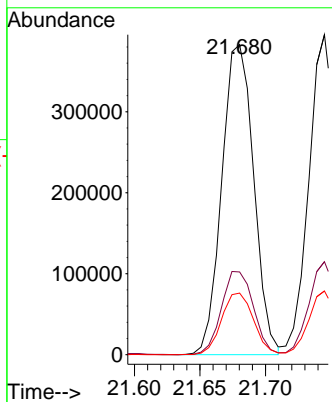
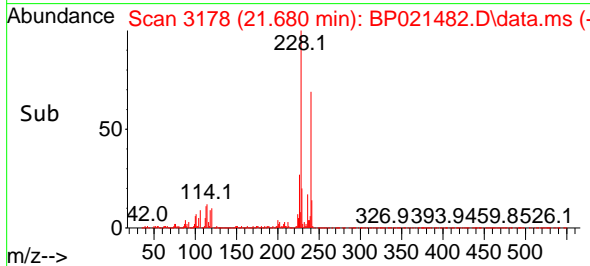
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC005



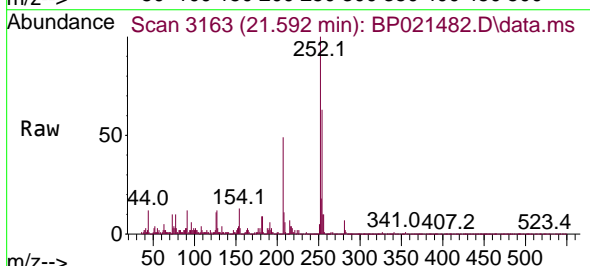
Tgt Ion: 228 Resp: 64852
 Ion Ratio Lower Upper
 228 100
 226 26.7 21.4 32.2
 229 19.9 15.8 23.6

Manual Integrations
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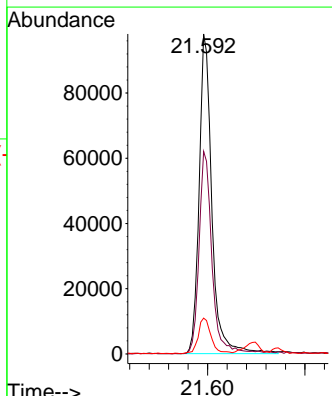
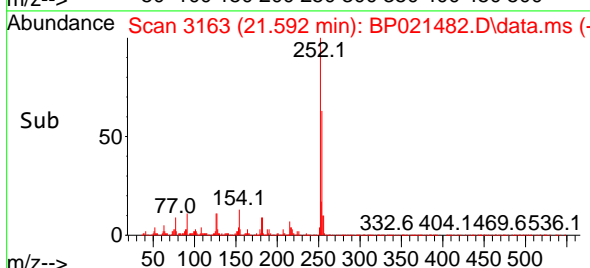
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

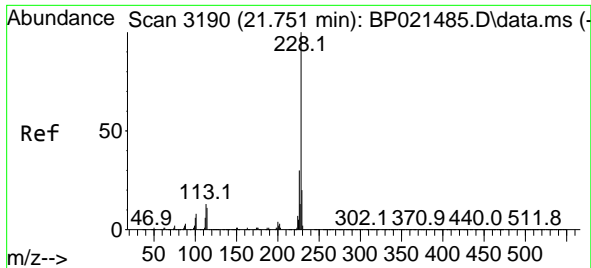


#82
 3,3'-Dichlorobenzidine
 Concen: 4.338 ng
 RT: 21.592 min Scan# 3163
 Delta R.T. -0.018 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



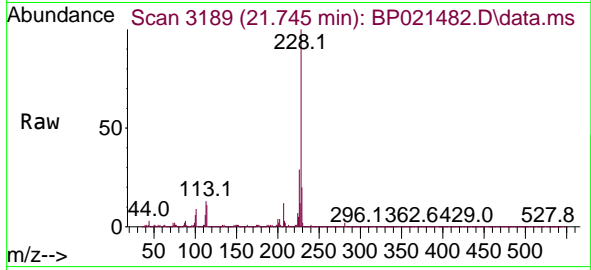
Tgt Ion: 252 Resp: 178137
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.7 77.5
 126 11.2 8.7 13.1





#83
 Chrysene
 Concen: 5.115 ng
 RT: 21.745 min Scan# 3190
 Delta R.T. -0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

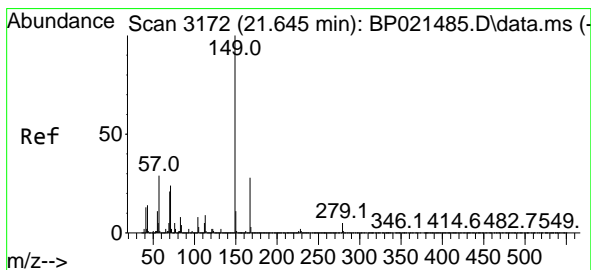
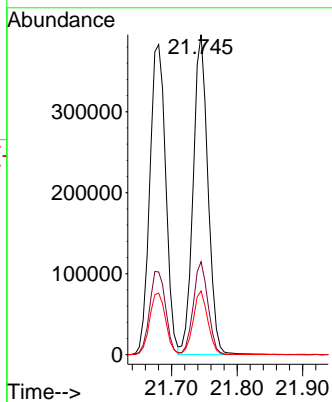
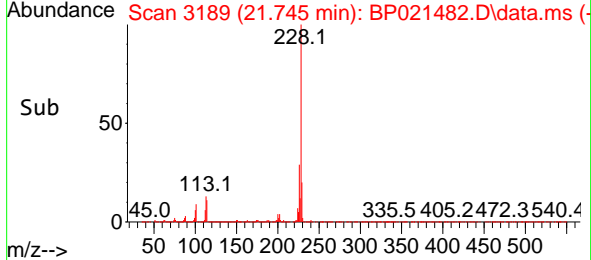
Instrument : BNA_P
 Client Sample Id : SSTDICC005



Tgt Ion: 228 Resp: 61862
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.9 35.9
 229 19.9 15.8 23.6

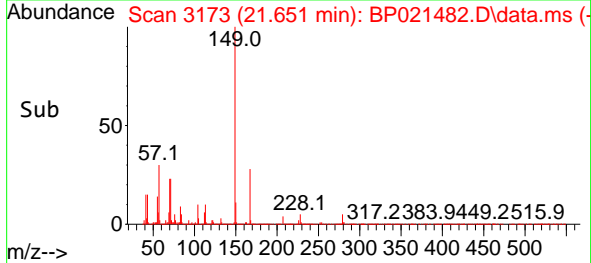
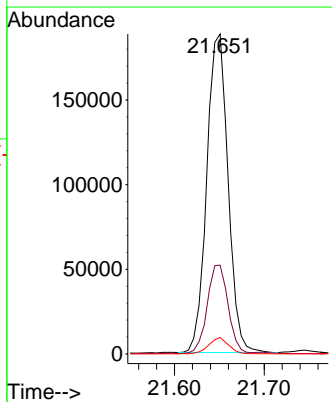
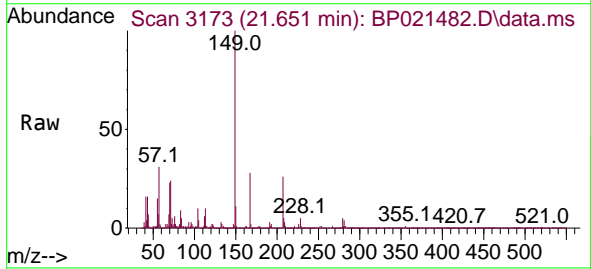
Manual Integrations
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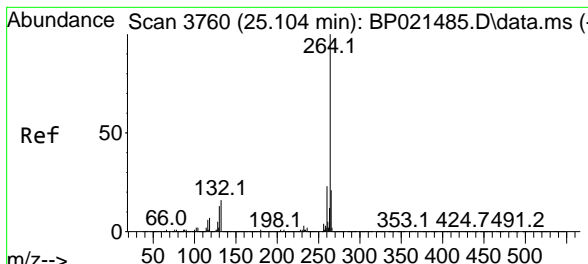
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.091 ng
 RT: 21.651 min Scan# 3173
 Delta R.T. 0.006 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

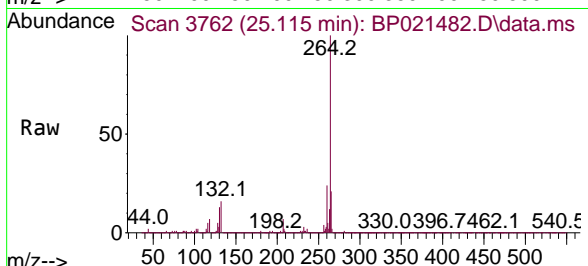
Tgt Ion: 149 Resp: 309738
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.3 33.5
 279 5.2 3.8 5.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.115 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

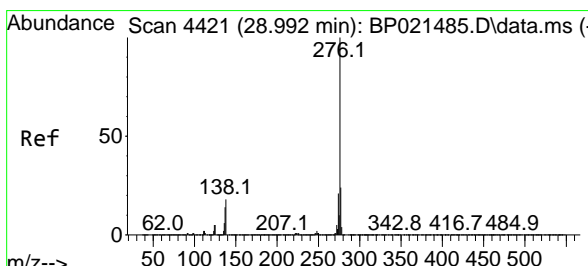
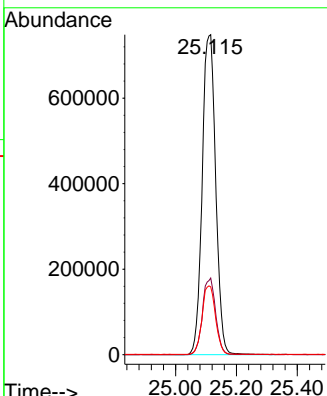
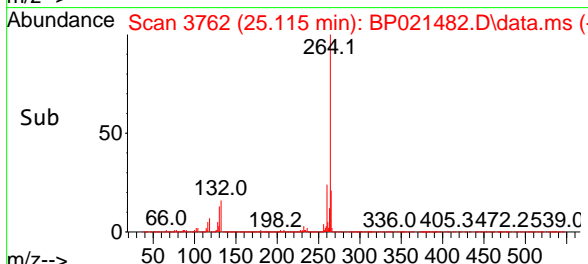
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005



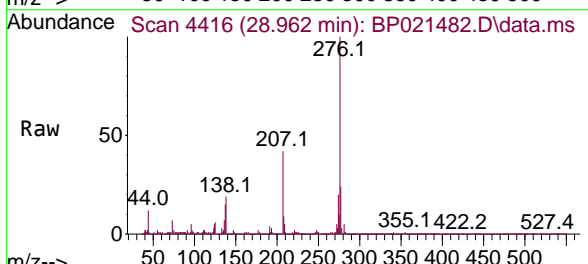
Tgt Ion: 264 Resp: 229953

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.2	17.1	25.7

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

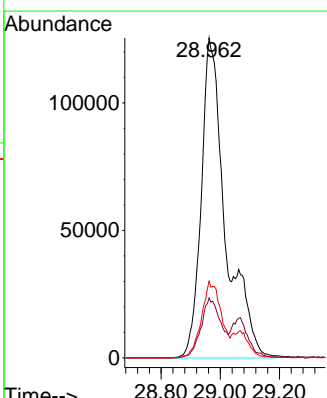
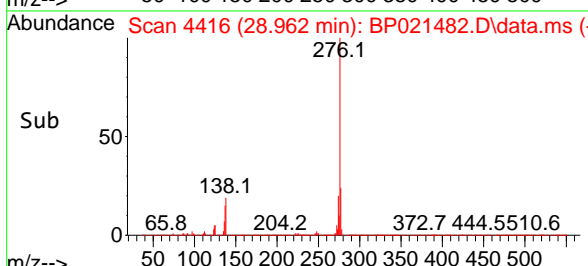


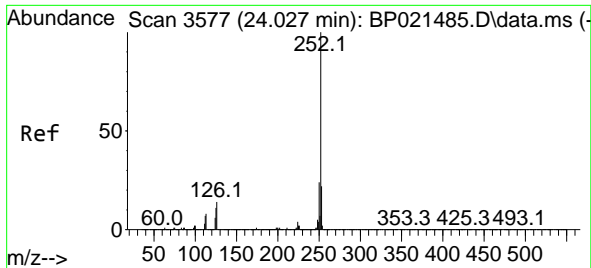
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.800 ng m
 RT: 28.962 min Scan# 4416
 Delta R.T. -0.030 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



Tgt Ion: 276 Resp: 715393

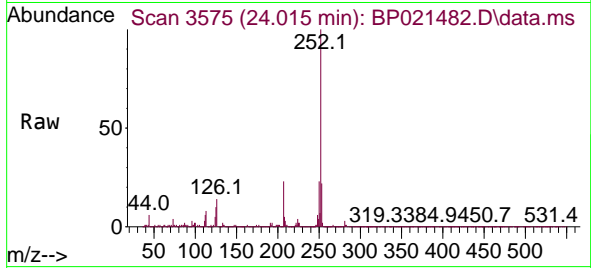
Ion	Ratio	Lower	Upper
276	100		
138	15.3	12.8	19.2
277	19.6	16.5	24.7





#88
 Benzo(b)fluoranthene
 Concen: 4.816 ng
 RT: 24.015 min Scan# 3575
 Delta R.T. -0.012 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

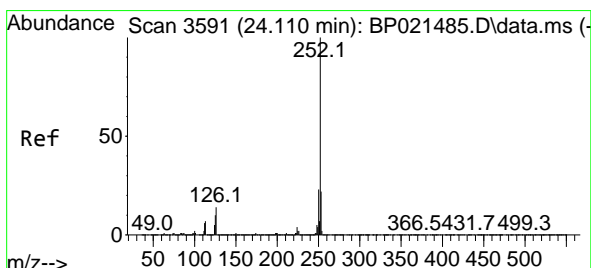
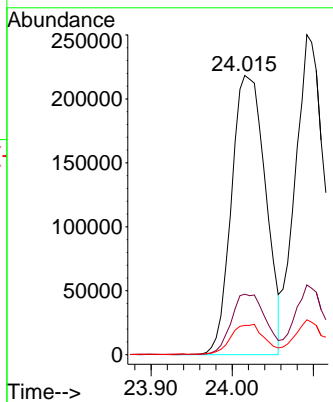
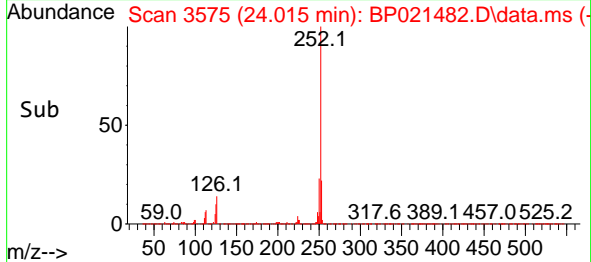
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005



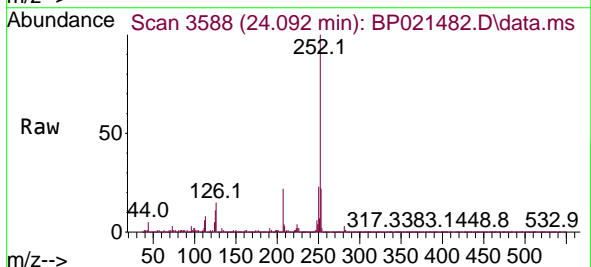
Tgt Ion:252 Resp: 63602
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.6 26.4
 125 10.5 8.6 13.0

Manual Integrations
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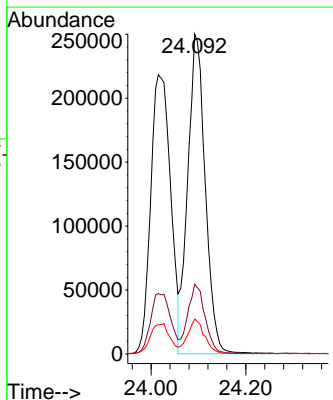
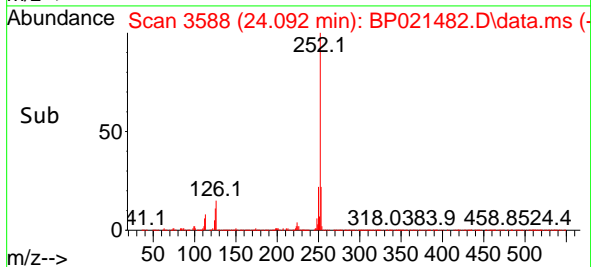
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

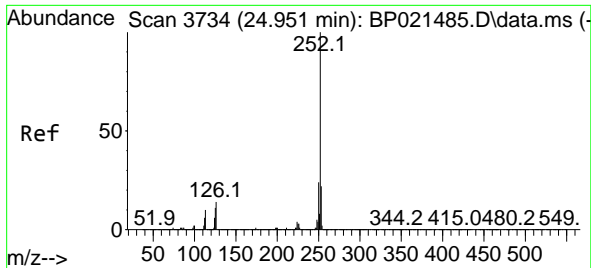


#89
 Benzo(k)fluoranthene
 Concen: 4.975 ng
 RT: 24.092 min Scan# 3588
 Delta R.T. -0.018 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



Tgt Ion:252 Resp: 640982
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 10.9 7.8 11.8





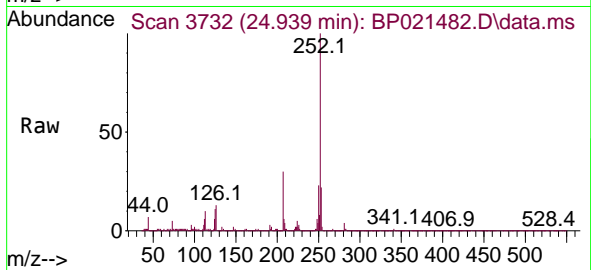
#90
 Benzo(a)pyrene
 Concen: 4.783 ng
 RT: 24.939 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15

Instrument :

BNA_P

Client SampleId :

SSTDIC005



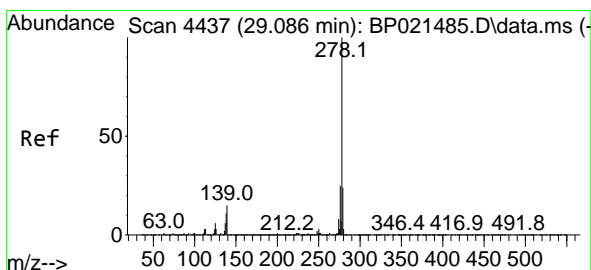
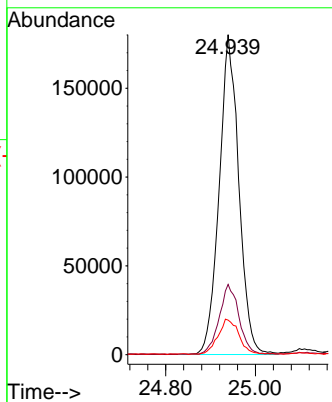
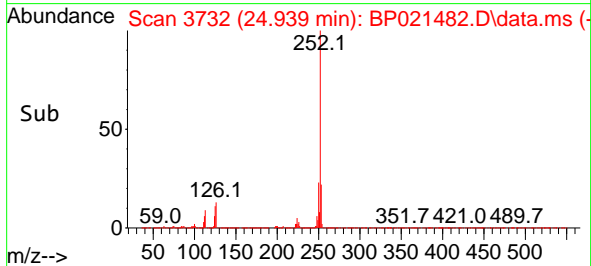
Tgt Ion:252 Resp: 548144
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.7 26.5
 125 10.8 8.7 13.1

Manual Integrations

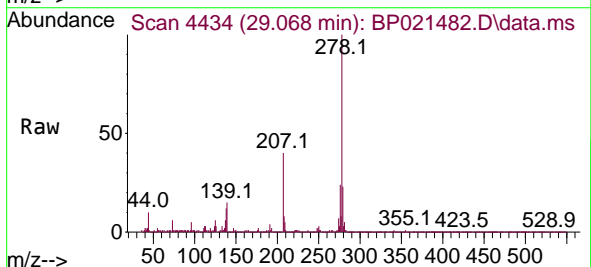
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

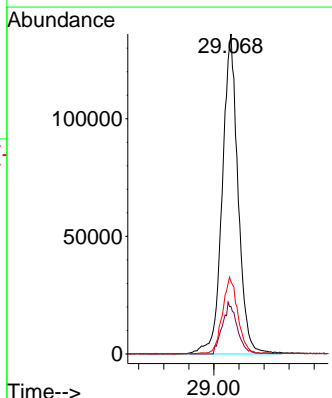
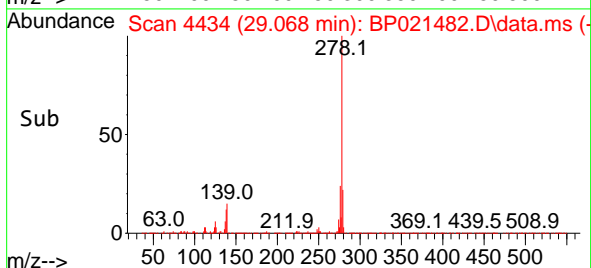
Supervised By :mohammad ahmed 08/14/2024

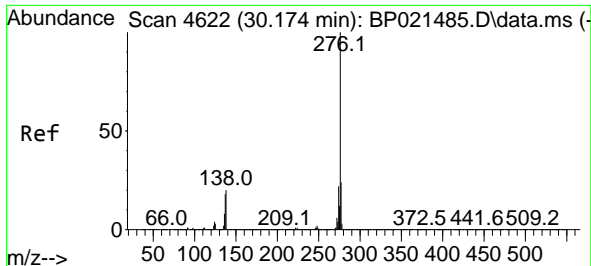


#91
 Dibenzo(a,h)anthracene
 Concen: 4.802 ng
 RT: 29.068 min Scan# 4434
 Delta R.T. -0.018 min
 Lab File: BP021482.D
 Acq: 13 Aug 2024 13:15



Tgt Ion:278 Resp: 594702
 Ion Ratio Lower Upper
 278 100
 139 14.9 12.2 18.4
 279 22.6 19.1 28.7





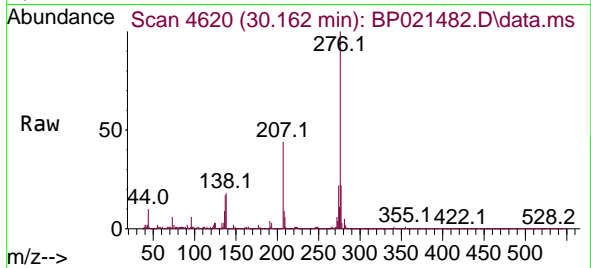
#92
Benzo(g,h,i)perylene
Concen: 4.872 ng
RT: 30.162 min Scan# 40
Delta R.T. -0.012 min
Lab File: BP021482.D
Acq: 13 Aug 2024 13:15

Instrument :

BNA_P

Client Sample Id :

SSTDICC005



Tgt Ion: 276 Resp: 60477

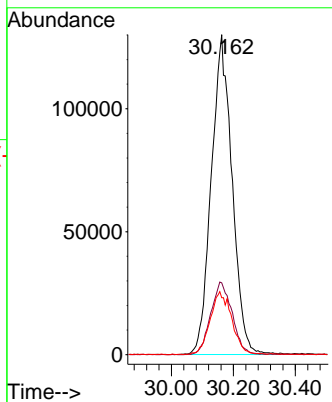
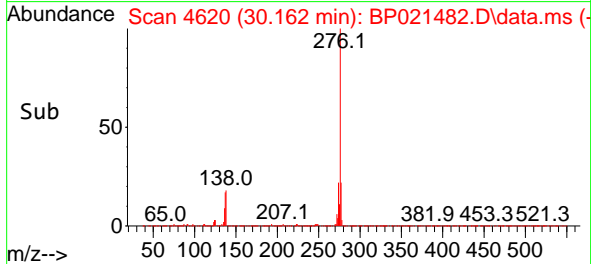
Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.0	28.6
138	17.8	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021483.D
 Acq On : 13 Aug 2024 13:59
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 23:50:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	385438	20.000	ng	0.00	
21) Naphthalene-d8	10.599	136	1772285	20.000	ng	0.00	
39) Acenaphthene-d10	14.451	164	1303990	20.000	ng	0.00	
64) Phenanthrene-d10	17.251	188	2799153	20.000	ng	0.00	
76) Chrysenes-d12	21.710	240	2268651	20.000	ng	0.01	
86) Perylene-d12	25.110	264	2172035	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	495524	19.090	ng	0.00	
7) Phenol-d6	6.958	99	755554	19.953	ng	0.00	
23) Nitrobenzene-d5	8.952	82	600158	17.479	ng	0.00	
42) 2,4,6-Tribromophenol	15.963	330	266074	18.334	ng	0.00	
45) 2-Fluorobiphenyl	13.057	172	1713239	20.051	ng	0.00	
79) Terphenyl-d14	19.963	244	2713318	23.235	ng	-0.01	
Target Compounds							
							Qvalue
2) 1,4-Dioxane	3.317	88	118289	9.611	ng		97
3) Pyridine	3.705	79	331408	9.645	ng		98
4) n-Nitrosodimethylamine	3.617	42	101144	9.794	ng	#	99
6) Aniline	7.128	93	392151	10.359	ng		99
8) 2-Chlorophenol	7.369	128	235350	9.811	ng		97
9) Benzaldehyde	6.946	77	278892	11.503	ng		99
10) Phenol	6.987	94	389958	9.945	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	346942	10.456	ng		99
12) 1,3-Dichlorobenzene	7.699	146	285122	10.006	ng		98
13) 1,4-Dichlorobenzene	7.840	146	291753	10.140	ng		99
14) 1,2-Dichlorobenzene	8.158	146	284225	10.251	ng		99
15) Benzyl Alcohol	8.034	79	280251	10.315	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.334	45	330688m	10.822	ng		
17) 2-Methylphenol	8.228	107	252971	10.205	ng		98
18) Hexachloroethane	8.893	117	113709	9.855	ng		99
19) n-Nitroso-di-n-propyla...	8.599	70	299730	11.459	ng		99
20) 3+4-Methylphenols	8.558	107	350826	10.496	ng		98
22) Acetophenone	8.616	105	550125	10.104	ng	#	98
24) Nitrobenzene	8.993	77	341460	9.156	ng		96
25) Isophorone	9.516	82	859297	10.593	ng		99
26) 2-Nitrophenol	9.705	139	55468	10.066	ng		94
27) 2,4-Dimethylphenol	9.757	122	199430	9.962	ng		98
28) bis(2-Chloroethoxy)met...	10.005	93	508512	10.270	ng		99
29) 2,4-Dichlorophenol	10.240	162	220504	9.322	ng		98
30) 1,2,4-Trichlorobenzene	10.457	180	293816	9.689	ng		96
31) Naphthalene	10.646	128	922302	9.962	ng		99
32) Benzoic acid	9.828	122	72405	10.529	ng		89
33) 4-Chloroaniline	10.740	127	357126	10.269	ng		98
34) Hexachlorobutadiene	10.946	225	188389	9.867	ng		99
35) Caprolactam	11.481	113	101824	10.344	ng		98
36) 4-Chloro-3-methylphenol	11.863	107	332115	10.122	ng		98
37) 2-Methylnaphthalene	12.257	142	657592	10.407	ng		99
38) 1-Methylnaphthalene	12.475	142	651444	10.453	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	354329	9.274	ng		100
41) Hexachlorocyclopentadiene	12.622	237	99734	8.236	ng		96
43) 2,4,6-Trichlorophenol	12.863	196	185031	8.718	ng		96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021483.D
 Acq On : 13 Aug 2024 13:59
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 23:50:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	206114	8.741	ng	99
46) 1,1'-Biphenyl	13.275	154	912835	9.894	ng	99
47) 2-Chloronaphthalene	13.310	162	700953	9.759	ng	99
48) 2-Nitroaniline	13.504	65	117865	10.374	ng	97
49) Acenaphthylene	14.169	152	1049611	9.941	ng	100
50) Dimethylphthalate	13.893	163	889818	10.190	ng	100
51) 2,6-Dinitrotoluene	14.004	165	122236	10.348	ng	90
52) Acenaphthene	14.516	154	690129	9.961	ng	100
53) 3-Nitroaniline	14.328	138	120754	10.365	ng #	95
54) 2,4-Dinitrophenol	14.540	184	29452	10.721	ng #	52
55) Dibenzofuran	14.851	168	1067432	10.016	ng	100
56) 4-Nitrophenol	14.628	139	91997	11.027	ng	92
57) 2,4-Dinitrotoluene	14.804	165	139246	10.586	ng	94
58) Fluorene	15.522	166	912792	10.425	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.075	232	181235	9.055	ng	99
60) Diethylphthalate	15.292	149	909304	10.148	ng	98
61) 4-Chlorophenyl-phenyle...	15.516	204	471863	10.426	ng	98
62) 4-Nitroaniline	15.516	138	129100	9.743	ng	87
63) Azobenzene	15.810	77	1159642	10.529	ng	99
65) 4,6-Dinitro-2-methylph...	15.581	198	44079	11.022	ng	91
66) n-Nitrosodiphenylamine	15.722	169	757847	10.103	ng	100
67) 4-Bromophenyl-phenylether	16.422	248	293464	9.906	ng	98
68) Hexachlorobenzene	16.545	284	347933	9.938	ng	96
69) Atrazine	16.698	200	260277	10.106	ng	99
70) Pentachlorophenol	16.892	266	150520	7.877	ng	99
71) Phenanthrene	17.298	178	1348415	10.017	ng	99
72) Anthracene	17.392	178	1336422	10.123	ng	99
73) Carbazole	17.657	167	1267960	9.966	ng	99
74) Di-n-butylphthalate	18.275	149	1490471	9.539	ng	99
75) Fluoranthene	19.375	202	1613504	9.769	ng	100
77) Benzidine	19.569	184	336598	9.509	ng	99
78) Pyrene	19.751	202	1667213	11.243	ng	99
80) Butylbenzylphthalate	20.704	149	414136	10.409	ng	96
81) Benzo(a)anthracene	21.680	228	1415007	9.936	ng	100
82) 3,3'-Dichlorobenzidine	21.598	252	405660	8.884	ng	99
83) Chrysene	21.751	228	1338613	9.955	ng	99
84) Bis(2-ethylhexyl)phtha...	21.639	149	720802	8.563	ng	100
85) Di-n-octyl phthalate	22.951	149	951183	10.621	ng	99
87) Indeno(1,2,3-cd)pyrene	28.974	276	1255326	8.917	ng	98
88) Benzo(b)fluoranthene	24.021	252	1250809	10.027	ng	99
89) Benzo(k)fluoranthene	24.092	252	1195420	9.824	ng	99
90) Benzo(a)pyrene	24.927	252	1035462	9.565	ng	99
91) Dibenzo(a,h)anthracene	29.051	278	1047693	8.956	ng	99
92) Benzo(g,h,i)perylene	30.168	276	1037272	8.847	ng	99

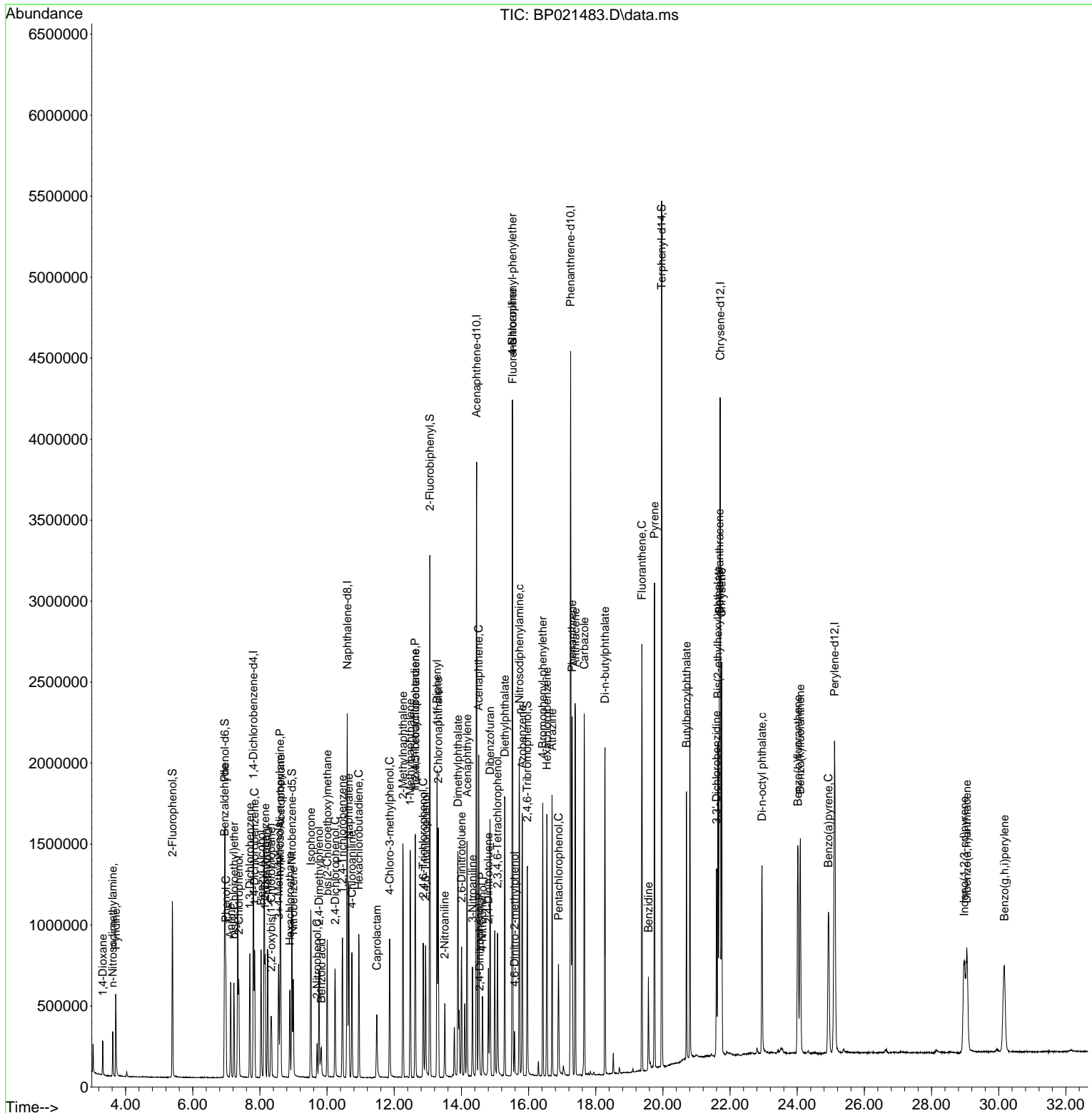
(#) = qualifier out of range (m) = manual integration (+) = signals summed

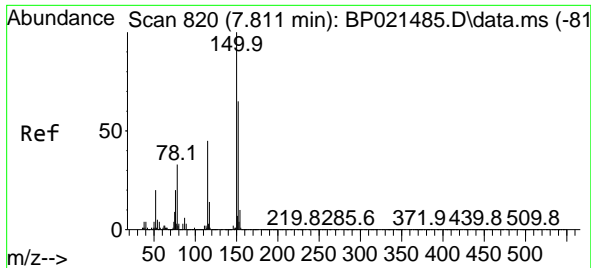
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 Data File : BP021483.D
 Acq On : 13 Aug 2024 13:59
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC010

Quant Time: Aug 13 23:50:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

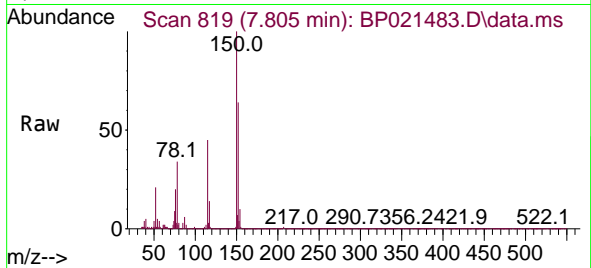
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

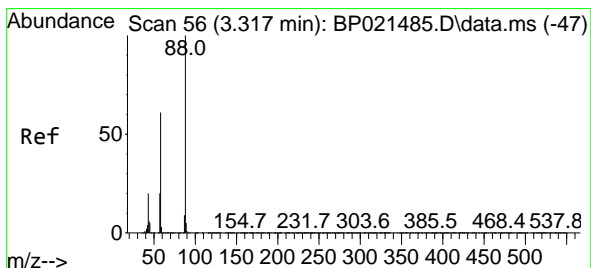
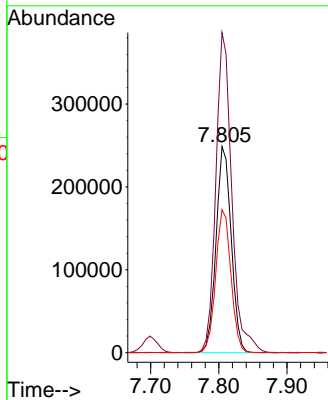
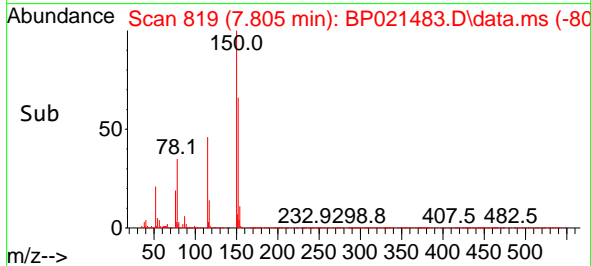
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010



Tgt Ion:152 Resp: 385438
 Ion Ratio Lower Upper
 152 100
 150 155.2 122.4 183.6
 115 69.3 54.7 82.1

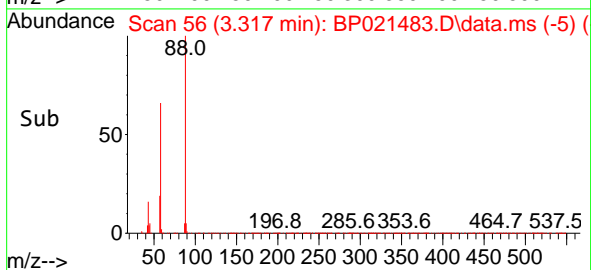
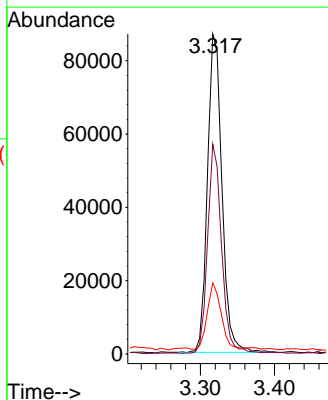
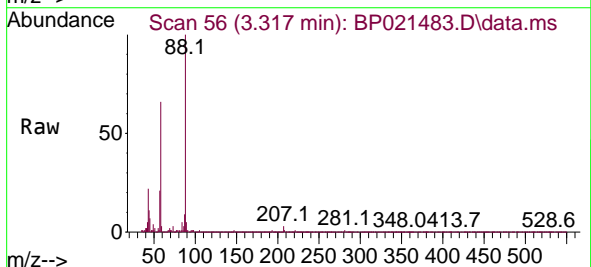
Manual Integrations
 APPROVED

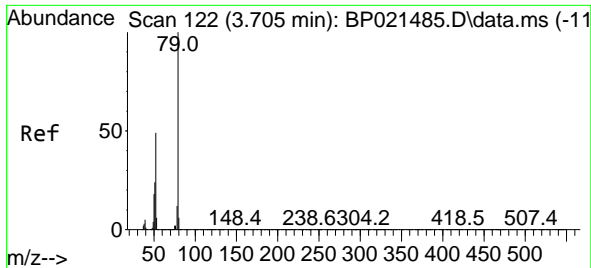
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#2
 1,4-Dioxane
 Concen: 9.611 ng
 RT: 3.317 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

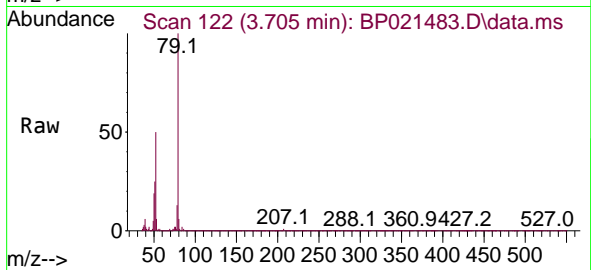
Tgt Ion: 88 Resp: 118289
 Ion Ratio Lower Upper
 88 100
 58 63.3 48.7 73.1
 43 19.9 15.4 23.2





#3
 Pyridine
 Concen: 9.645 ng
 RT: 3.705 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

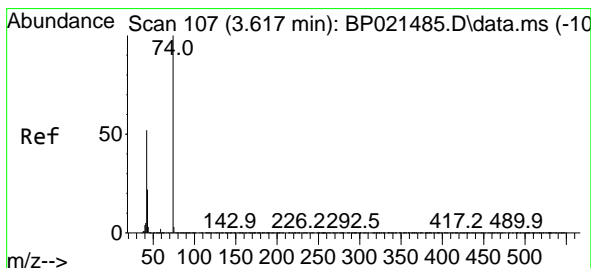
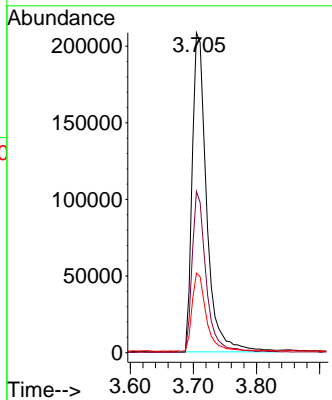
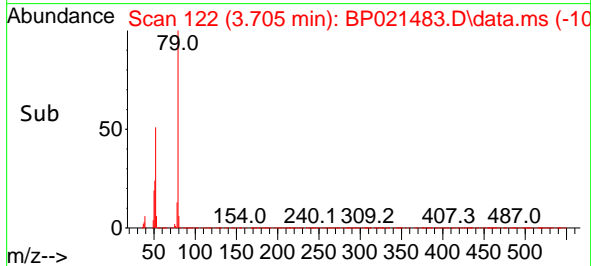
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC010



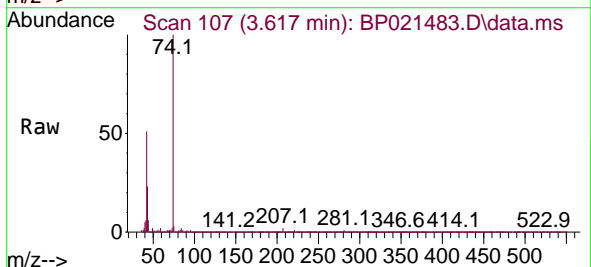
Tgt Ion: 79 Resp: 331408
 Ion Ratio Lower Upper
 79 100
 52 50.4 39.0 58.6
 51 24.9 19.2 28.8

Manual Integrations
 APPROVED

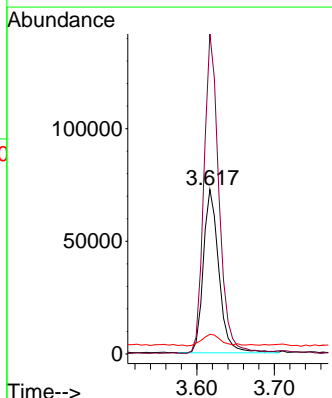
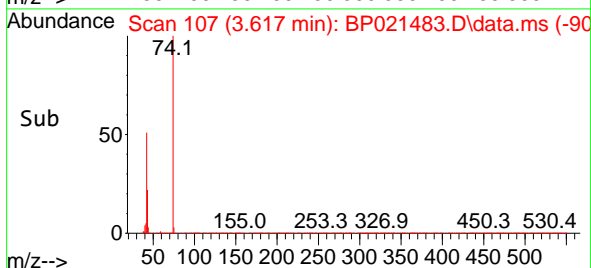
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

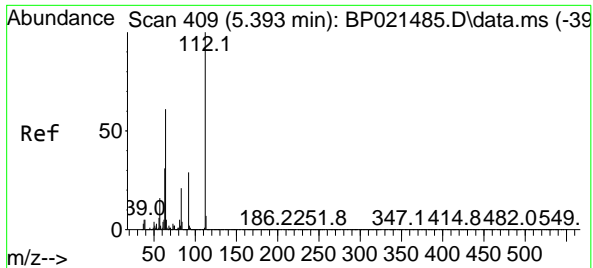


#4
 n-Nitrosodimethylamine
 Concen: 9.794 ng
 RT: 3.617 min Scan# 107
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



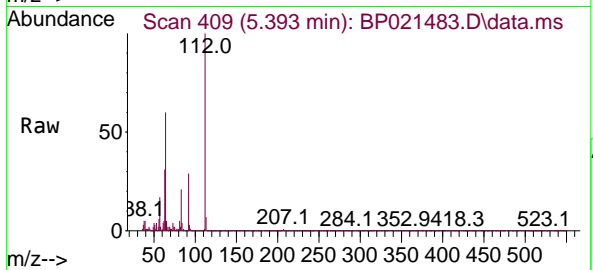
Tgt Ion: 42 Resp: 101144
 Ion Ratio Lower Upper
 42 100
 74 194.5 154.3 231.5
 44 12.0 6.2 9.4





#5
 2-Fluorophenol
 Concen: 19.090 ng
 RT: 5.393 min Scan# 409
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

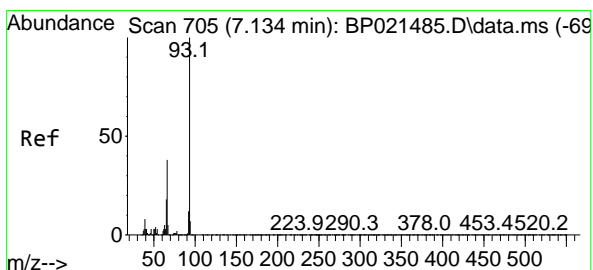
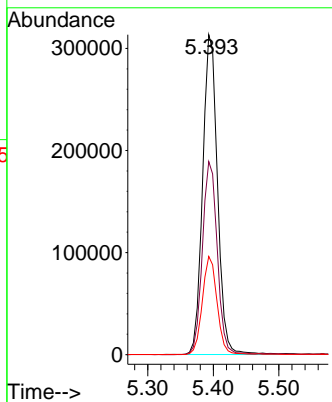
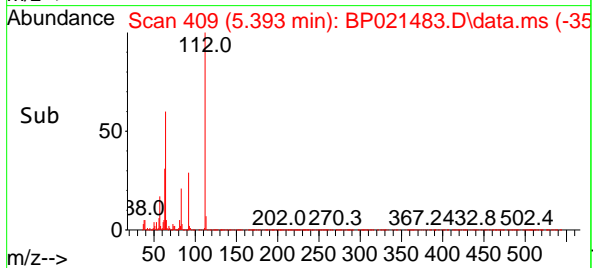
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC010



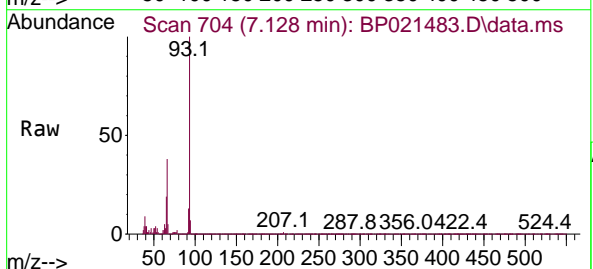
Tgt Ion: 112 Resp: 495524
 Ion Ratio Lower Upper
 112 100
 64 60.4 49.0 73.6
 63 30.7 24.6 36.8

Manual Integrations
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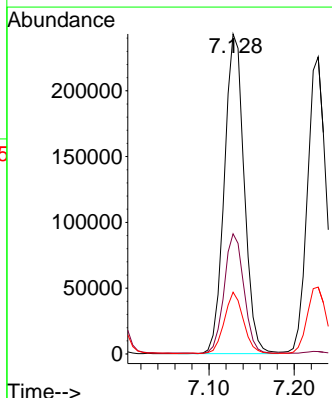
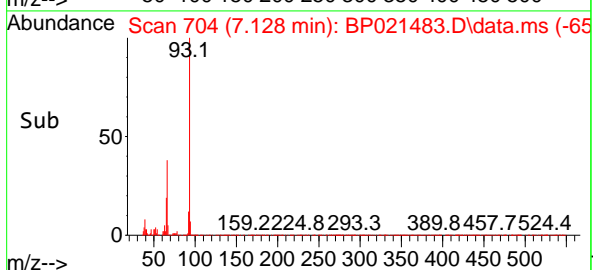
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

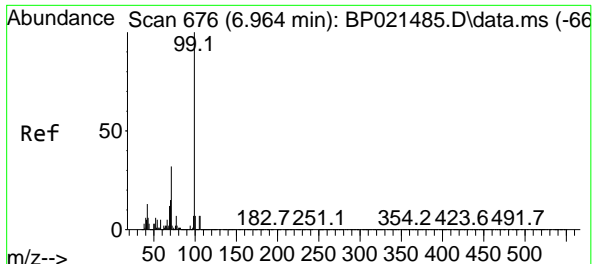


#6
 Aniline
 Concen: 10.359 ng
 RT: 7.128 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



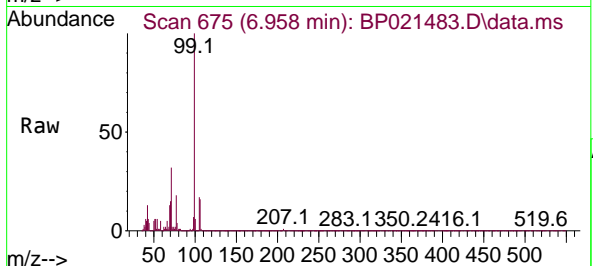
Tgt Ion: 93 Resp: 392151
 Ion Ratio Lower Upper
 93 100
 66 37.6 30.2 45.2
 65 19.3 14.7 22.1





#7
 Phenol-d6
 Concen: 19.953 ng
 RT: 6.958 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC010

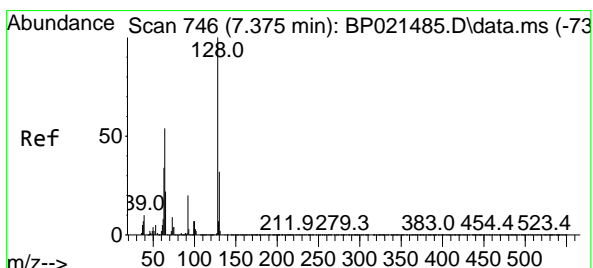
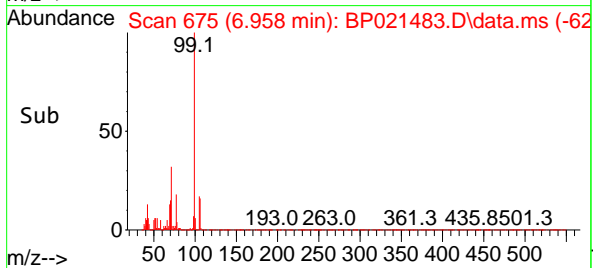
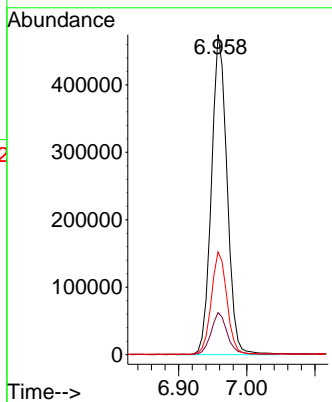


Tgt Ion: 99 Resp: 75554

Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.2	15.4
71	32.1	25.8	38.8

Manual Integrations
 APPROVED

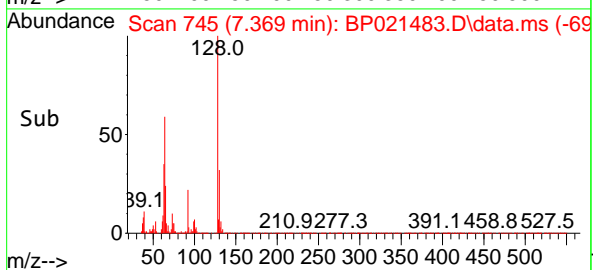
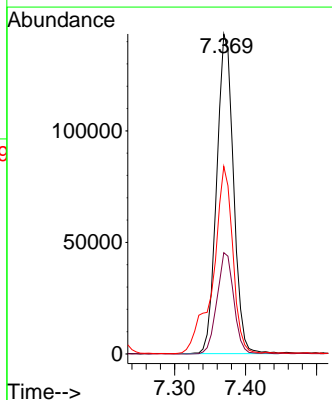
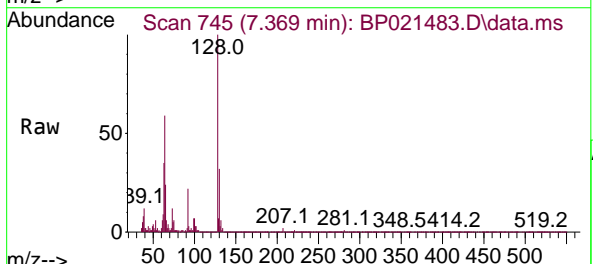
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

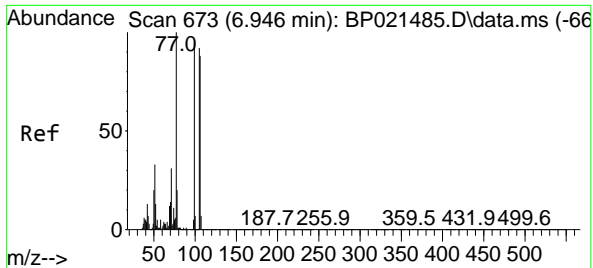


#8
 2-Chlorophenol
 Concen: 9.811 ng
 RT: 7.369 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Tgt Ion:128 Resp: 235350

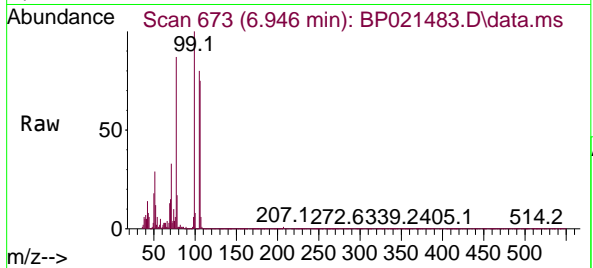
Ion	Ratio	Lower	Upper
128	100		
130	31.6	11.6	51.6
64	58.6	35.3	75.3





#9
Benzaldehyde
Concen: 11.503 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021483.D
Acq: 13 Aug 2024 13:59

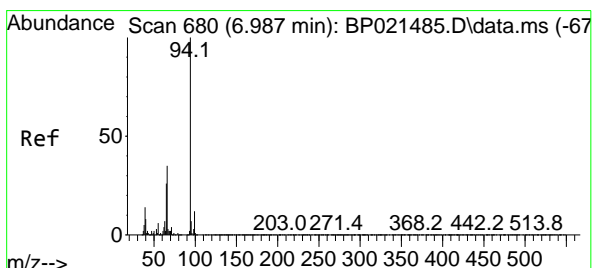
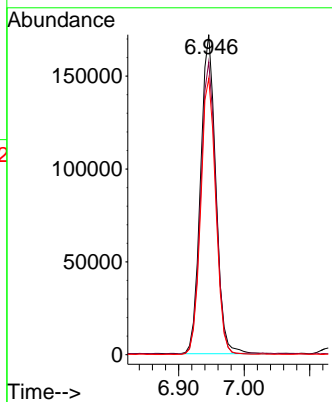
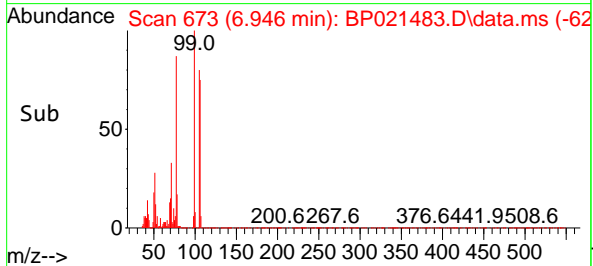
Instrument :
BNA_P
ClientSampleId :
SSTDIC010



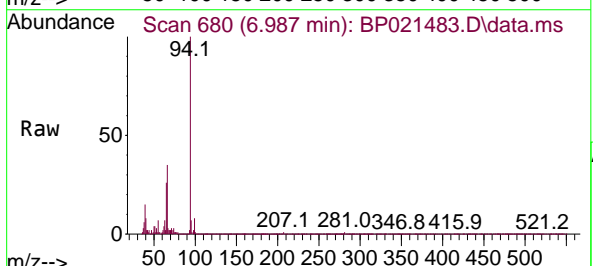
Tgt Ion: 77 Resp: 27889
Ion Ratio Lower Upper
77 100
105 91.5 72.1 112.1
106 86.4 67.9 107.9

Manual Integrations
APPROVED

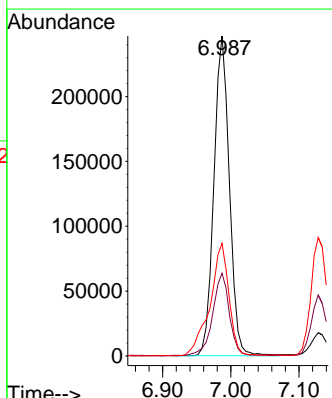
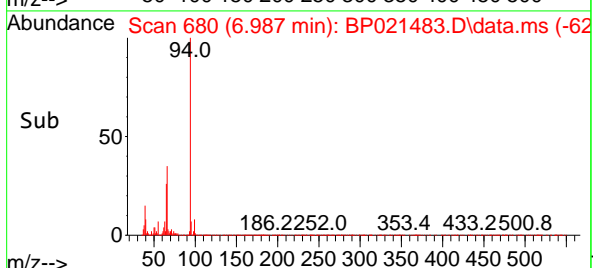
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

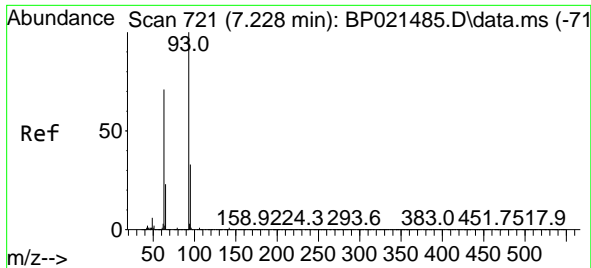


#10
Phenol
Concen: 9.945 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.000 min
Lab File: BP021483.D
Acq: 13 Aug 2024 13:59



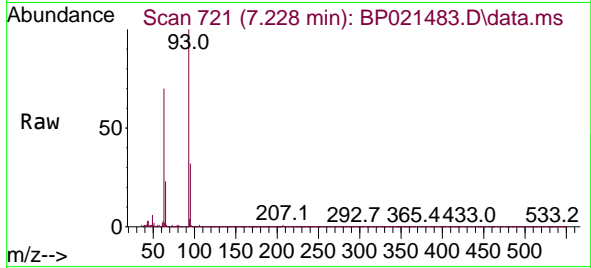
Tgt Ion: 94 Resp: 389958
Ion Ratio Lower Upper
94 100
65 25.9 6.5 46.5
66 35.2 14.7 54.7





#11
 bis(2-Chloroethyl)ether
 Concen: 10.456 ng
 RT: 7.228 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

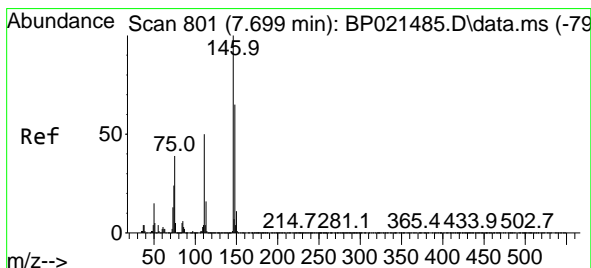
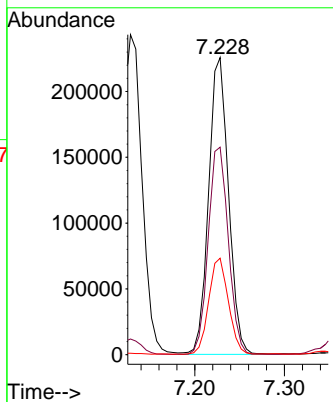
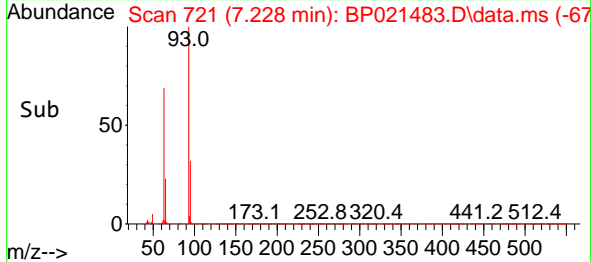


Tgt Ion: 93 Resp: 34694

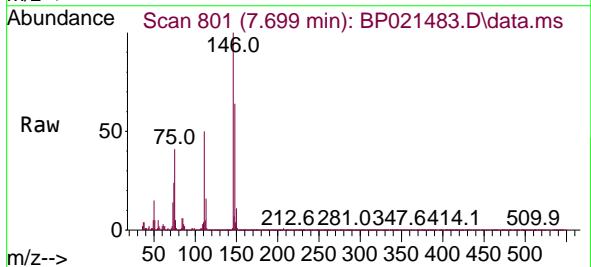
Ion	Ratio	Lower	Upper
93	100		
63	69.9	51.0	91.0
95	32.5	12.9	52.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

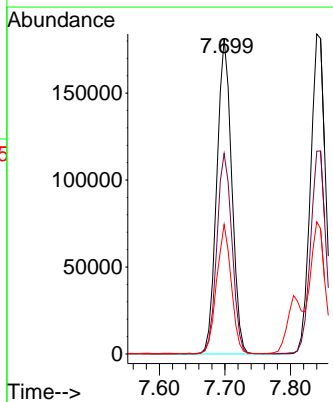
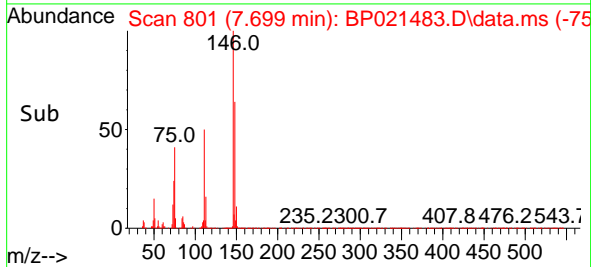


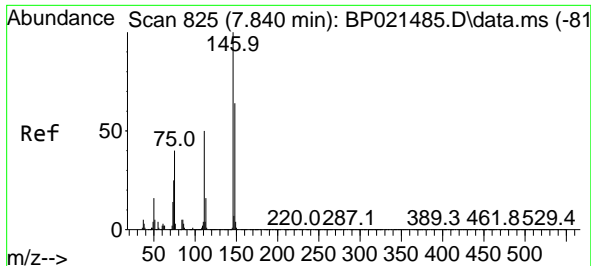
#12
 1,3-Dichlorobenzene
 Concen: 10.006 ng
 RT: 7.699 min Scan# 801
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



Tgt Ion:146 Resp: 285122

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
75	41.0	31.3	46.9





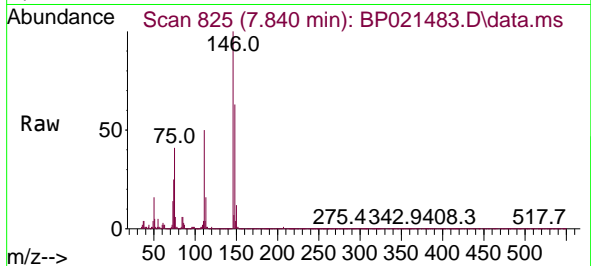
#13
 1,4-Dichlorobenzene
 Concen: 10.140 ng
 RT: 7.840 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument :

BNA_P

ClientSampleId :

SSTDIC010



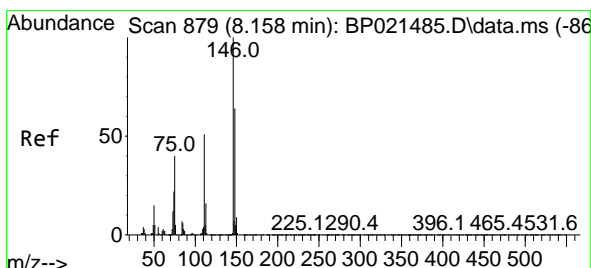
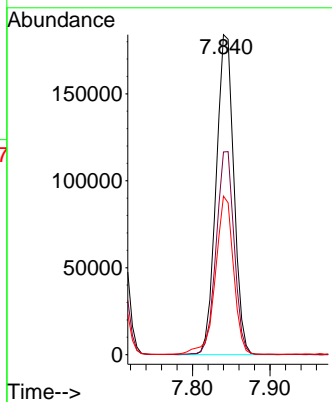
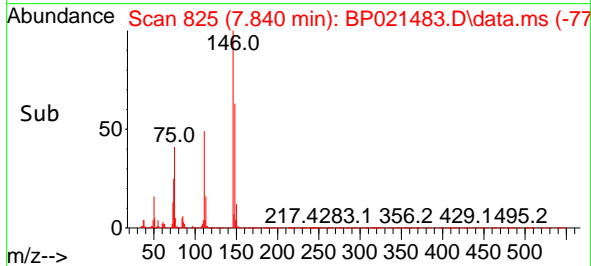
Tgt Ion:146 Resp: 29175
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.5 77.3
 111 49.6 40.3 60.5

Manual Integrations

APPROVED

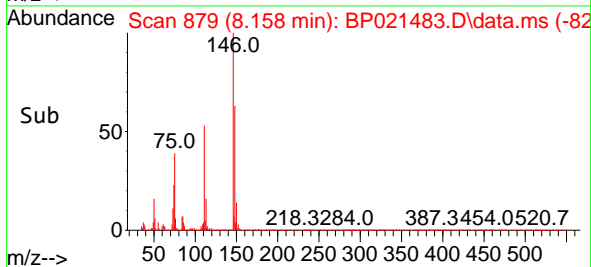
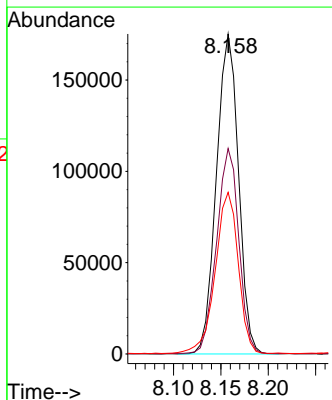
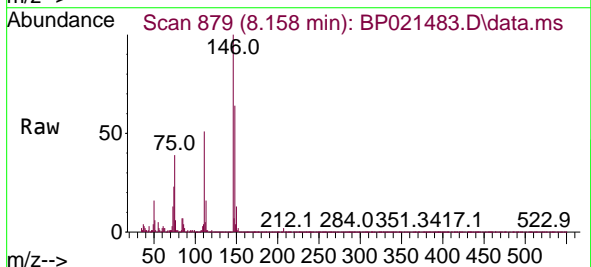
Reviewed By :Yogesh Patel 08/14/2024

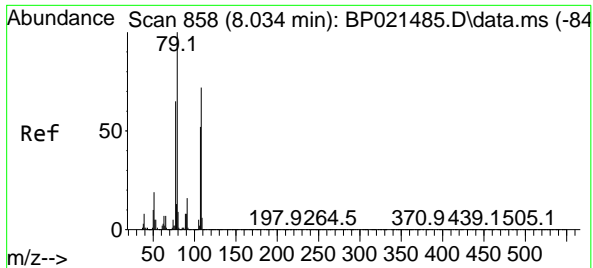
Supervised By :mohammad ahmed 08/14/2024



#14
 1,2-Dichlorobenzene
 Concen: 10.251 ng
 RT: 8.158 min Scan# 879
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

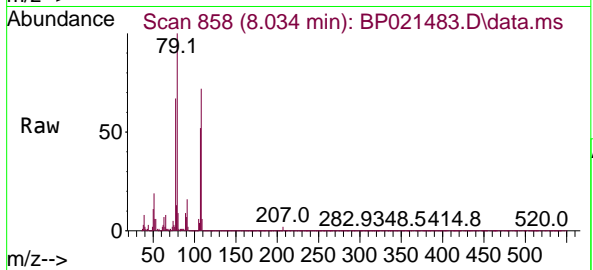
Tgt Ion:146 Resp: 284225
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.5 77.3
 111 50.5 41.1 61.7





#15
 Benzyl Alcohol
 Concen: 10.315 ng
 RT: 8.034 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC010

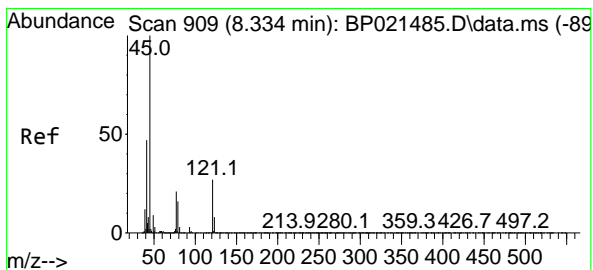
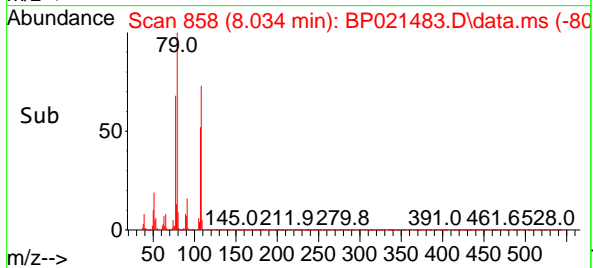
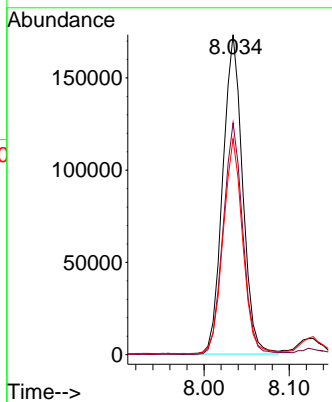


Tgt Ion: 79 Resp: 28025

Ion	Ratio	Lower	Upper
79	100		
108	72.4	57.9	86.9
77	67.5	51.8	77.8

Manual Integrations
 APPROVED

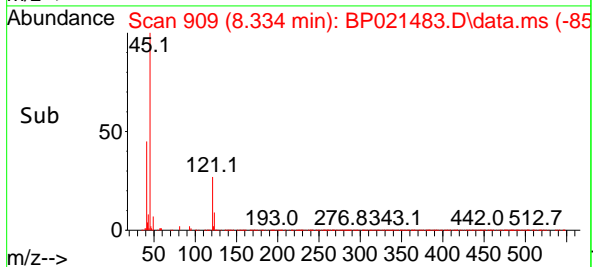
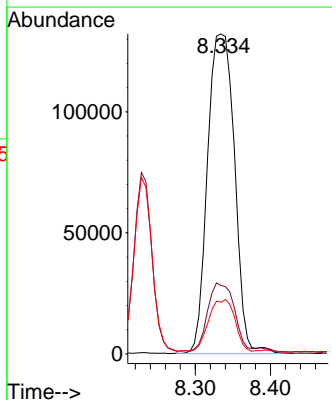
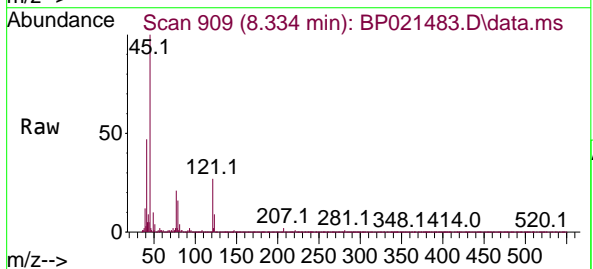
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

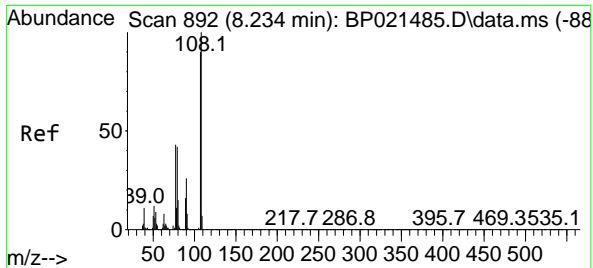


#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 10.822 ng m
 RT: 8.334 min Scan# 909
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Tgt Ion: 45 Resp: 330688

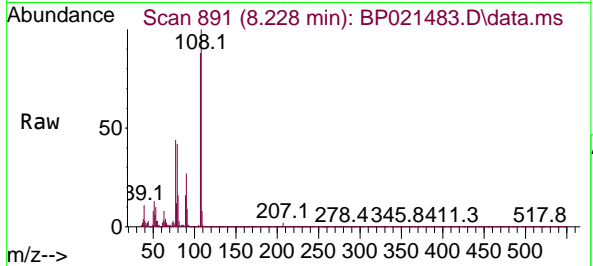
Ion	Ratio	Lower	Upper
45	100		
77	21.4	1.9	41.9
79	16.1	0.0	36.6





#17
 2-Methylphenol
 Concen: 10.205 ng
 RT: 8.228 min Scan# 891
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC010

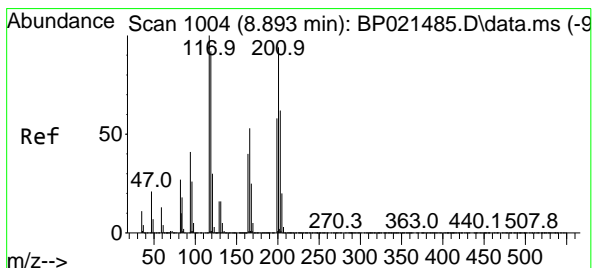
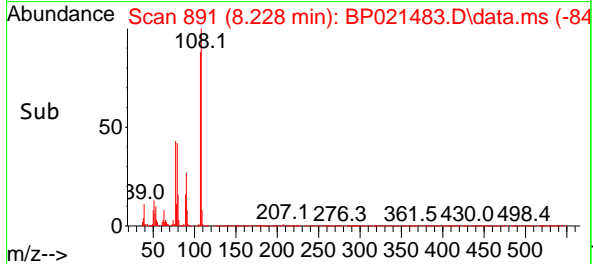
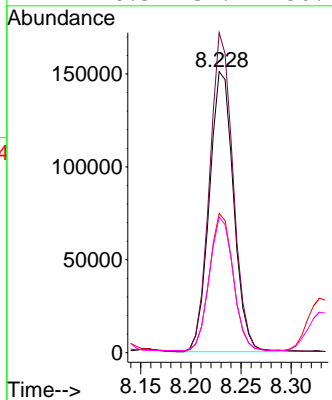


Tgt Ion: 107 Resp: 25297

Ion	Ratio	Lower	Upper
107	100		
108	113.8	88.8	133.2
77	49.5	38.7	58.1
79	48.3	37.4	56.2

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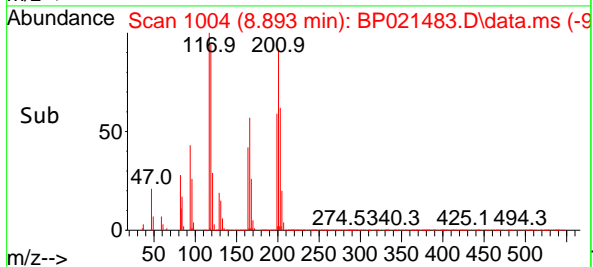
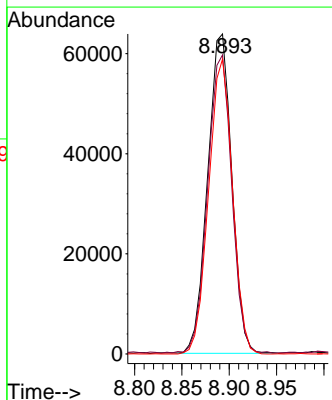
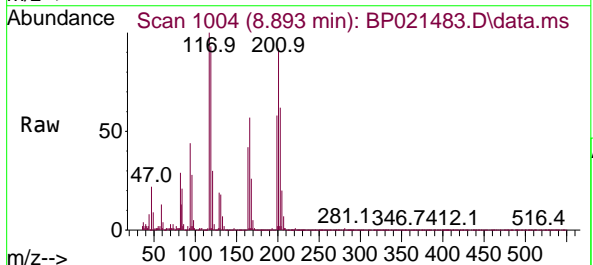
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

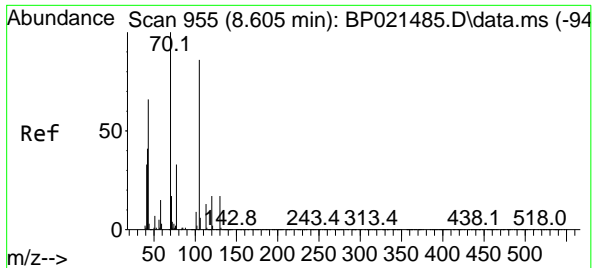


#18
 Hexachloroethane
 Concen: 9.855 ng
 RT: 8.893 min Scan# 1004
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Tgt Ion: 117 Resp: 113709

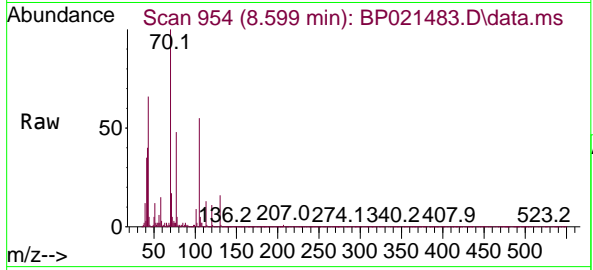
Ion	Ratio	Lower	Upper
117	100		
119	93.5	73.9	110.9
201	92.1	74.9	112.3





#19
 n-Nitroso-di-n-propylamine
 Concen: 11.459 ng
 RT: 8.599 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC010

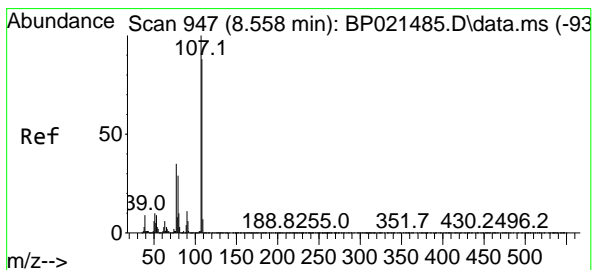
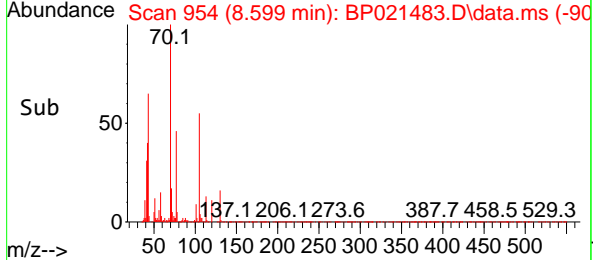
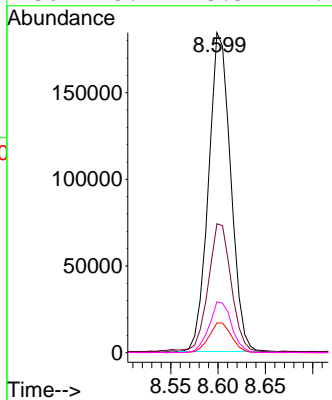


Tgt Ion: 70 Resp: 299730

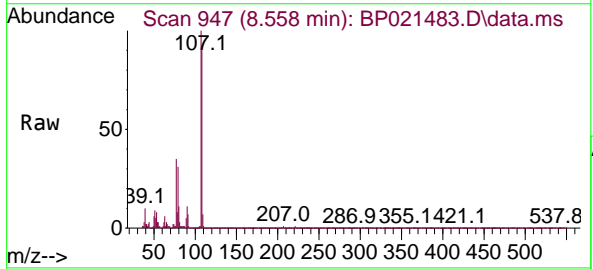
Ion	Ratio	Lower	Upper
70	100		
42	40.3	33.1	49.7
101	9.3	7.4	11.2
130	15.9	13.3	19.9

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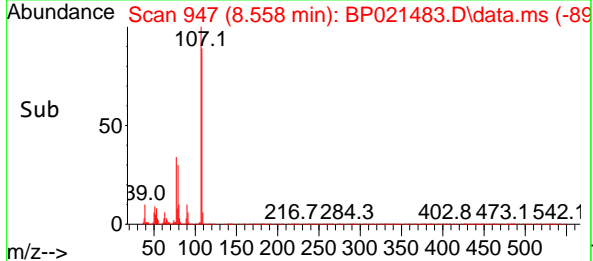
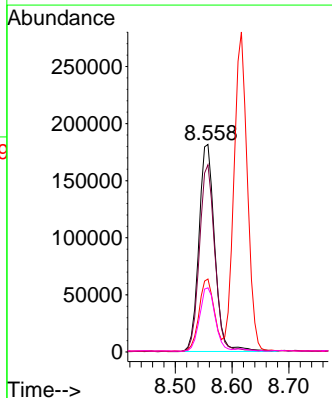


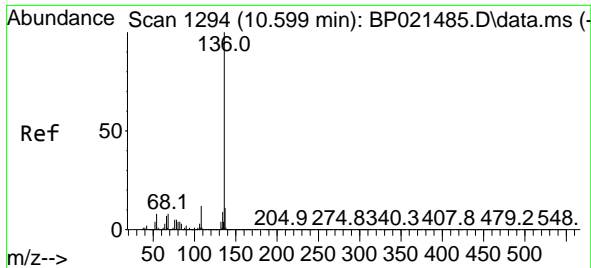
#20
 3+4-Methylphenols
 Concen: 10.496 ng
 RT: 8.558 min Scan# 947
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



Tgt Ion:107 Resp: 350826

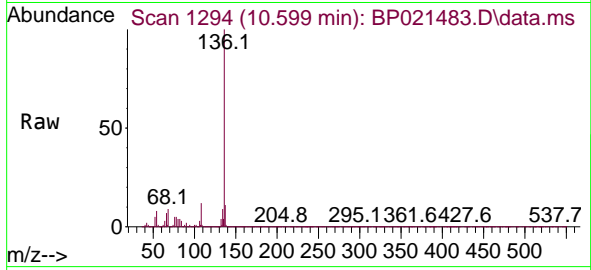
Ion	Ratio	Lower	Upper
107	100		
108	90.2	67.6	107.6
77	35.1	15.0	55.0
79	30.9	8.9	48.9





#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.599 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

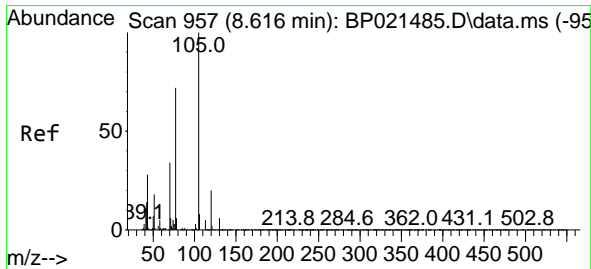
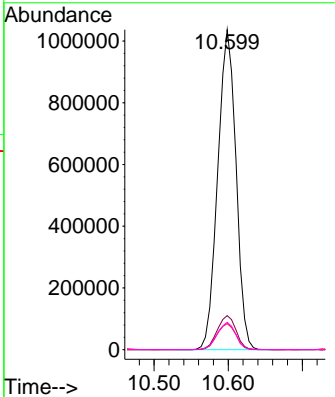
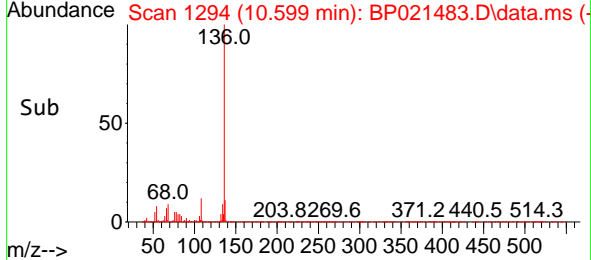
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC010



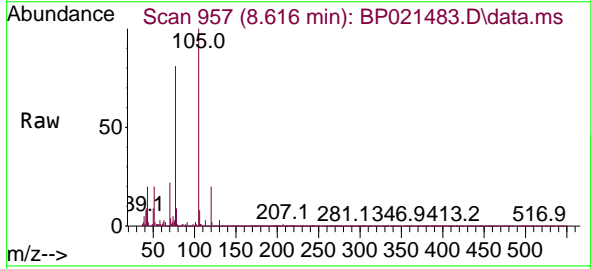
Tgt Ion:136 Resp: 177228

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.2	6.3	9.5
68	8.6	6.8	10.2

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 Supervised By :mohammad ahmed 08/14/2024

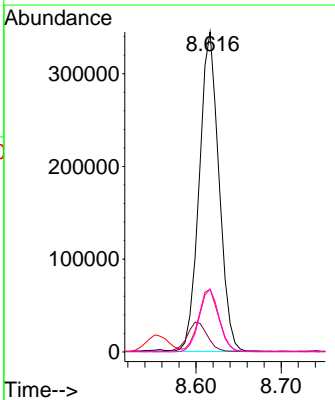
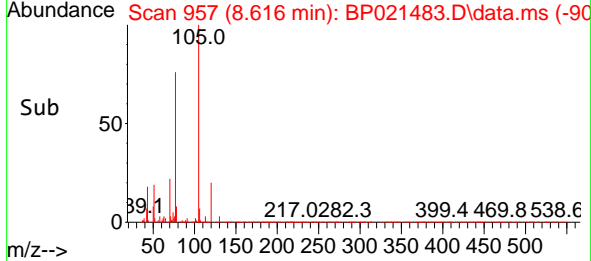


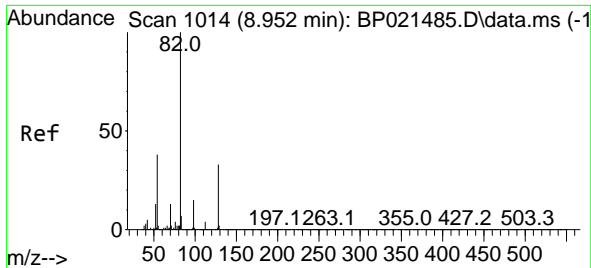
#22
 Acetophenone
 Concen: 10.104 ng
 RT: 8.616 min Scan# 957
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



Tgt Ion:105 Resp: 550125

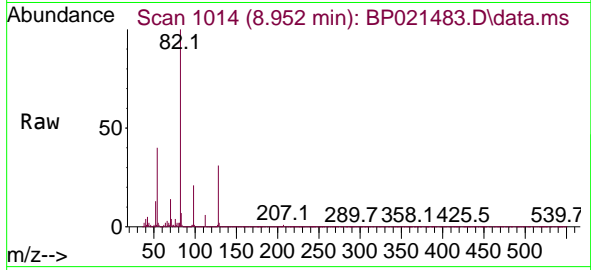
Ion	Ratio	Lower	Upper
105	100		
71	3.7	4.6	7.0#
51	19.6	16.3	24.5
120	19.6	16.2	24.2





#23
 Nitrobenzene-d5
 Concen: 17.479 ng
 RT: 8.952 min Scan# 1014
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

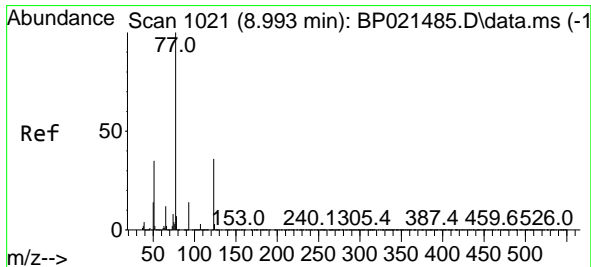
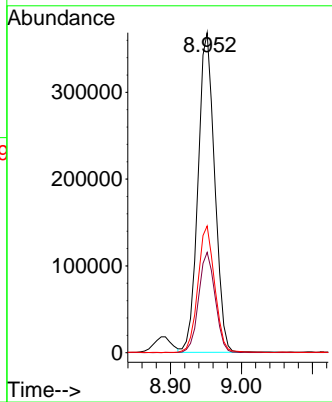
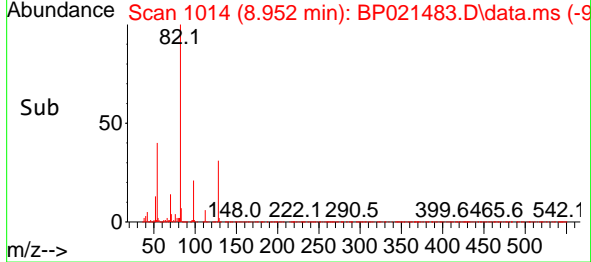
Instrument : BNA_P
 Client Sample Id : SSTDIC010



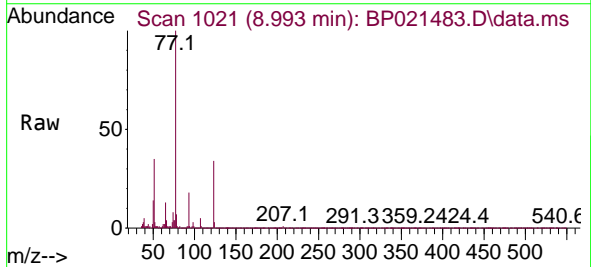
Tgt Ion: 82 Resp: 60015
 Ion Ratio Lower Upper
 82 100
 128 31.4 26.5 39.7
 54 39.6 30.3 45.5

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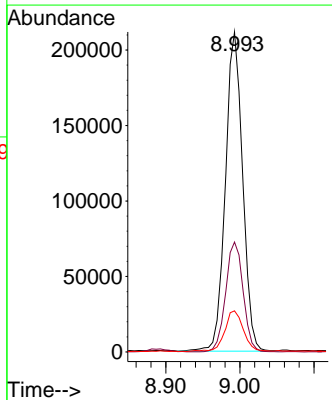
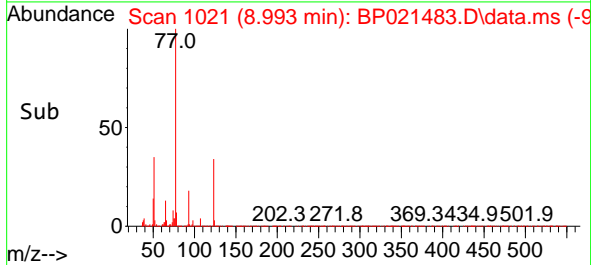
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

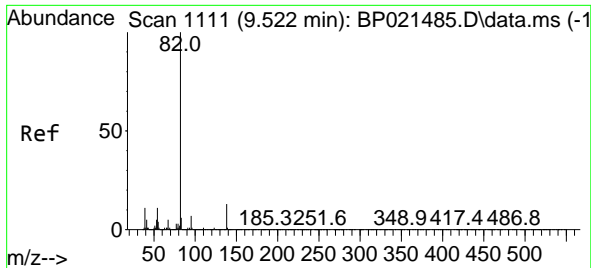


#24
 Nitrobenzene
 Concen: 9.156 ng
 RT: 8.993 min Scan# 1021
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



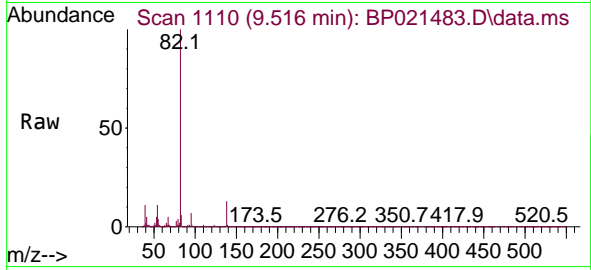
Tgt Ion: 77 Resp: 341460
 Ion Ratio Lower Upper
 77 100
 123 34.3 29.5 44.3
 65 12.9 9.9 14.9





#25
 Isophorone
 Concen: 10.593 ng
 RT: 9.516 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

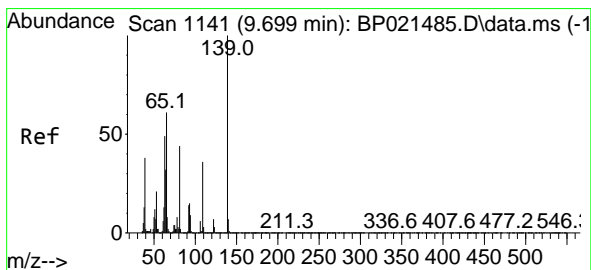
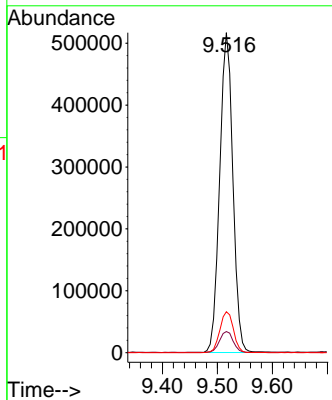
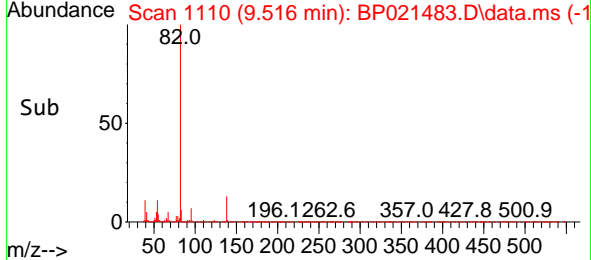
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC010



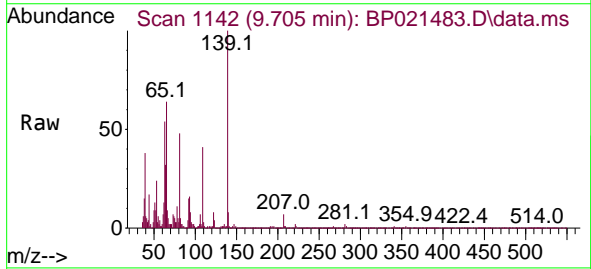
Tgt Ion: 82 Resp: 85929
 Ion Ratio Lower Upper
 82 100
 95 6.6 5.4 8.2
 138 12.8 10.6 16.0

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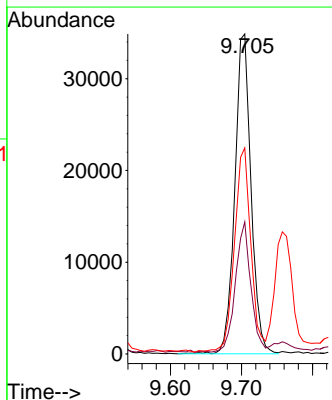
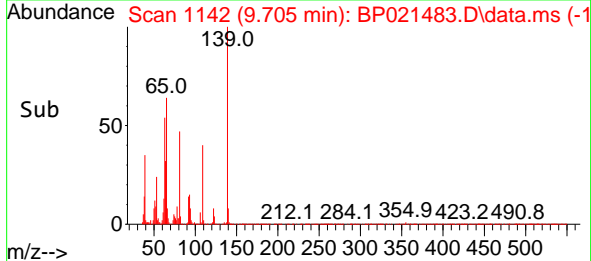
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

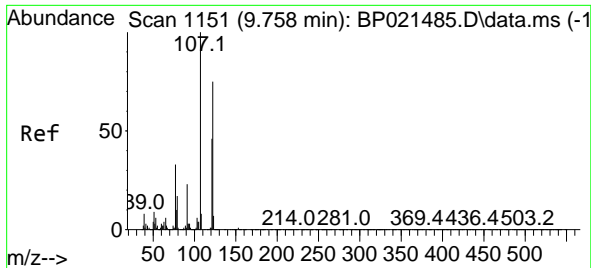


#26
 2-Nitrophenol
 Concen: 10.066 ng
 RT: 9.705 min Scan# 1142
 Delta R.T. 0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



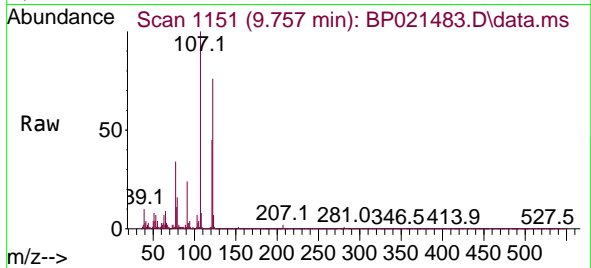
Tgt Ion:139 Resp: 55468
 Ion Ratio Lower Upper
 139 100
 109 41.2 28.9 43.3
 65 64.4 49.0 73.6





#27
 2,4-Dimethylphenol
 Concen: 9.962 ng
 RT: 9.757 min Scan# 1151
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

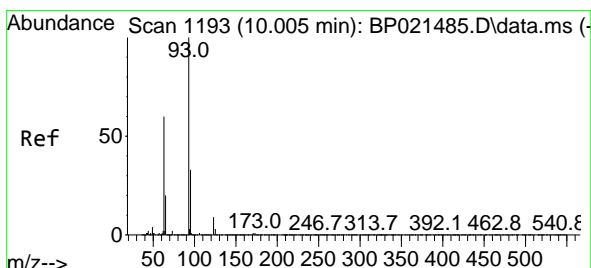
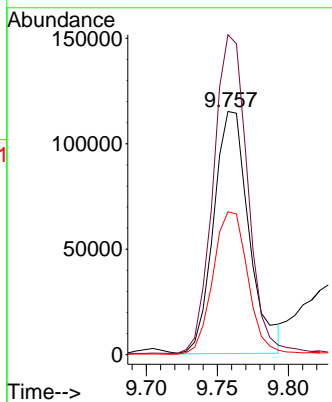
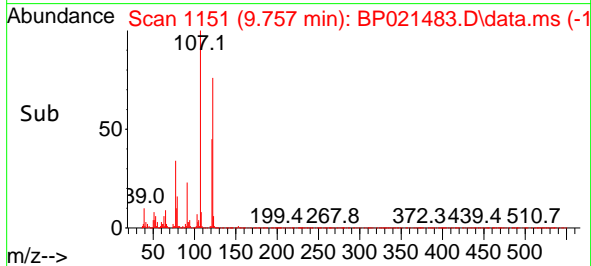
Instrument : BNA_P
 Client Sample Id : SSTDICC010



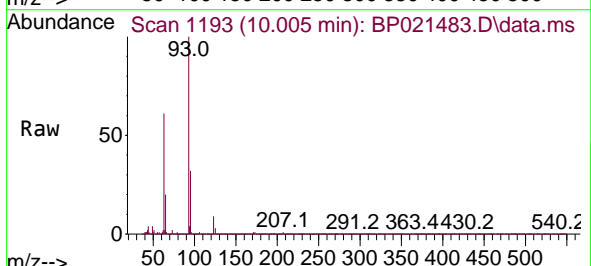
Tgt Ion: 122 Resp: 199430
 Ion Ratio Lower Upper
 122 100
 107 131.6 106.2 159.4
 121 58.8 48.8 73.2

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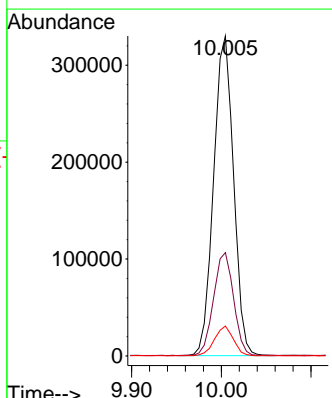
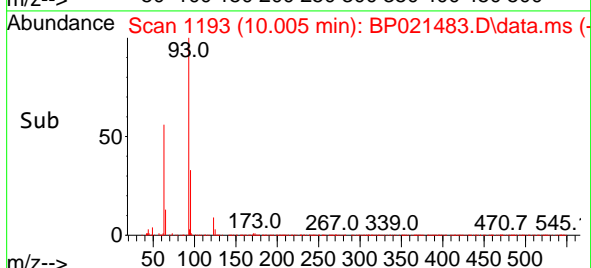
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

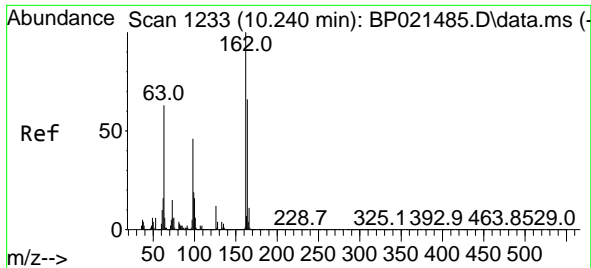


#28
 bis(2-Chloroethoxy)methane
 Concen: 10.270 ng
 RT: 10.005 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



Tgt Ion: 93 Resp: 508512
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.2 39.4
 123 9.4 7.6 11.4





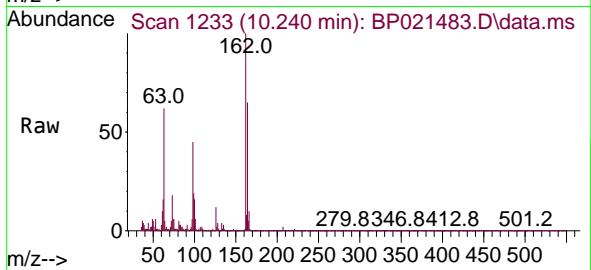
#29
 2,4-Dichlorophenol
 Concen: 9.322 ng
 RT: 10.240 min Scan# 1233
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument :

BNA_P

Client Sample Id :

SSTDIC010



Tgt Ion:162 Resp: 220504

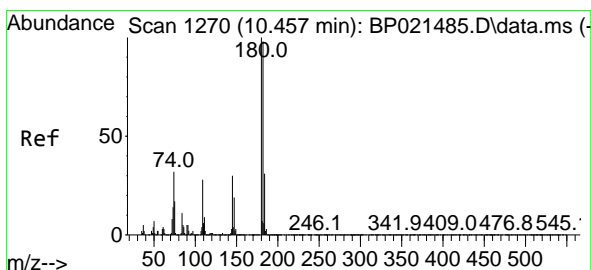
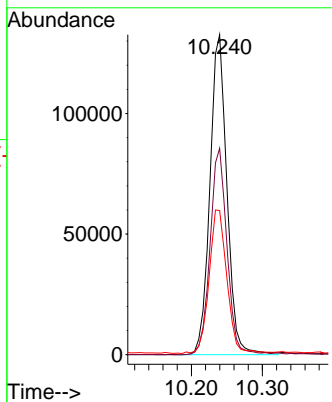
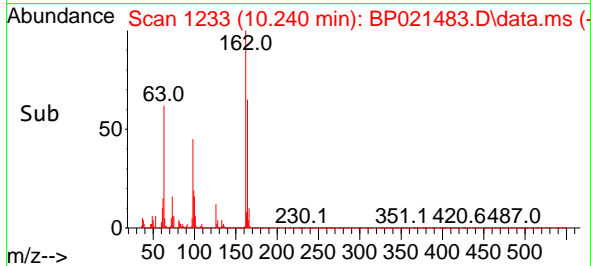
Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.9	85.9
98	45.0	26.3	66.3

Manual Integrations

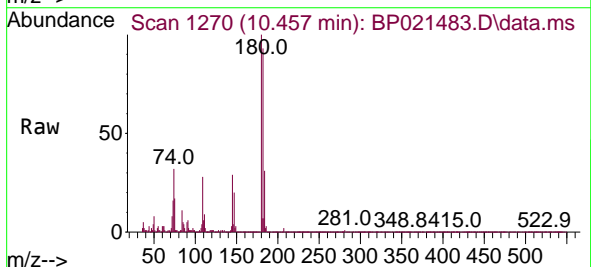
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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024

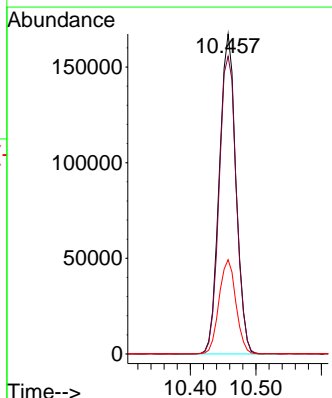
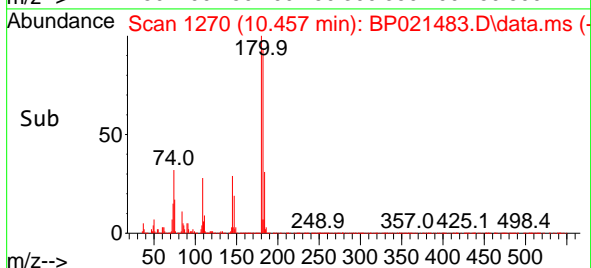


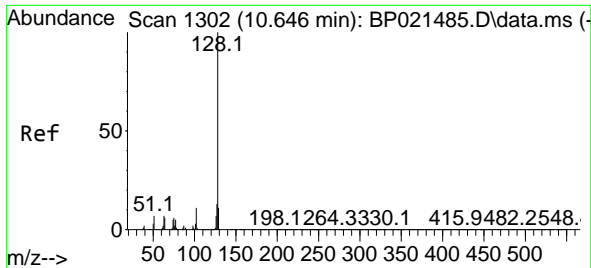
#30
 1,2,4-Trichlorobenzene
 Concen: 9.689 ng
 RT: 10.457 min Scan# 1270
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



Tgt Ion:180 Resp: 293816

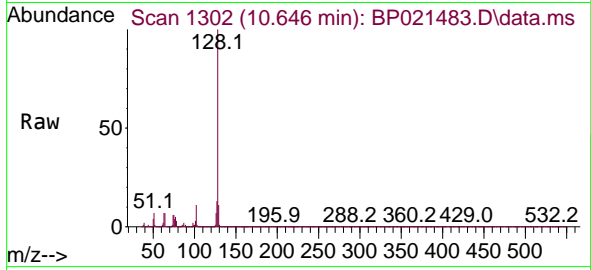
Ion	Ratio	Lower	Upper
180	100		
182	93.0	78.3	117.5
145	29.5	24.0	36.0





#31
 Naphthalene
 Concen: 9.962 ng
 RT: 10.646 min Scan# 1163
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

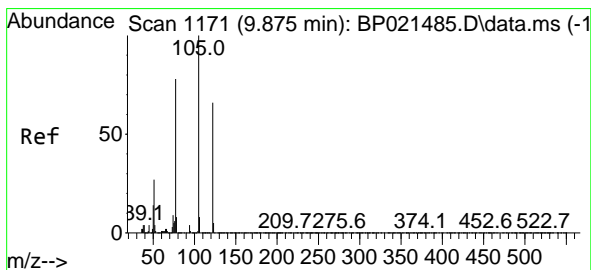
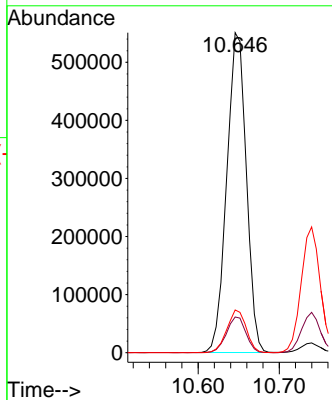
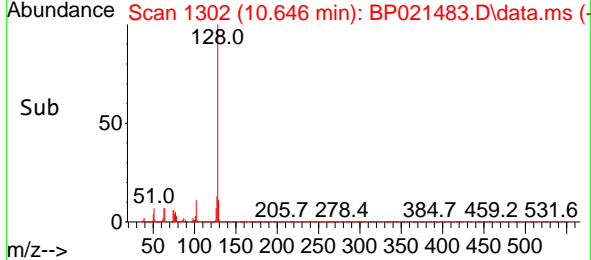
Instrument : BNA_P
 Client Sample Id : SSTDICC010



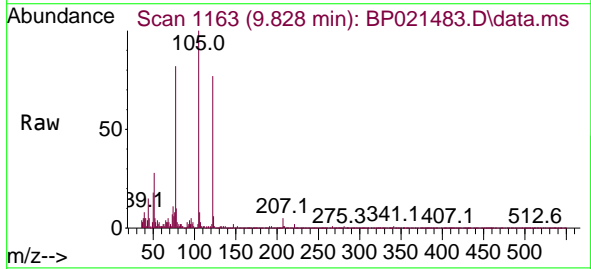
Tgt Ion:128 Resp: 92230
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.6 12.8
 127 13.4 10.6 15.8

Manual Integrations
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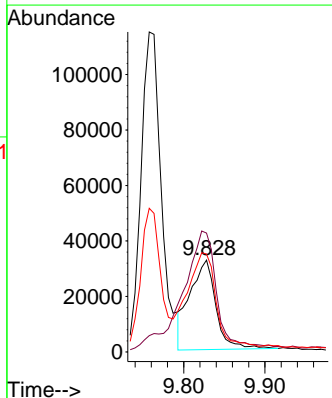
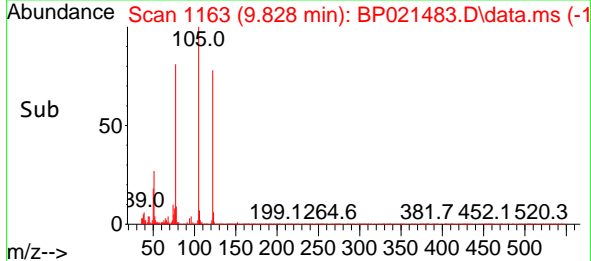
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

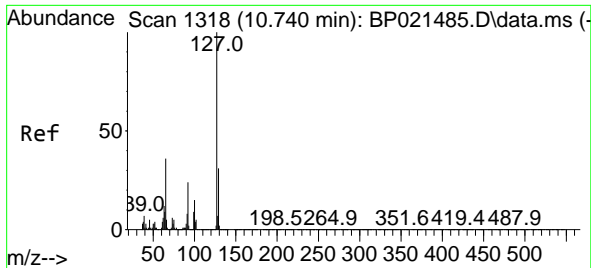


#32
 Benzoic acid
 Concen: 10.529 ng
 RT: 9.828 min Scan# 1163
 Delta R.T. -0.047 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



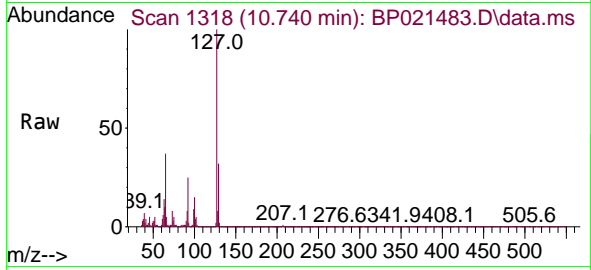
Tgt Ion:122 Resp: 72405
 Ion Ratio Lower Upper
 122 100
 105 129.6 124.6 164.6
 77 106.7 96.2 136.2





#33
 4-Chloroaniline
 Concen: 10.269 ng
 RT: 10.740 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC010

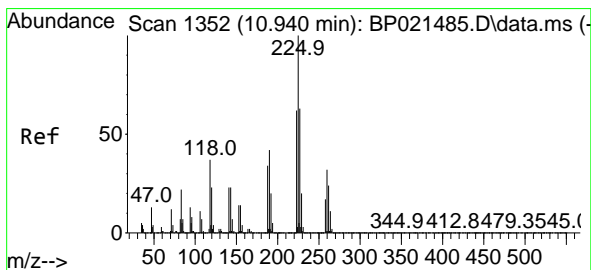
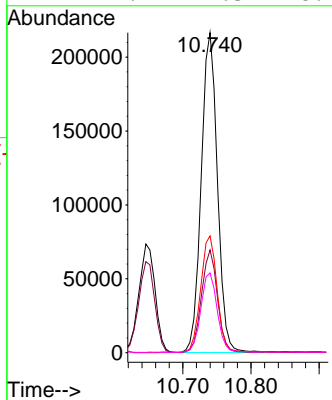
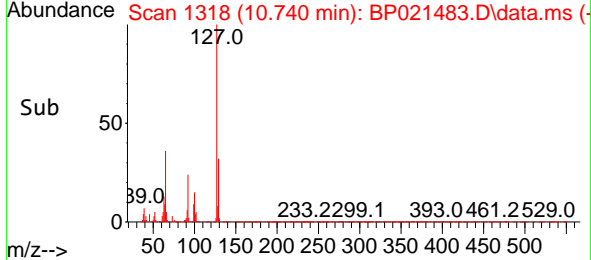


Tgt Ion: 127 Resp: 357120

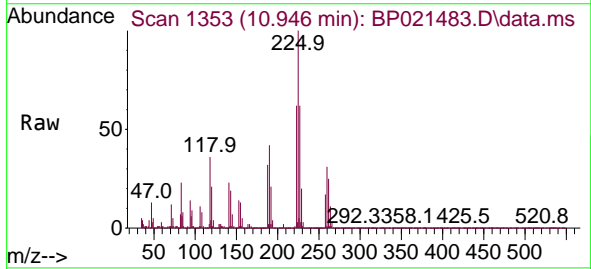
Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.5	36.7
65	36.5	28.9	43.3
92	24.9	19.3	28.9

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

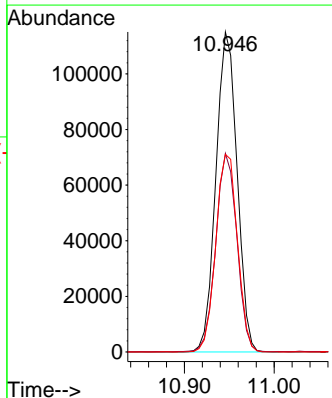
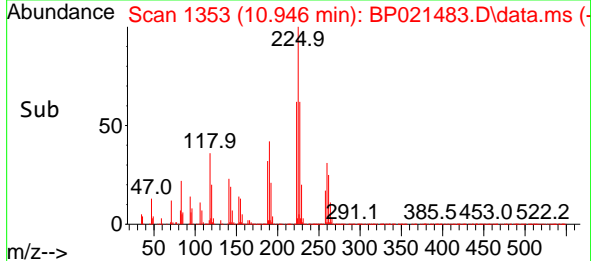


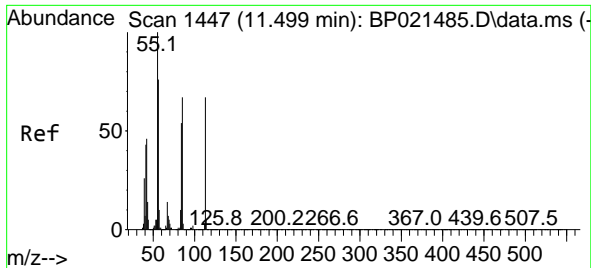
#34
 Hexachlorobutadiene
 Concen: 9.867 ng
 RT: 10.946 min Scan# 1353
 Delta R.T. 0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



Tgt Ion: 225 Resp: 188389

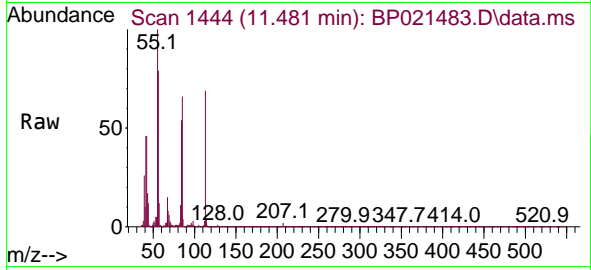
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.6	74.4
227	61.7	50.1	75.1





#35
 Caprolactam
 Concen: 10.344 ng
 RT: 11.481 min Scan# 1447
 Delta R.T. -0.018 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

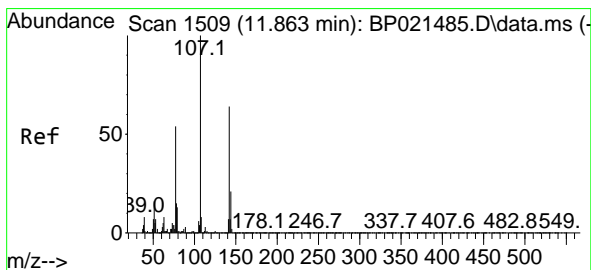
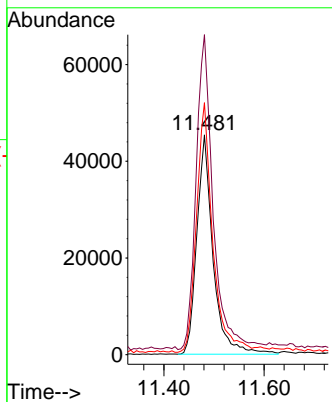
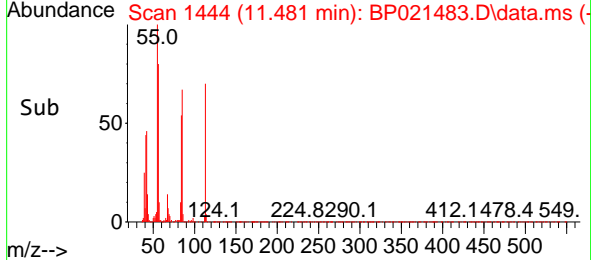
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010



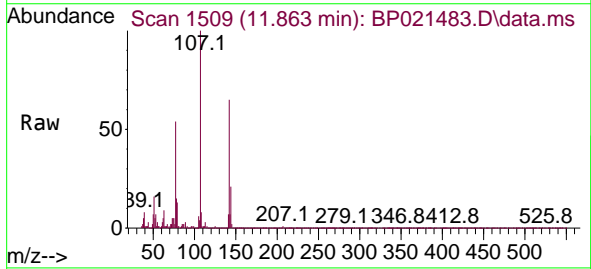
Tgt Ion:113 Resp: 101824
 Ion Ratio Lower Upper
 113 100
 55 145.6 130.6 170.6
 56 114.6 94.6 134.6

Manual Integrations
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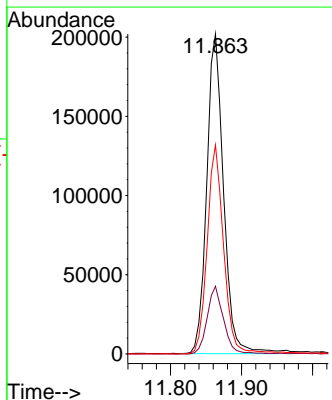
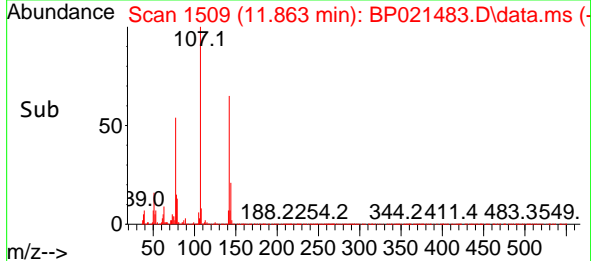
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

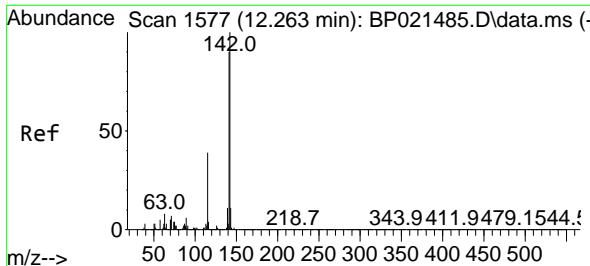


#36
 4-Chloro-3-methylphenol
 Concen: 10.122 ng
 RT: 11.863 min Scan# 1509
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



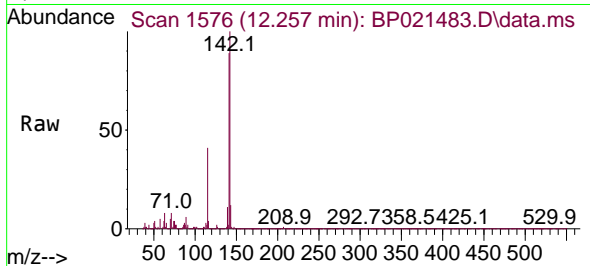
Tgt Ion:107 Resp: 332115
 Ion Ratio Lower Upper
 107 100
 144 21.2 16.6 24.8
 142 65.3 51.0 76.4





#37
 2-Methylnaphthalene
 Concen: 10.407 ng
 RT: 12.257 min Scan# 1613
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

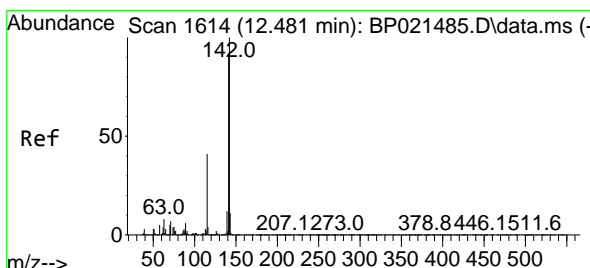
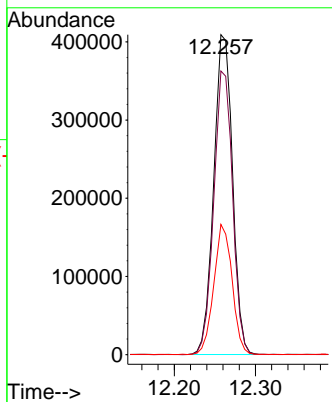
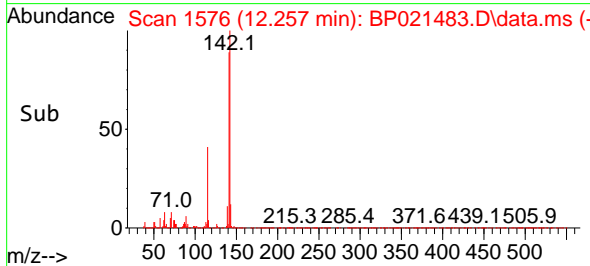
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC010



Tgt Ion:142 Resp: 657592
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.7 107.5
 115 40.7 31.4 47.2

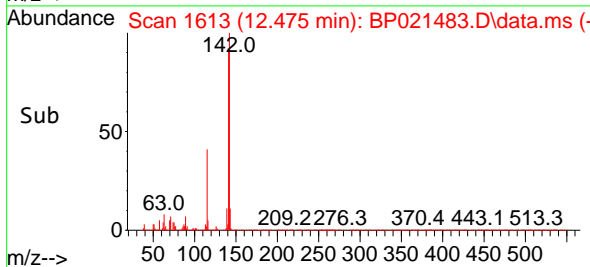
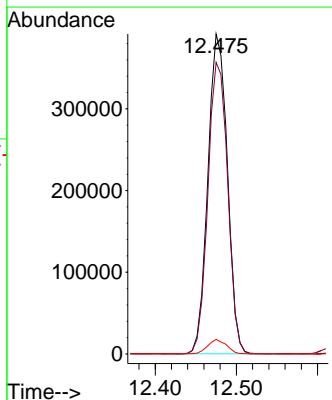
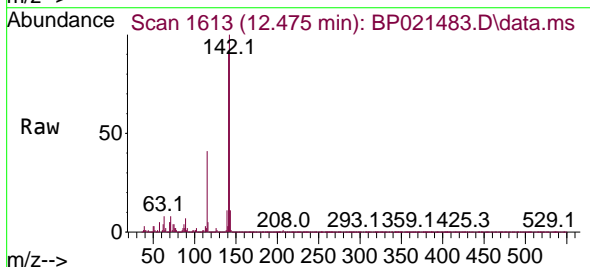
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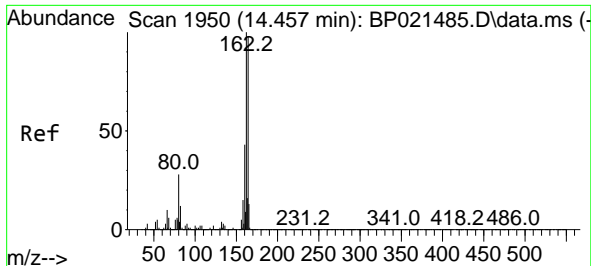
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#38
 1-Methylnaphthalene
 Concen: 10.453 ng
 RT: 12.475 min Scan# 1613
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Tgt Ion:142 Resp: 651444
 Ion Ratio Lower Upper
 142 100
 141 91.1 73.5 110.3
 116 4.5 3.4 5.2





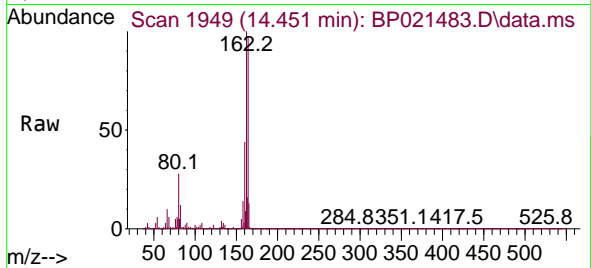
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.451 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument :

BNA_P

Client Sample Id :

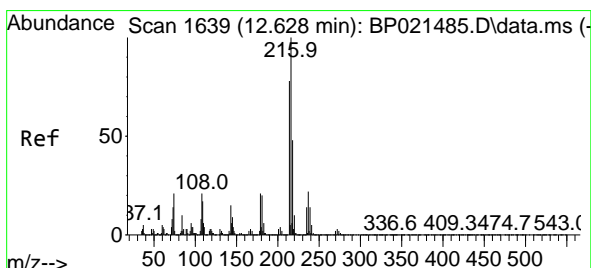
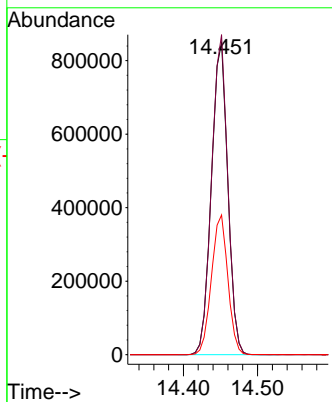
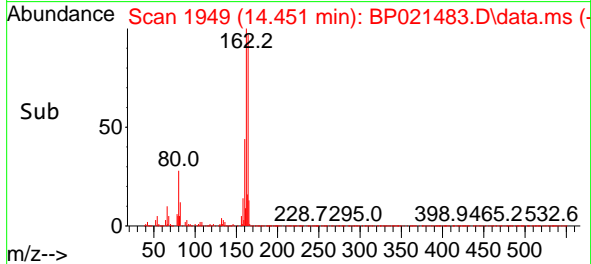
SSTDICC010



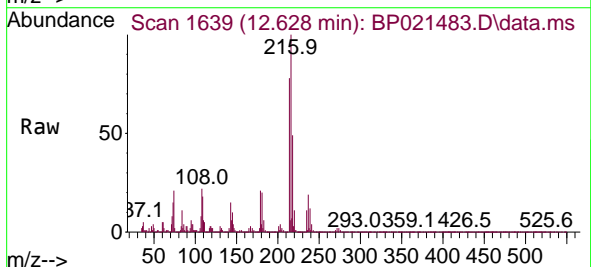
Tgt Ion:164 Resp: 1303990
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.5 122.3
 160 44.8 35.2 52.8

Manual Integrations
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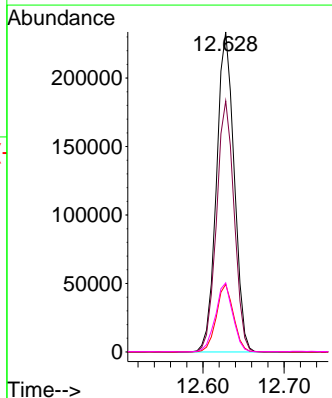
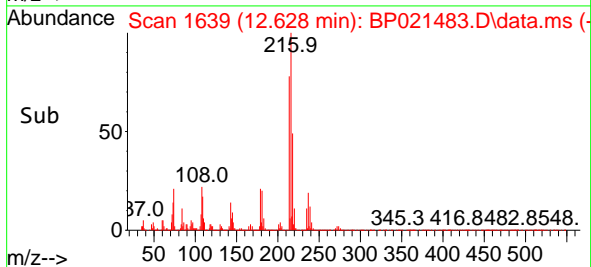
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

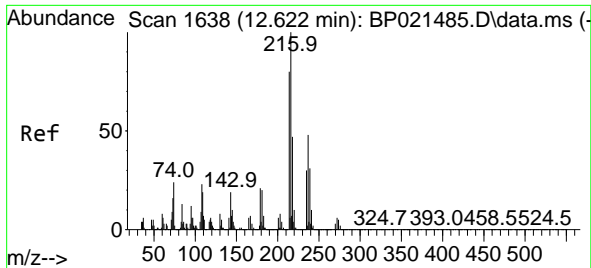


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.274 ng
 RT: 12.628 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



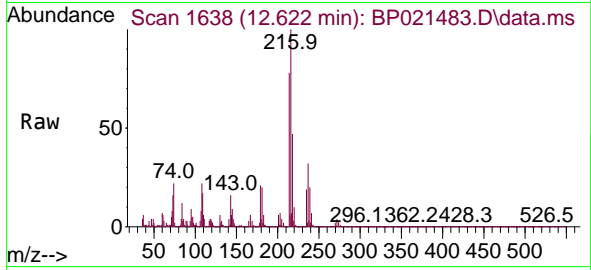
Tgt Ion:216 Resp: 354329
 Ion Ratio Lower Upper
 216 100
 214 78.1 62.5 93.7
 179 20.4 16.4 24.6
 108 21.1 16.7 25.1





#41
 Hexachlorocyclopentadiene
 Concen: 8.236 ng
 RT: 12.622 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument : BNA_P
 Client Sample Id : SSTDICC010

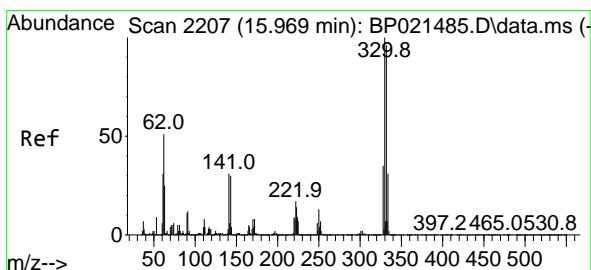
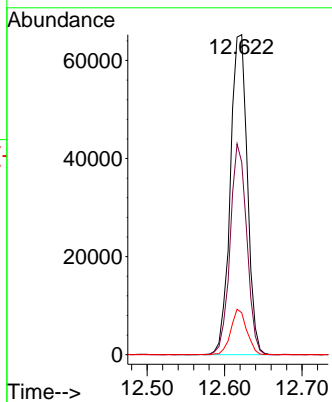
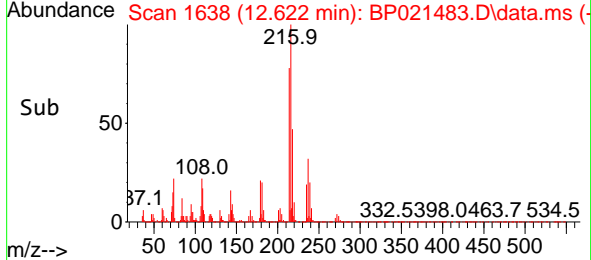


Tgt Ion: 237 Resp: 99734

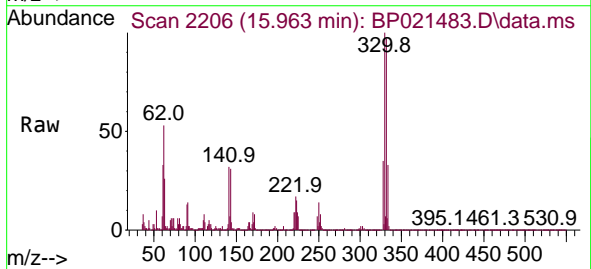
Ion	Ratio	Lower	Upper
237	100		
235	60.1	43.9	83.9
272	13.1	0.0	33.3

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

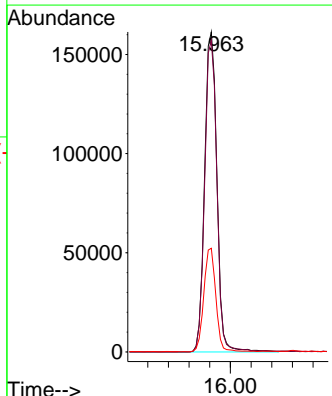
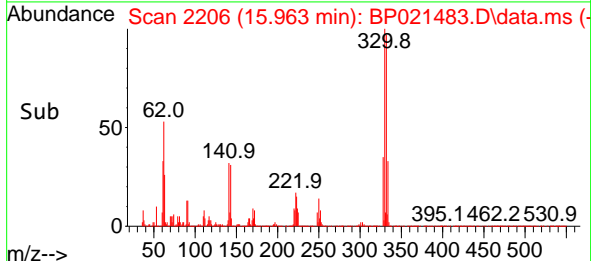


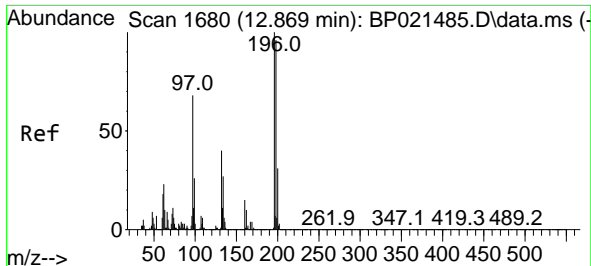
#42
 2,4,6-Tribromophenol
 Concen: 18.334 ng
 RT: 15.963 min Scan# 2206
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



Tgt Ion: 330 Resp: 266074

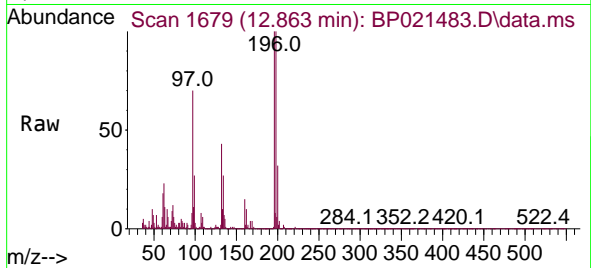
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	31.7	24.5	36.7





#43
 2,4,6-Trichlorophenol
 Concen: 8.718 ng
 RT: 12.863 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument : BNA_P
 Client Sample Id : SSTDICC010

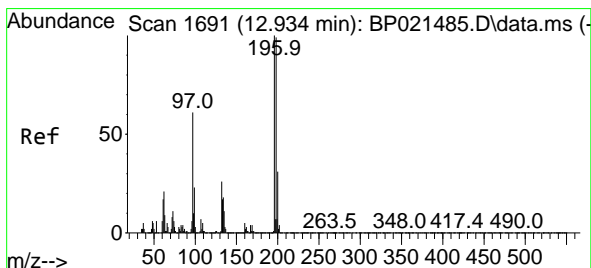
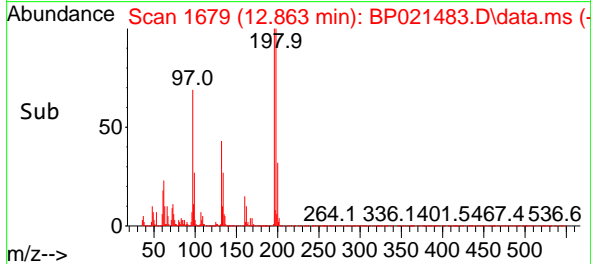
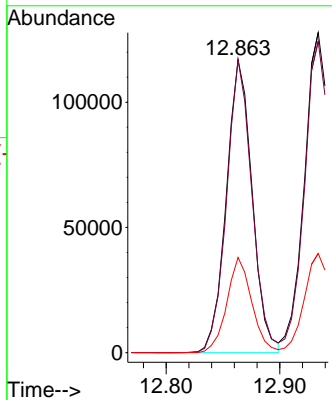


Tgt Ion:196 Resp: 18503

Ion	Ratio	Lower	Upper
196	100		
198	100.1	76.6	114.8
200	32.5	24.5	36.7

Manual Integrations
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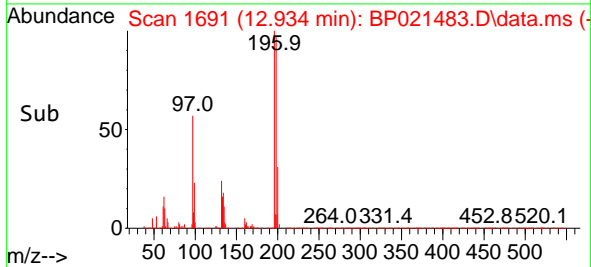
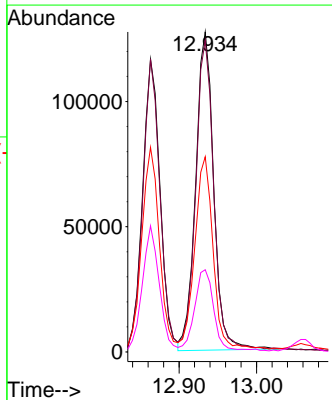
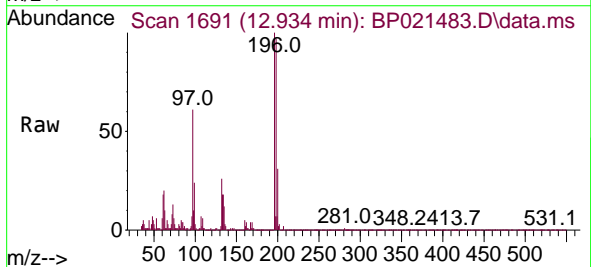
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

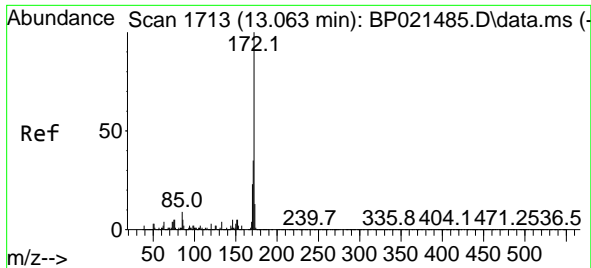


#44
 2,4,5-Trichlorophenol
 Concen: 8.741 ng
 RT: 12.934 min Scan# 1691
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Tgt Ion:196 Resp: 206114

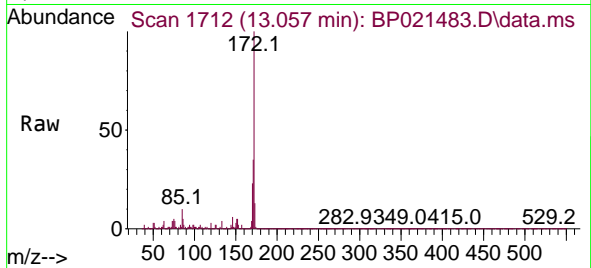
Ion	Ratio	Lower	Upper
196	100		
198	97.3	78.9	118.3
97	61.0	49.4	74.0
132	25.7	21.1	31.7





#45
 2-Fluorobiphenyl
 Concen: 20.051 ng
 RT: 13.057 min Scan# 1712
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

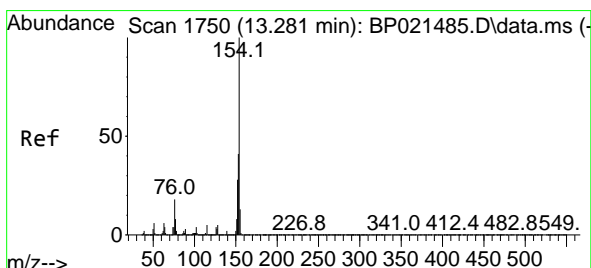
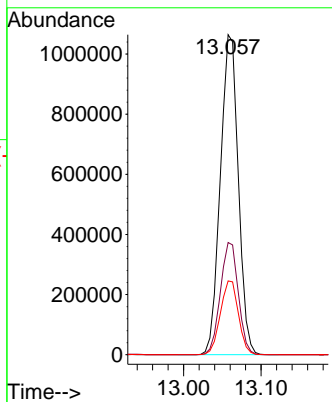
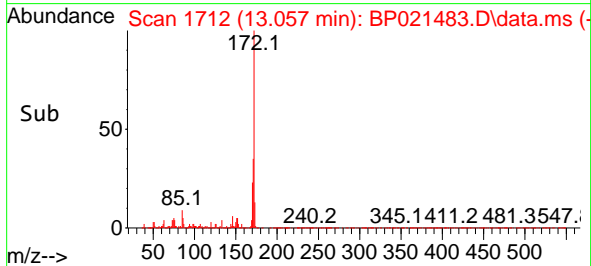
Instrument : BNA_P
 Client Sample Id : SSTDICC010



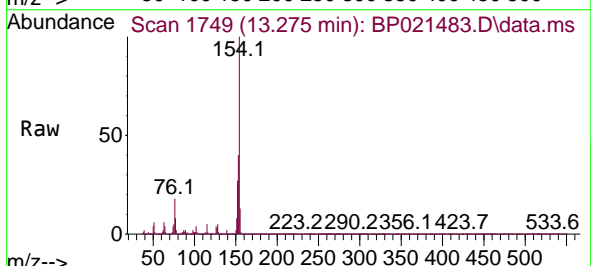
Tgt Ion: 172 Resp: 1713235
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.2 42.4
 170 23.1 18.4 27.6

Manual Integrations
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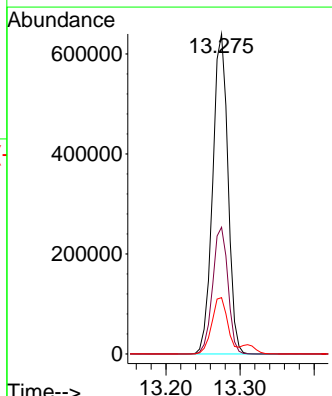
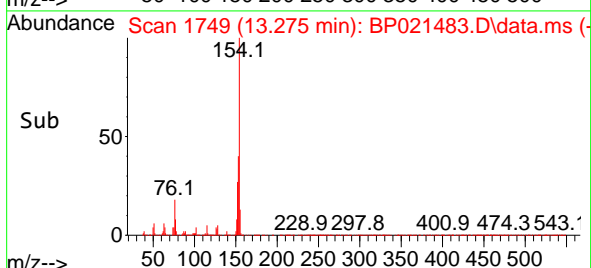
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

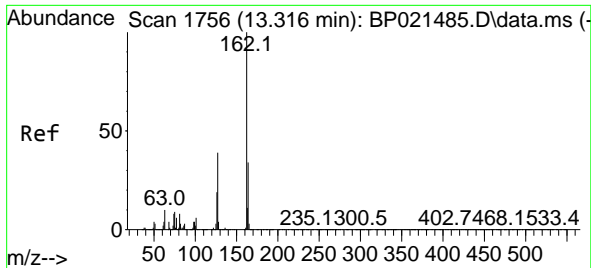


#46
 1,1'-Biphenyl
 Concen: 9.894 ng
 RT: 13.275 min Scan# 1749
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



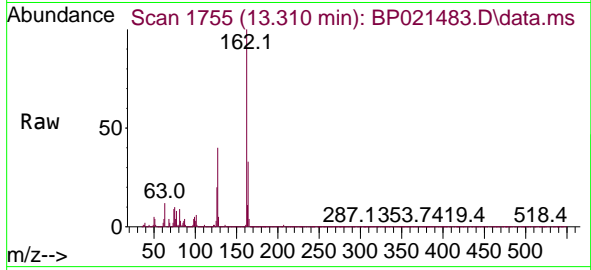
Tgt Ion: 154 Resp: 912835
 Ion Ratio Lower Upper
 154 100
 153 39.6 20.7 60.7
 76 17.6 0.0 37.7





#47
 2-Chloronaphthalene
 Concen: 9.759 ng
 RT: 13.310 min Scan# 1755
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument : BNA_P
 Client Sample Id : SSTDICC010

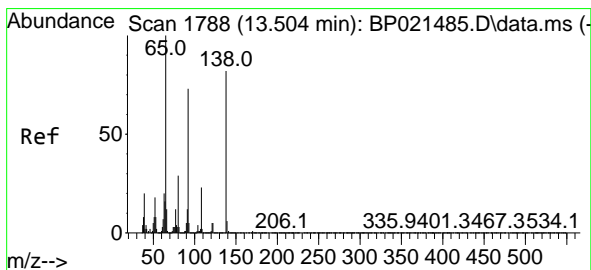
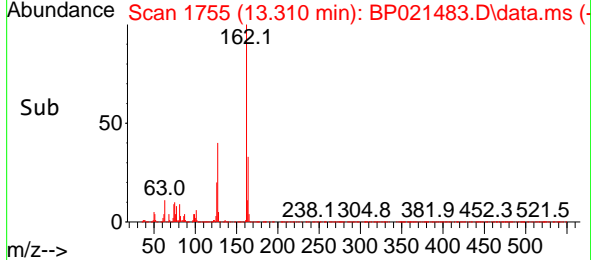
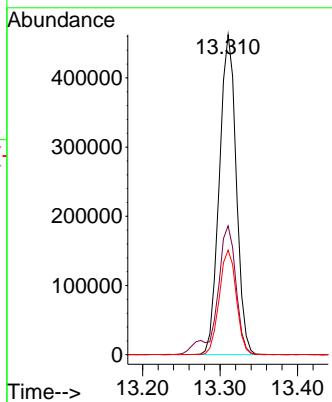


Tgt Ion: 162 Resp: 70095

Ion	Ratio	Lower	Upper
162	100		
127	40.2	31.9	47.9
164	32.6	26.8	40.2

Manual Integrations
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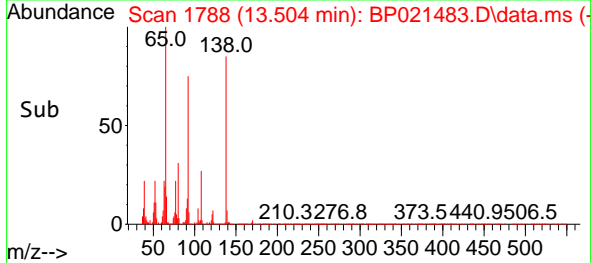
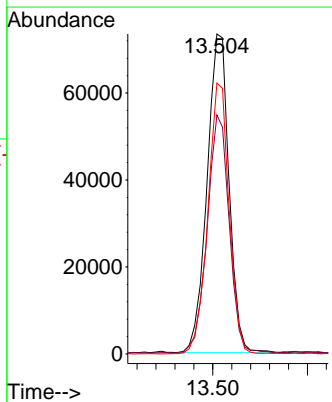
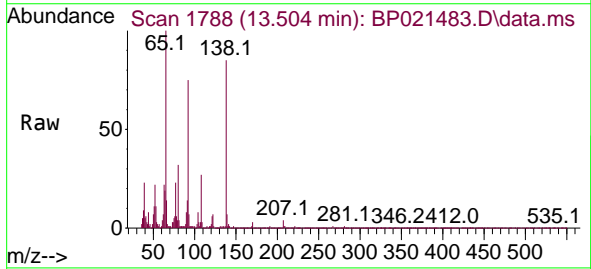
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

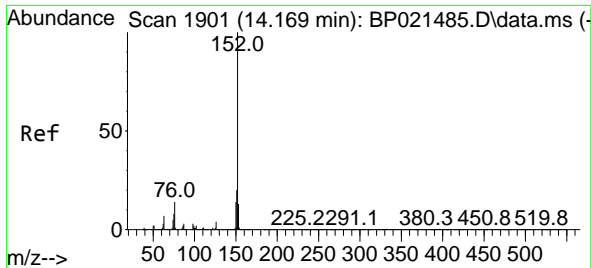


#48
 2-Nitroaniline
 Concen: 10.374 ng
 RT: 13.504 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Tgt Ion: 65 Resp: 117865

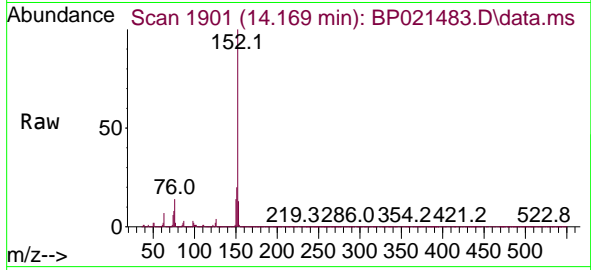
Ion	Ratio	Lower	Upper
65	100		
92	74.7	58.1	87.1
138	84.7	65.5	98.3





#49
 Acenaphthylene
 Concen: 9.941 ng
 RT: 14.169 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument : BNA_P
 Client Sample Id : SSTDIC010

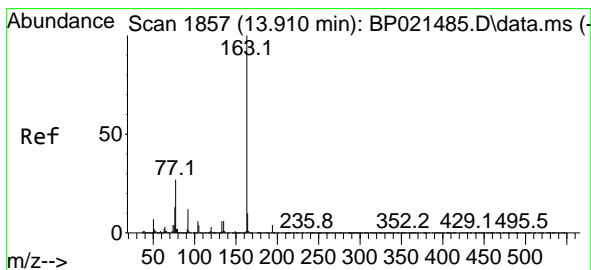
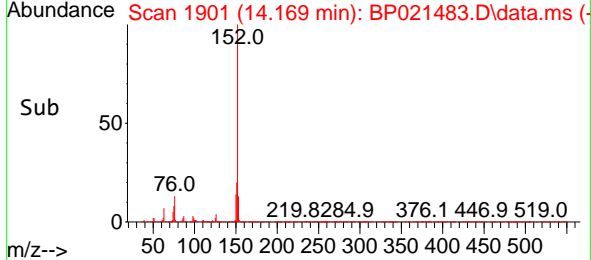
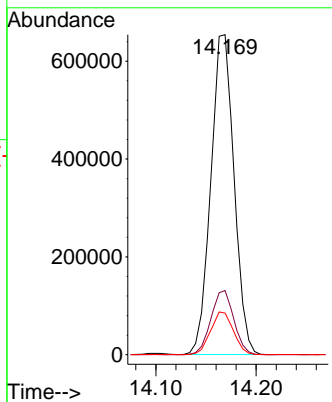


Tgt Ion: 152 Resp: 104961

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.0	10.6	16.0

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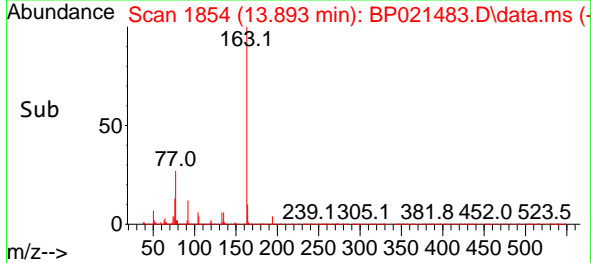
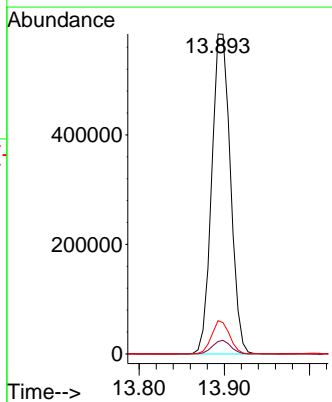
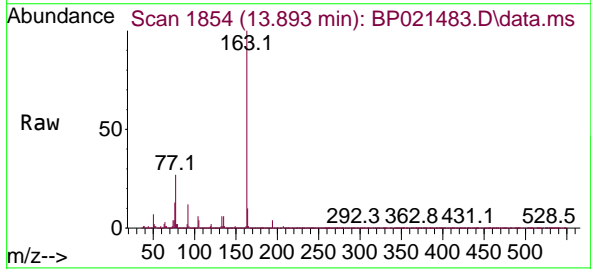
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

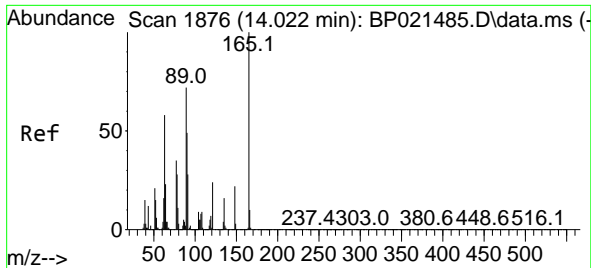


#50
 Dimethylphthalate
 Concen: 10.190 ng
 RT: 13.893 min Scan# 1854
 Delta R.T. -0.017 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Tgt Ion: 163 Resp: 889818

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.4	8.3	12.5





#51
 2,6-Dinitrotoluene
 Concen: 10.348 ng
 RT: 14.004 min Scan# 1873
 Delta R.T. -0.018 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument :

BNA_P

Client Sample Id :

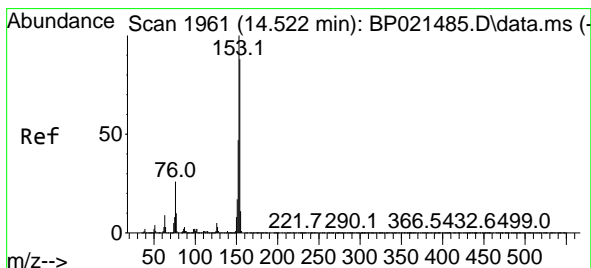
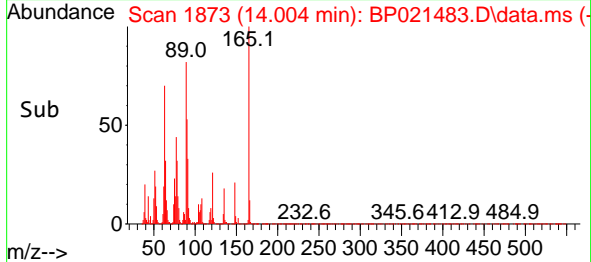
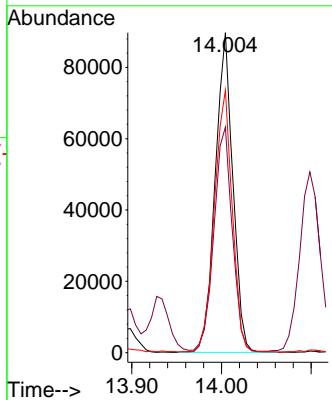
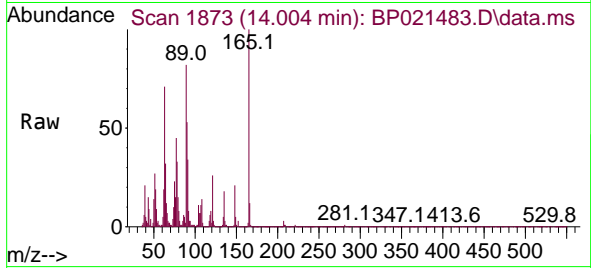
SSTDICC010

Tgt Ion:165 Resp: 122230

Ion	Ratio	Lower	Upper
165	100		
63	70.5	51.5	77.3
89	82.1	57.8	86.8

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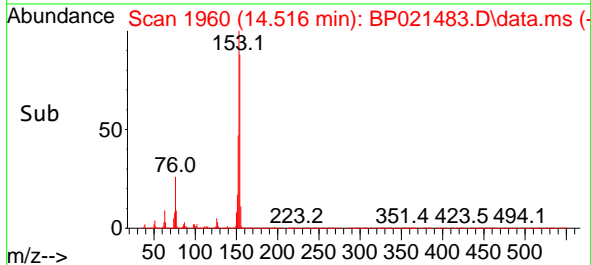
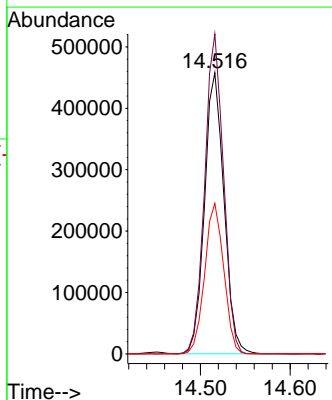
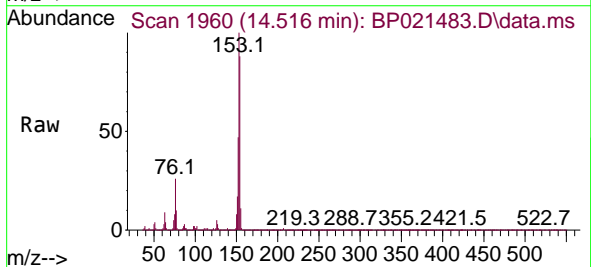
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

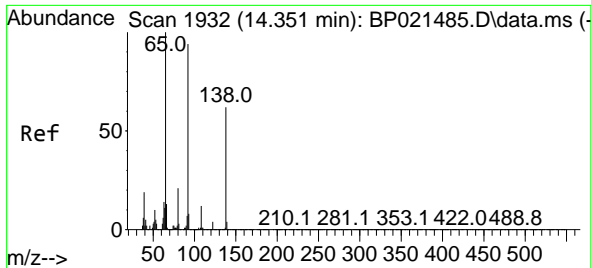


#52
 Acenaphthene
 Concen: 9.961 ng
 RT: 14.516 min Scan# 1960
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Tgt Ion:154 Resp: 690129

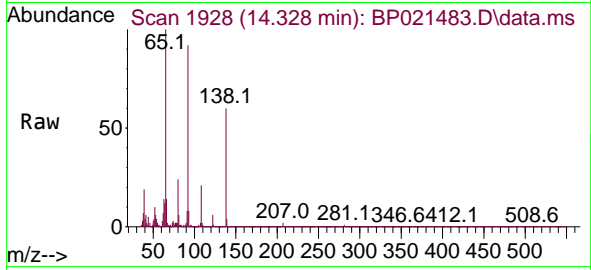
Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.1	136.7
152	53.5	43.0	64.4





#53
 3-Nitroaniline
 Concen: 10.365 ng
 RT: 14.328 min Scan# 1928
 Delta R.T. -0.023 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

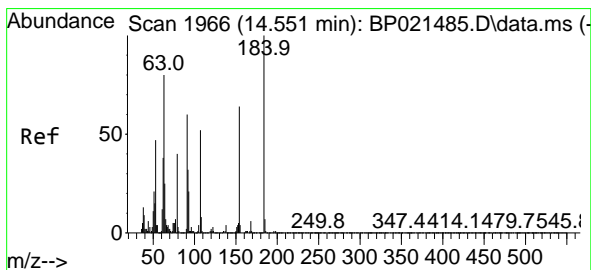
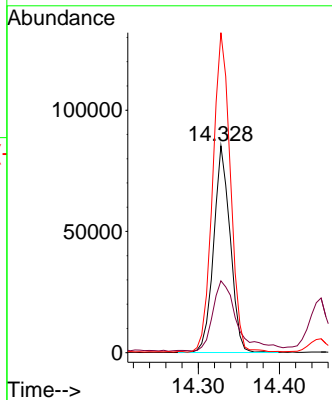
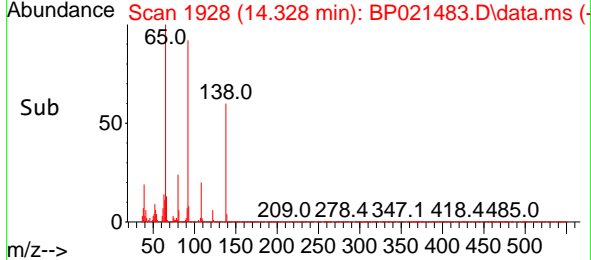
Instrument : BNA_P
 Client Sample Id : SSTDICC010



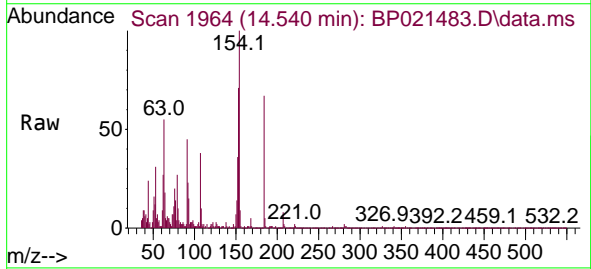
Tgt Ion:138 Resp: 120754
 Ion Ratio Lower Upper
 138 100
 108 34.8 16.2 24.4
 92 154.7 122.2 183.4

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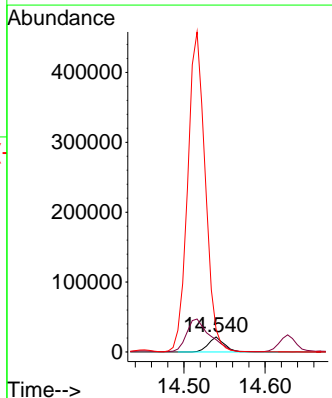
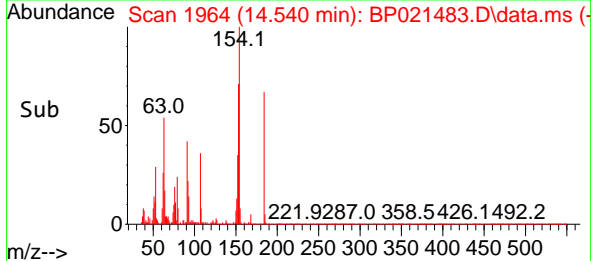
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

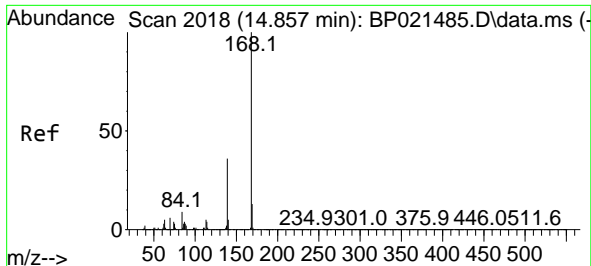


#54
 2,4-Dinitrophenol
 Concen: 10.721 ng
 RT: 14.540 min Scan# 1964
 Delta R.T. -0.011 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



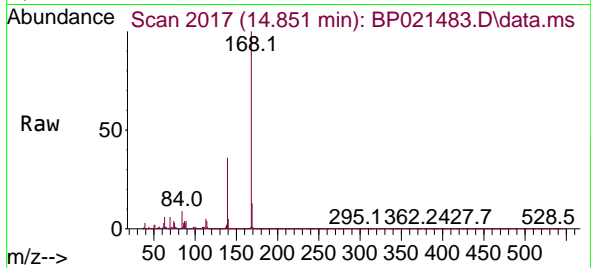
Tgt Ion:184 Resp: 29452
 Ion Ratio Lower Upper
 184 100
 63 81.7 64.9 97.3
 154 149.0 52.1 78.1#





#55
 Dibenzofuran
 Concen: 10.016 ng
 RT: 14.851 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

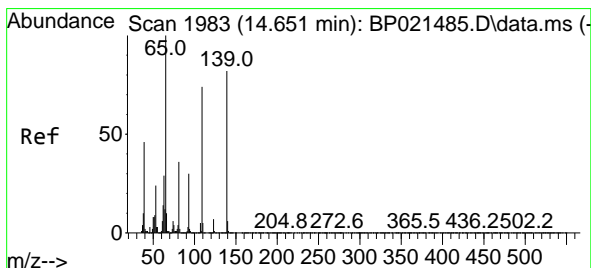
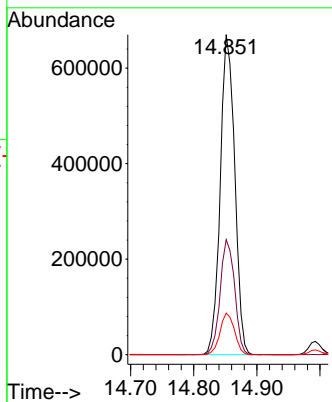
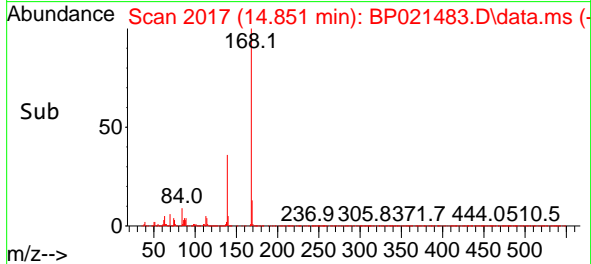
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC010



Tgt Ion:168 Resp: 106743
 Ion Ratio Lower Upper
 168 100
 139 36.0 28.6 43.0
 169 13.0 10.6 16.0

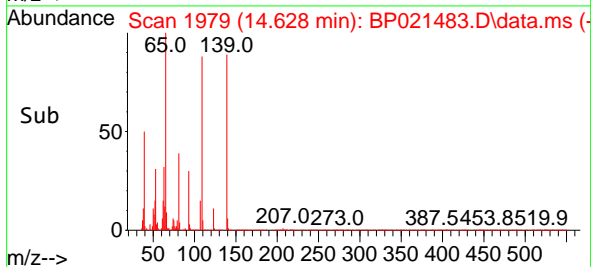
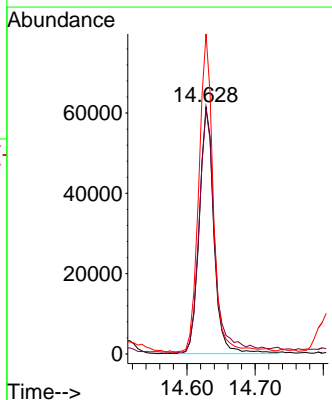
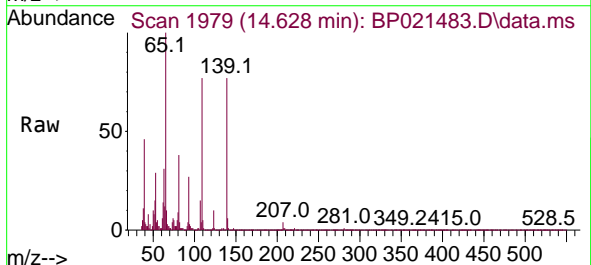
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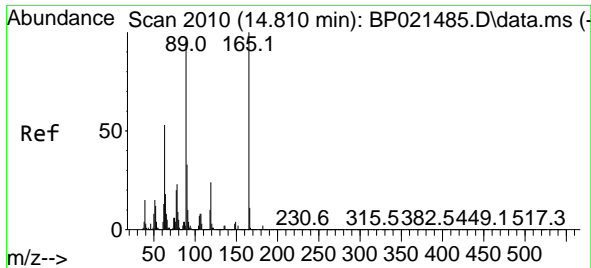
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#56
 4-Nitrophenol
 Concen: 11.027 ng
 RT: 14.628 min Scan# 1979
 Delta R.T. -0.023 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Tgt Ion:139 Resp: 91997
 Ion Ratio Lower Upper
 139 100
 109 99.2 70.2 110.2
 65 129.6 101.8 141.8





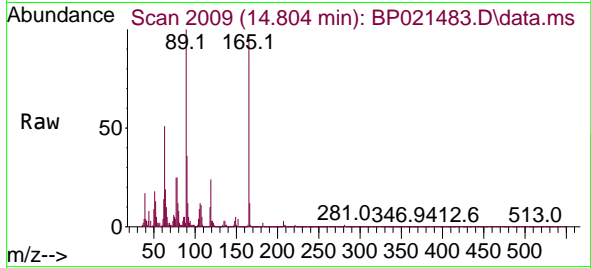
#57
 2,4-Dinitrotoluene
 Concen: 10.586 ng
 RT: 14.804 min Scan# 2010
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument :

BNA_P

Client Sample Id :

SSTDIC010



Tgt Ion: 165 Resp: 139240

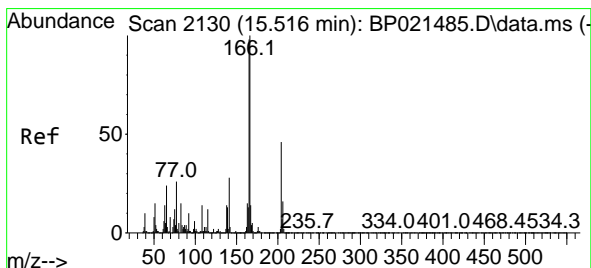
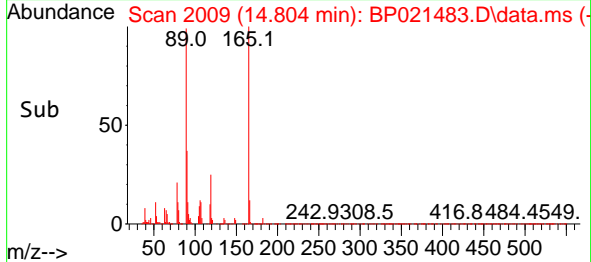
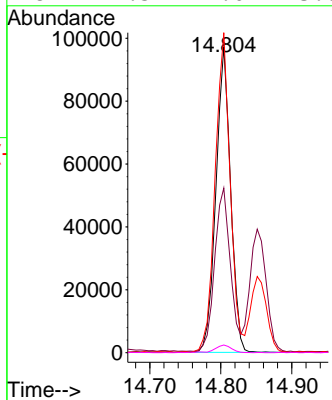
Ion	Ratio	Lower	Upper
165	100		
63	53.8	42.5	63.7
89	104.6	77.1	115.7
182	2.5	2.0	3.0

Manual Integrations

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Reviewed By :Yogesh Patel 08/14/2024

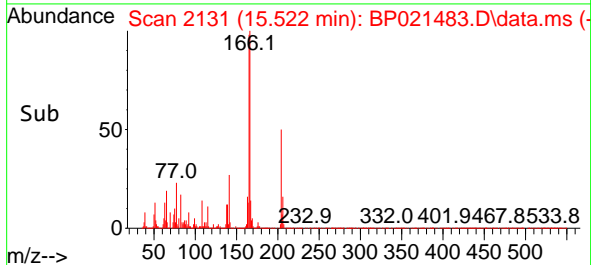
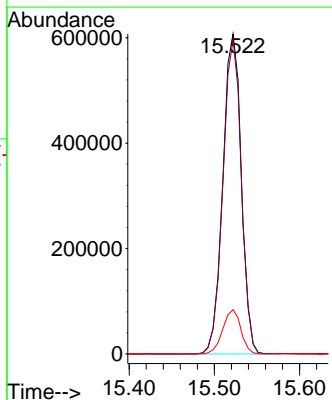
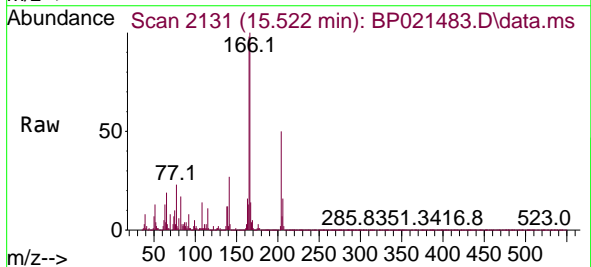
Supervised By :mohammad ahmed 08/14/2024

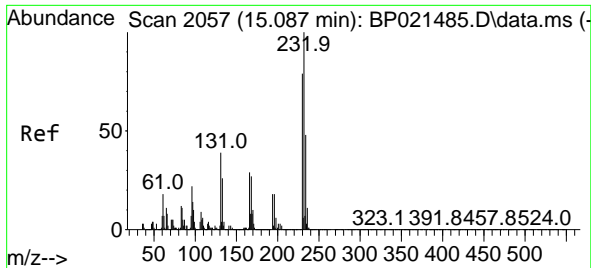


#58
 Fluorene
 Concen: 10.425 ng
 RT: 15.522 min Scan# 2131
 Delta R.T. 0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Tgt Ion: 166 Resp: 912792

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.1	117.1
167	13.9	11.0	16.4





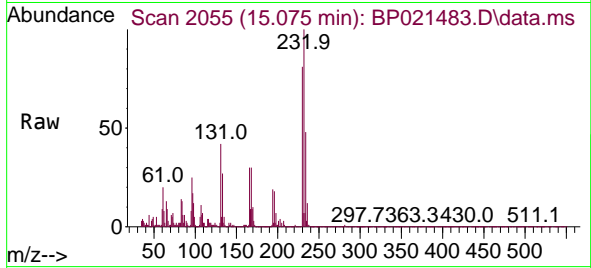
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.055 ng
 RT: 15.075 min Scan# 2055
 Delta R.T. -0.012 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument :

BNA_P

ClientSampleId :

SSTDIC010



Tgt Ion:232 Resp: 18123

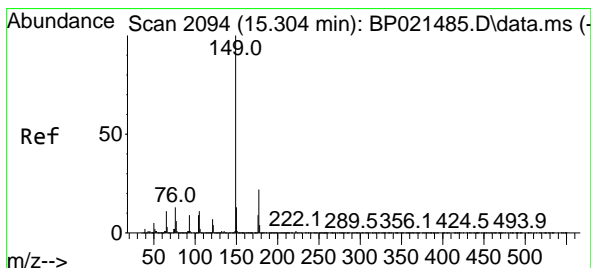
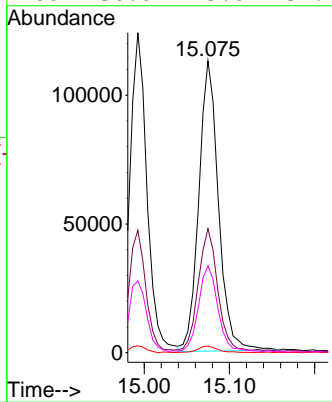
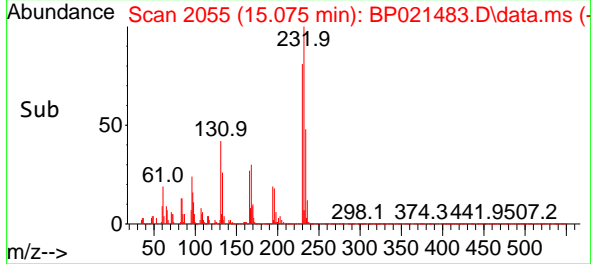
Ion	Ratio	Lower	Upper
232	100		
131	40.9	33.1	49.7
130	2.3	1.7	2.5
166	30.0	23.0	34.4

Manual Integrations

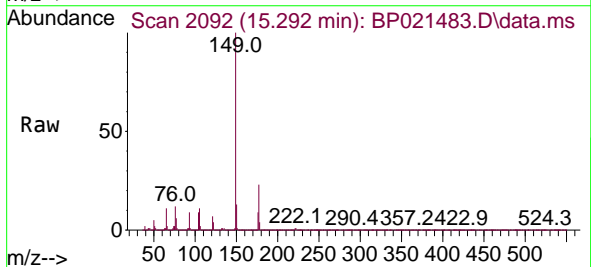
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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024

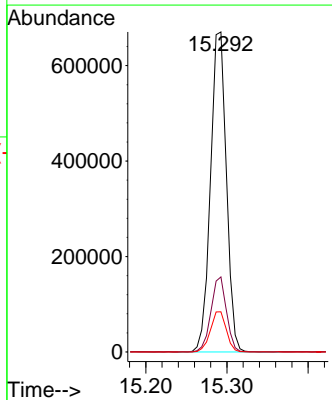
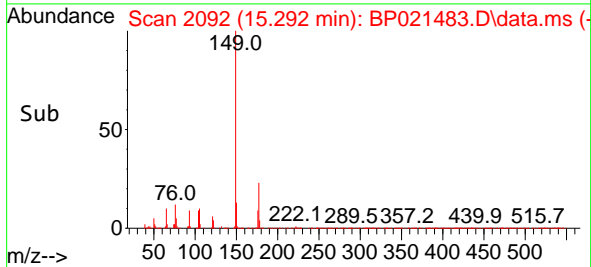


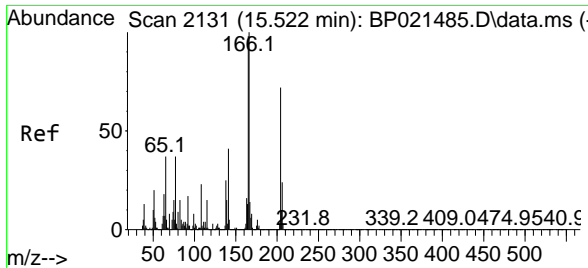
#60
 Diethylphthalate
 Concen: 10.148 ng
 RT: 15.292 min Scan# 2092
 Delta R.T. -0.012 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



Tgt Ion:149 Resp: 909304

Ion	Ratio	Lower	Upper
149	100		
177	23.4	17.8	26.8
150	12.6	10.1	15.1





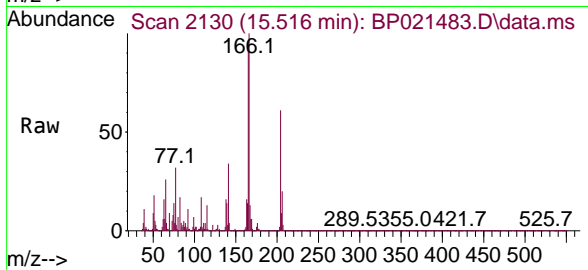
#61
 4-Chlorophenyl-phenylether
 Concen: 10.426 ng
 RT: 15.516 min Scan# 2130
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument :

BNA_P

ClientSampleId :

SSTDIC010

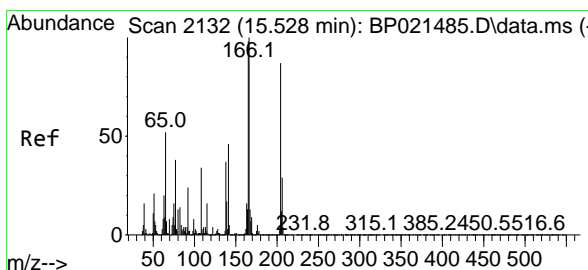
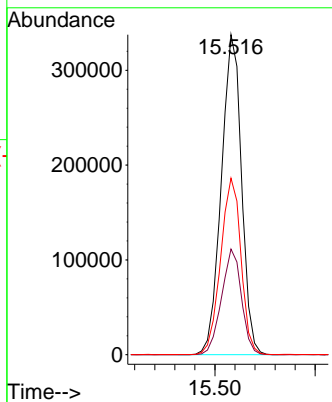
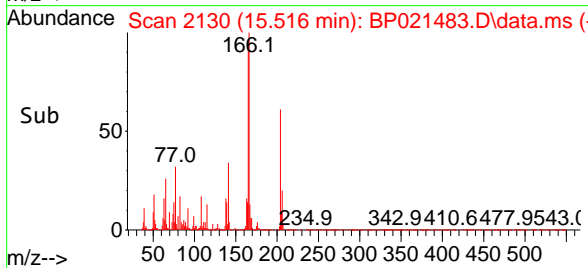


Tgt Ion: 204 Resp: 47186

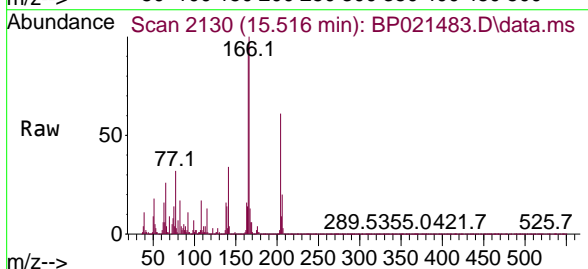
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.4	39.6
141	55.2	46.1	69.1

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Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

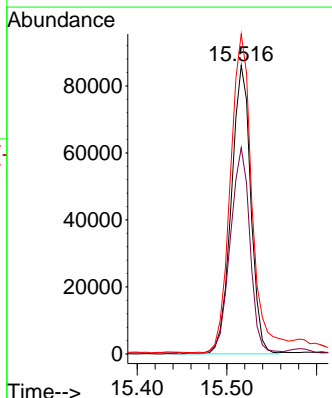
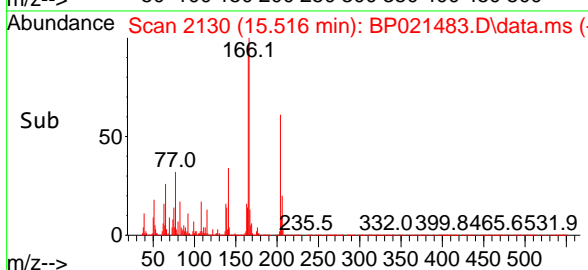


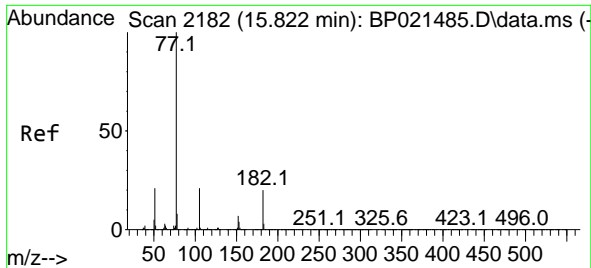
#62
 4-Nitroaniline
 Concen: 9.743 ng
 RT: 15.516 min Scan# 2130
 Delta R.T. -0.012 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



Tgt Ion: 138 Resp: 129100

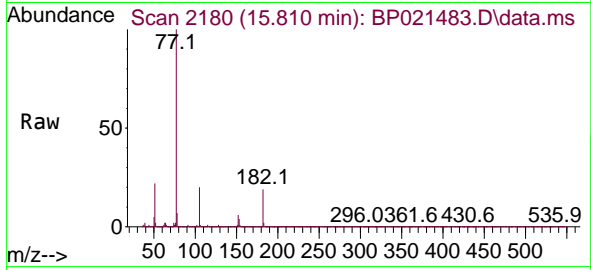
Ion	Ratio	Lower	Upper
138	100		
92	71.5	46.4	86.4
108	110.9	73.2	113.2





#63
 Azobenzene
 Concen: 10.529 ng
 RT: 15.810 min Scan# 2182
 Delta R.T. -0.012 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument : BNA_P
 Client Sample Id : SSTDIC010

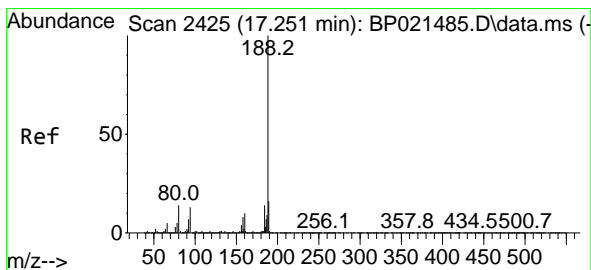
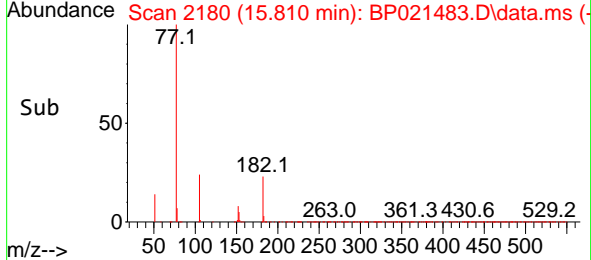
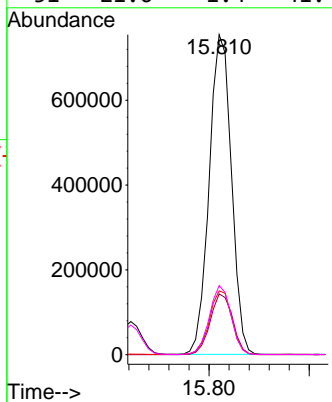


Tgt Ion: 77 Resp: 115964

Ion	Ratio	Lower	Upper
77	100		
182	19.0	0.0	39.9
105	20.0	0.9	40.9
51	21.6	1.4	41.4

Manual Integrations
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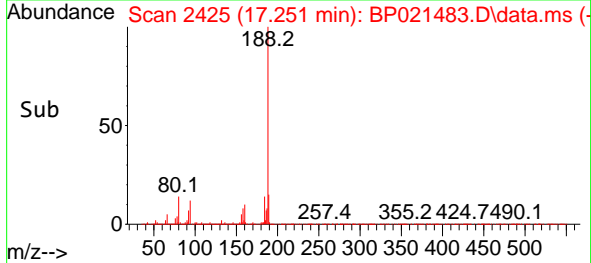
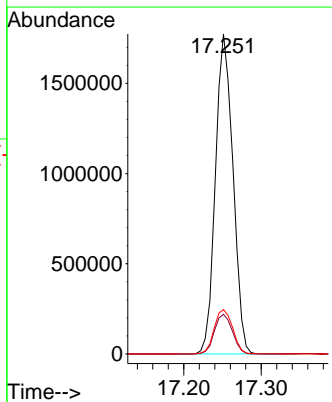
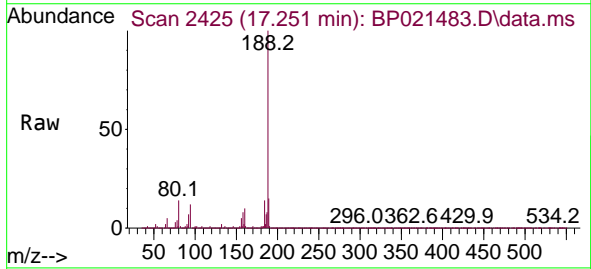
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

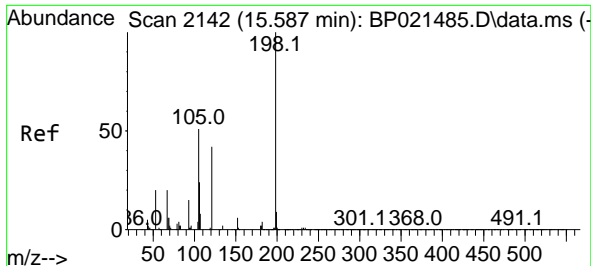


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.251 min Scan# 2425
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Tgt Ion:188 Resp: 2799153

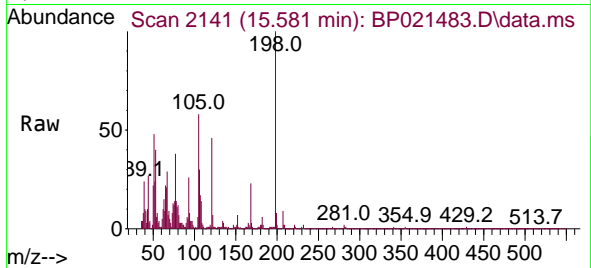
Ion	Ratio	Lower	Upper
188	100		
94	12.4	10.2	15.4
80	13.9	11.6	17.4





#65
 4,6-Dinitro-2-methylphenol
 Concen: 11.022 ng
 RT: 15.581 min Scan# 2142
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument : BNA_P
 ClientSampleId : SSTDICC010

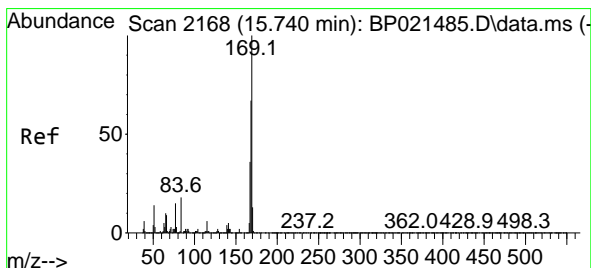
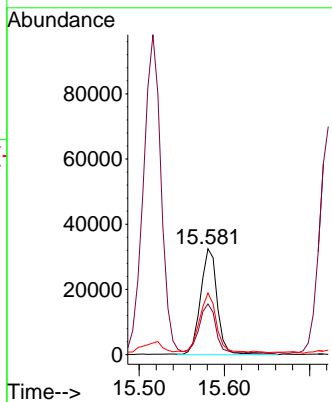
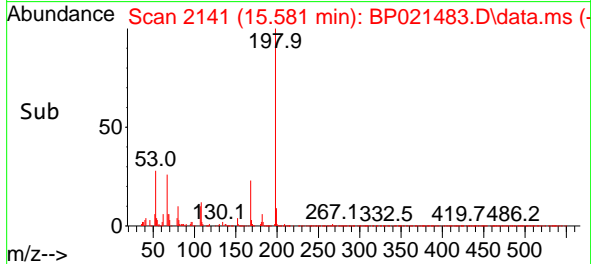


Tgt Ion:198 Resp: 44079

Ion	Ratio	Lower	Upper
198	100		
51	47.9	21.5	61.5
105	58.2	32.9	72.9

Manual Integrations
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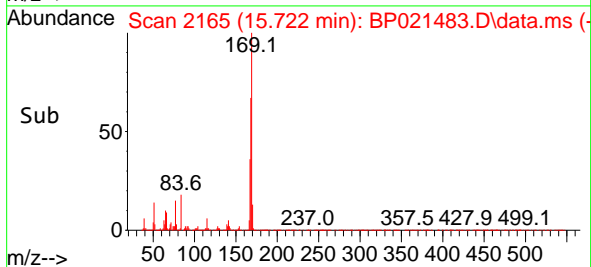
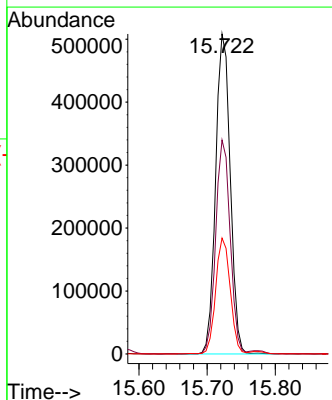
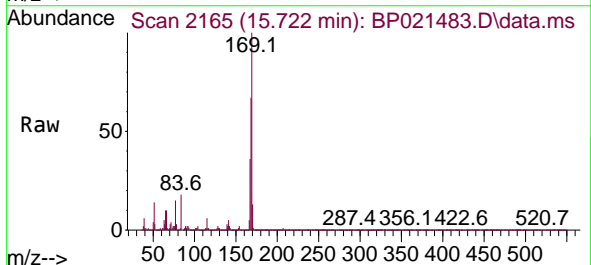
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

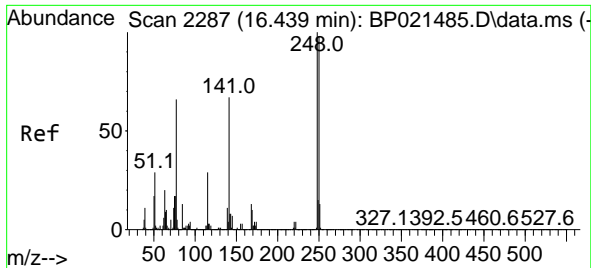


#66
 n-Nitrosodiphenylamine
 Concen: 10.103 ng
 RT: 15.722 min Scan# 2165
 Delta R.T. -0.018 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Tgt Ion:169 Resp: 757847

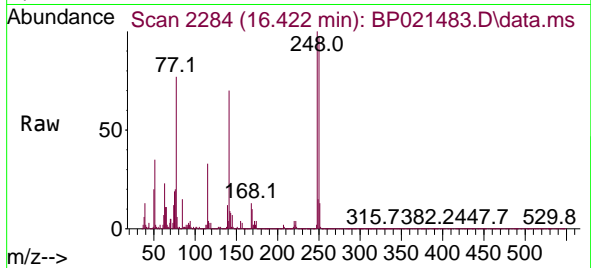
Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.2
167	36.2	28.7	43.1





#67
 4-Bromophenyl-phenylether
 Concen: 9.906 ng
 RT: 16.422 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

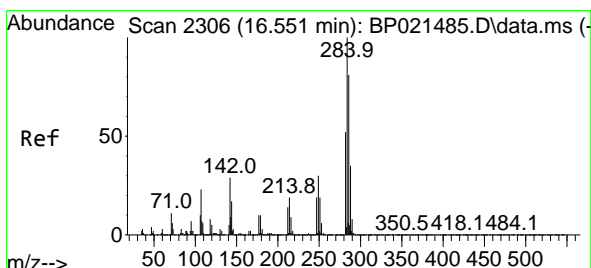
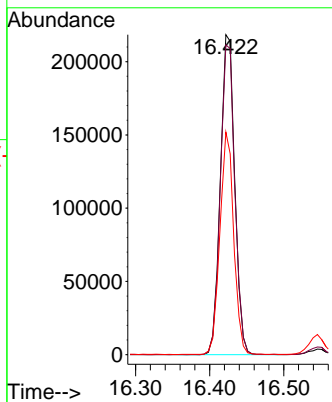
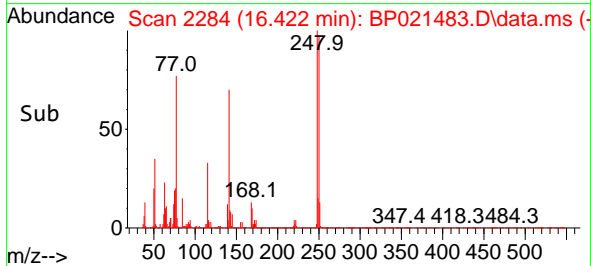
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010



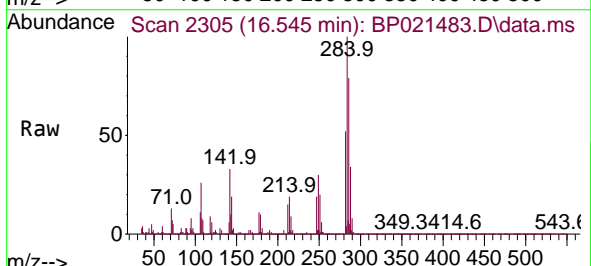
Tgt Ion:248 Resp: 29346
 Ion Ratio Lower Upper
 248 100
 250 96.8 78.6 117.8
 141 69.6 53.9 80.9

Manual Integrations
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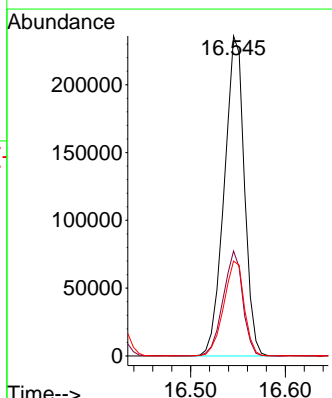
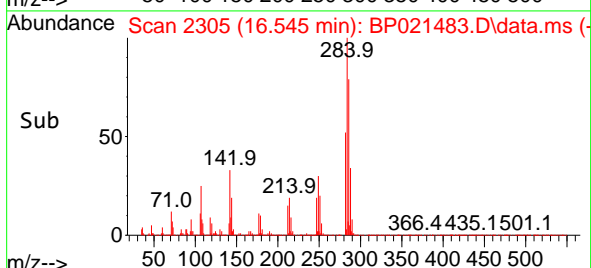
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

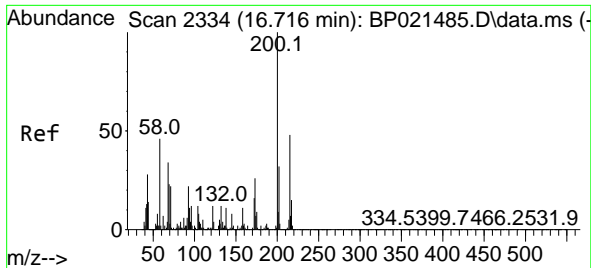


#68
 Hexachlorobenzene
 Concen: 9.938 ng
 RT: 16.545 min Scan# 2305
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



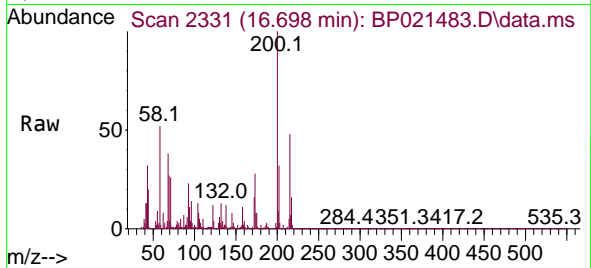
Tgt Ion:284 Resp: 347933
 Ion Ratio Lower Upper
 284 100
 142 32.8 23.4 35.2
 249 29.7 24.1 36.1





#69
 Atrazine
 Concen: 10.106 ng
 RT: 16.698 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

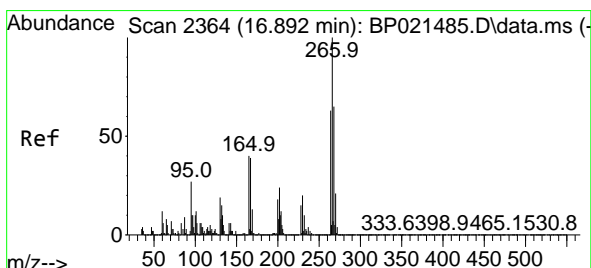
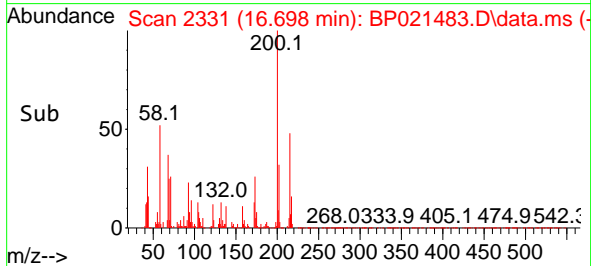
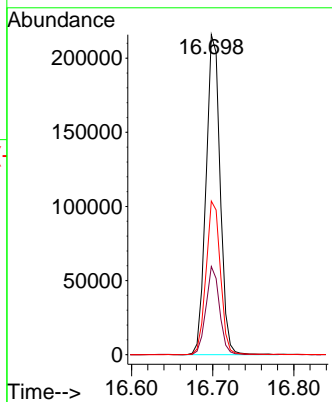
Instrument : BNA_P
 Client Sample Id : SSTDICC010



Tgt Ion: 200 Resp: 26027
 Ion Ratio Lower Upper
 200 100
 173 27.5 6.2 46.2
 215 48.0 28.4 68.4

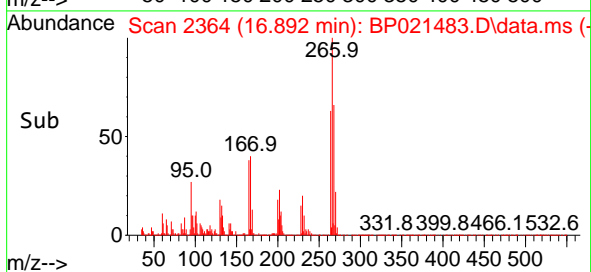
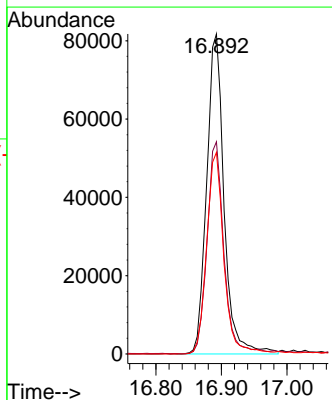
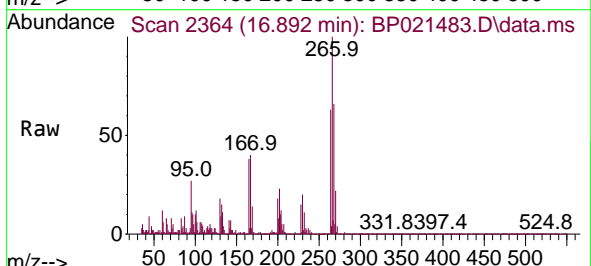
Manual Integrations
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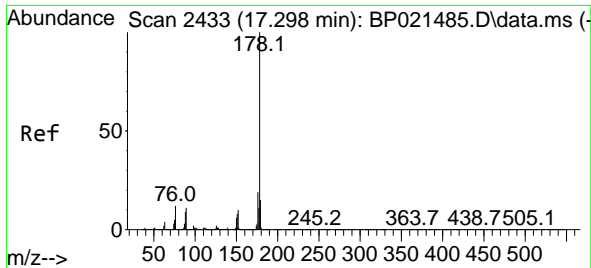
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#70
 Pentachlorophenol
 Concen: 7.877 ng
 RT: 16.892 min Scan# 2364
 Delta R.T. 0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

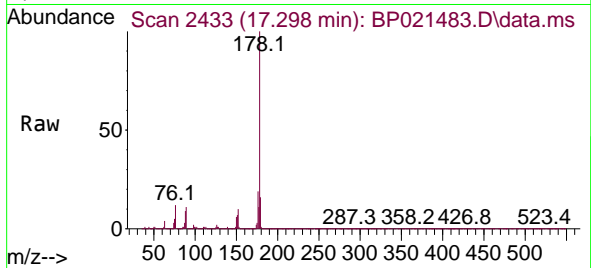
Tgt Ion: 266 Resp: 150520
 Ion Ratio Lower Upper
 266 100
 268 66.3 51.8 77.6
 264 63.0 50.5 75.7





#71
 Phenanthrene
 Concen: 10.017 ng
 RT: 17.298 min Scan# 2449
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

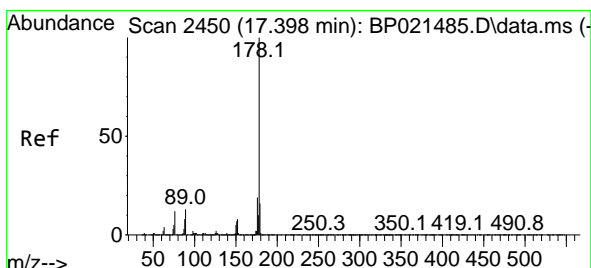
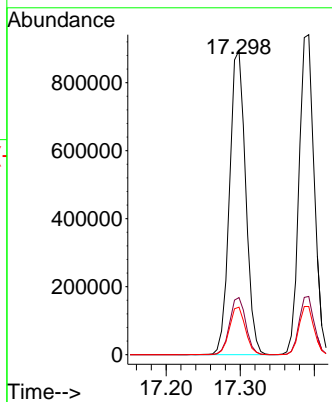
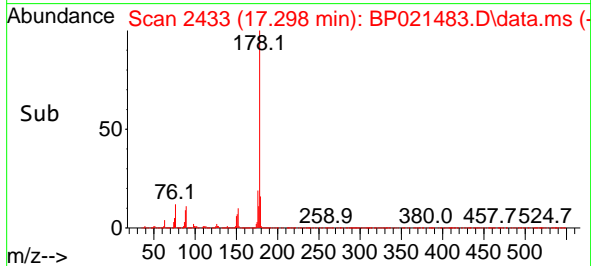
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010



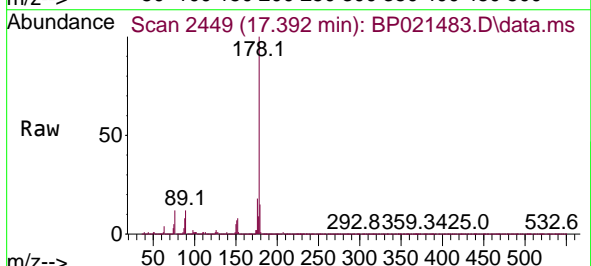
Tgt Ion:178 Resp: 134841
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.6 12.4 18.6

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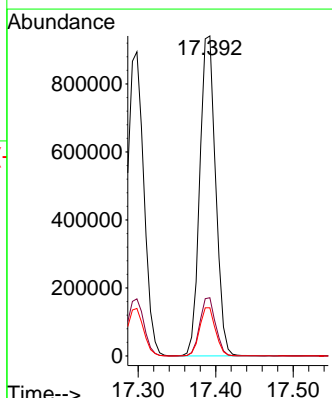
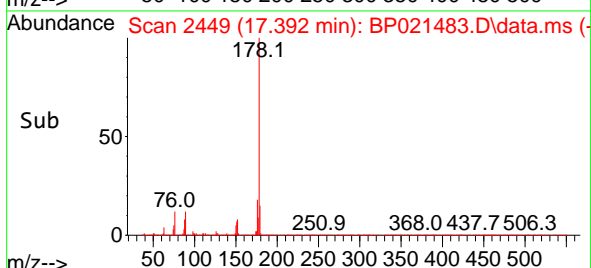
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

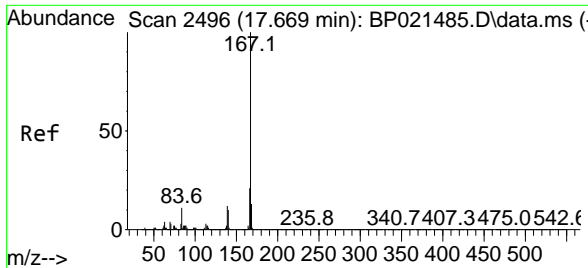


#72
 Anthracene
 Concen: 10.123 ng
 RT: 17.392 min Scan# 2449
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



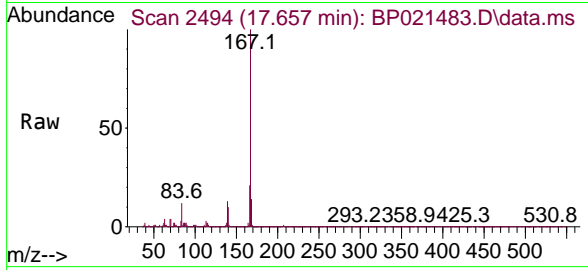
Tgt Ion:178 Resp: 1336422
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.9 22.3
 179 15.0 12.5 18.7





#73
 Carbazole
 Concen: 9.966 ng
 RT: 17.657 min Scan# 2494
 Delta R.T. -0.012 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

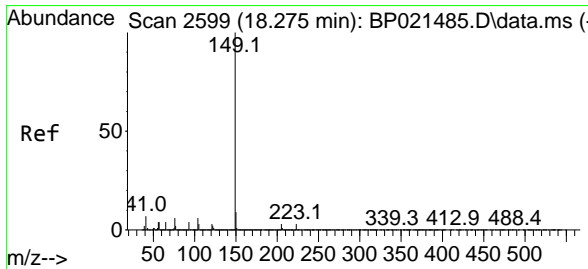
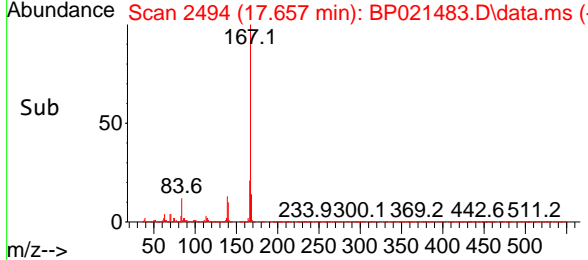
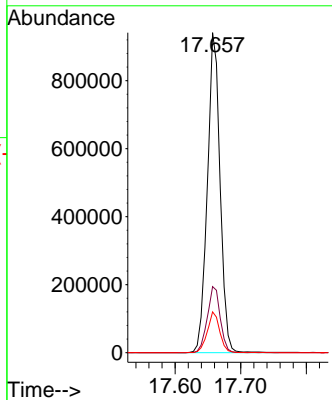
Instrument : BNA_P
 Client Sample Id : SSTDIC010



Tgt Ion: 167 Resp: 1267960
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.0 25.4
 139 12.7 9.9 14.9

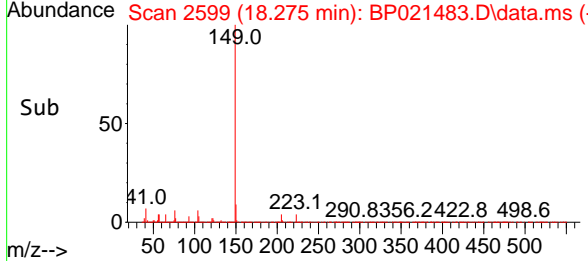
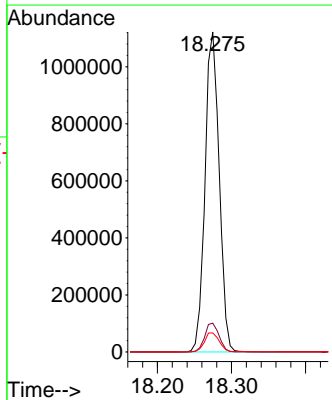
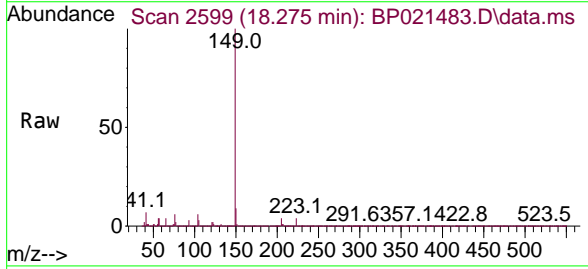
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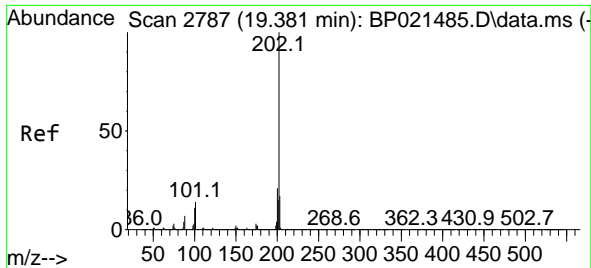
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#74
 Di-n-butylphthalate
 Concen: 9.539 ng
 RT: 18.275 min Scan# 2599
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

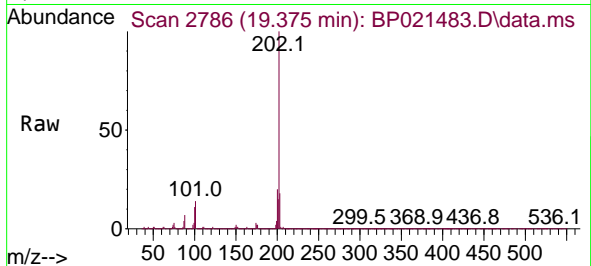
Tgt Ion: 149 Resp: 1490471
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 6.0 4.9 7.3





#75
 Fluoranthene
 Concen: 9.769 ng
 RT: 19.375 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

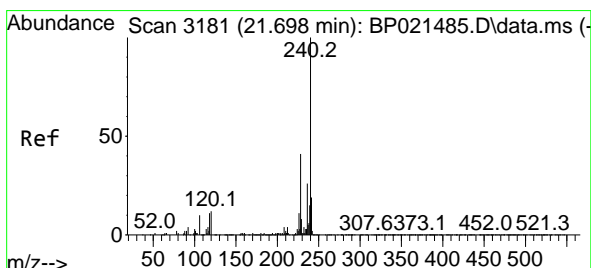
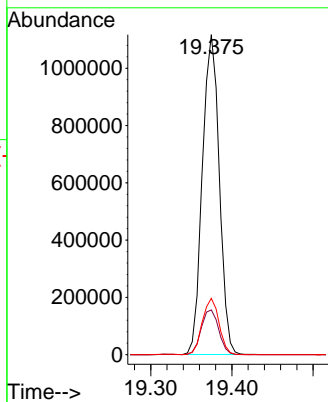
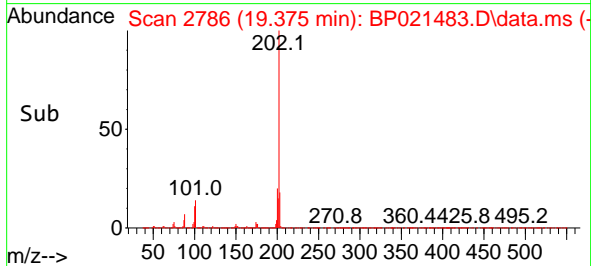
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC010



Tgt Ion: 202 Resp: 1613504
 Ion Ratio Lower Upper
 202 100
 101 14.0 0.0 34.0
 203 17.6 0.0 37.5

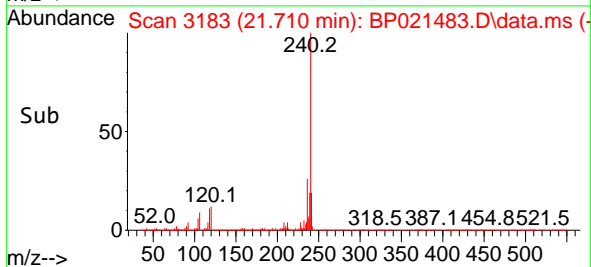
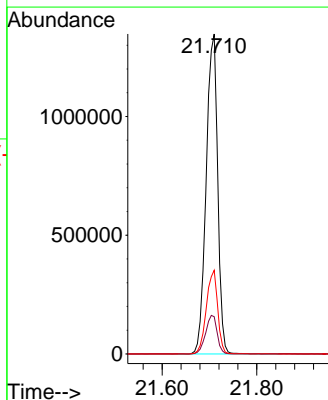
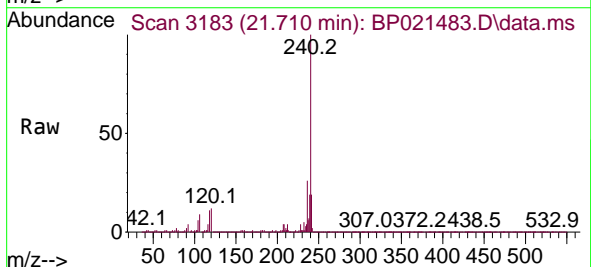
Manual Integrations
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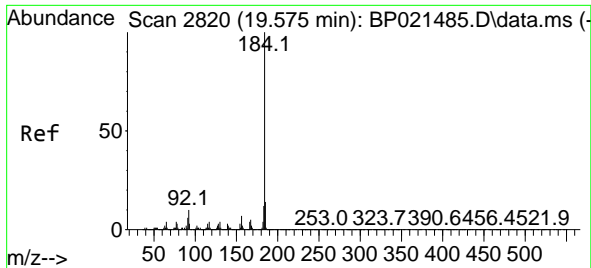
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.710 min Scan# 3183
 Delta R.T. 0.012 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

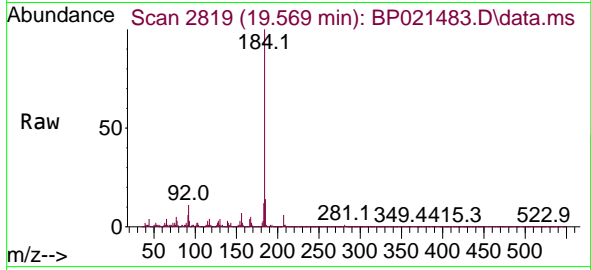
Tgt Ion: 240 Resp: 2268651
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.9 14.9
 236 26.2 20.6 30.8





#77
 Benzidine
 Concen: 9.509 ng
 RT: 19.569 min Scan# 2819
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC010

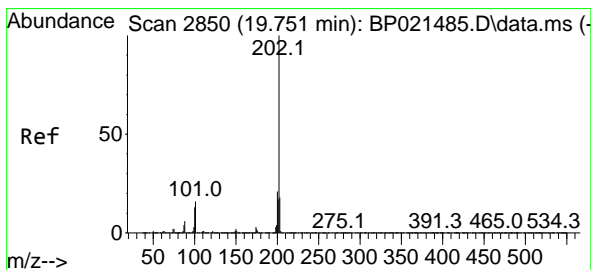
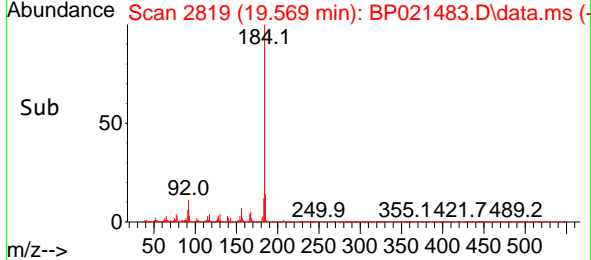
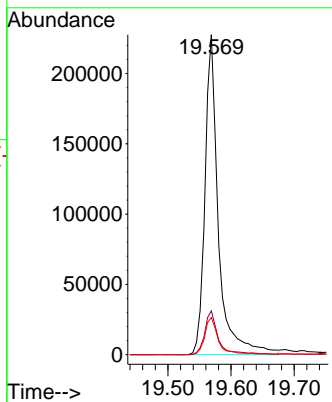


Tgt Ion: 184 Resp: 336598

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.4	17.0
183	11.6	9.3	13.9

Manual Integrations
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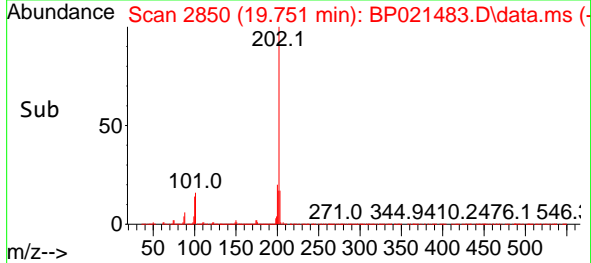
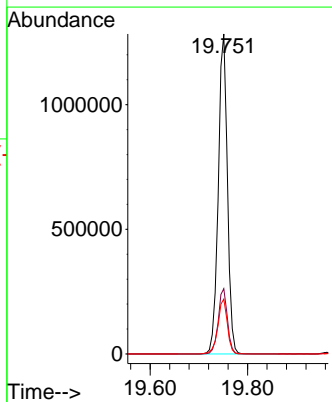
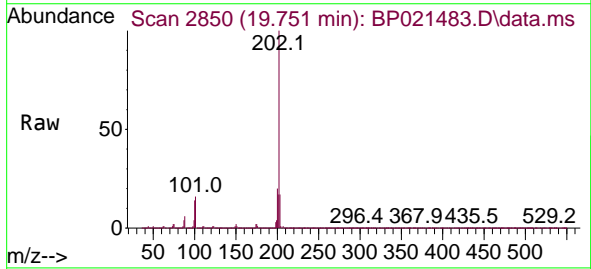
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

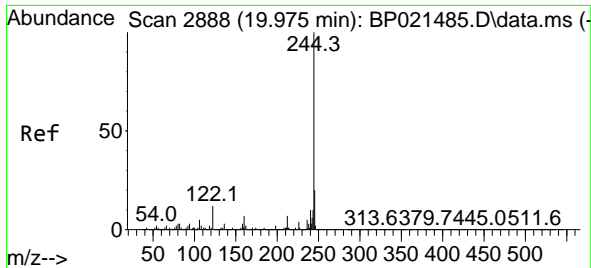


#78
 Pyrene
 Concen: 11.243 ng
 RT: 19.751 min Scan# 2850
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Tgt Ion: 202 Resp: 1667213

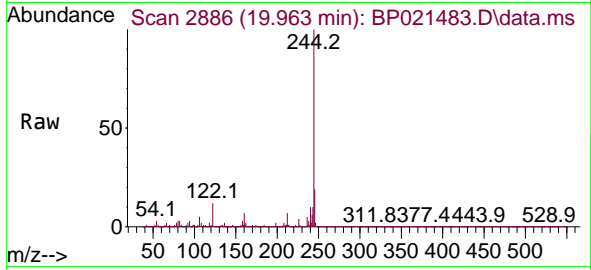
Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.7	25.1
203	17.1	14.1	21.1





#79
 Terphenyl-d14
 Concen: 23.235 ng
 RT: 19.963 min Scan# 2886
 Delta R.T. -0.012 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

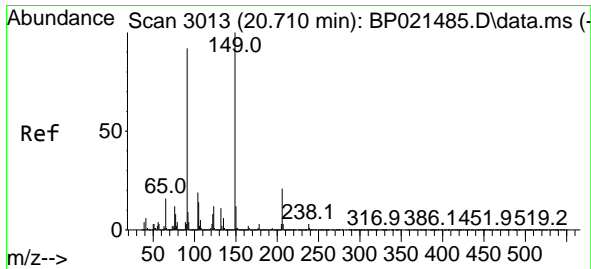
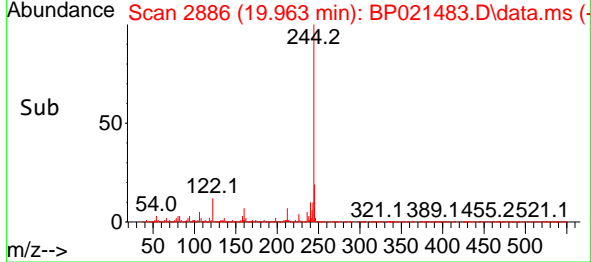
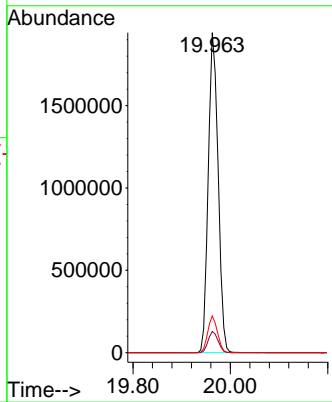
Instrument : BNA_P
 Client Sample Id : SSTDIC010



Tgt Ion: 244 Resp: 2713318
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.5 9.4 14.2

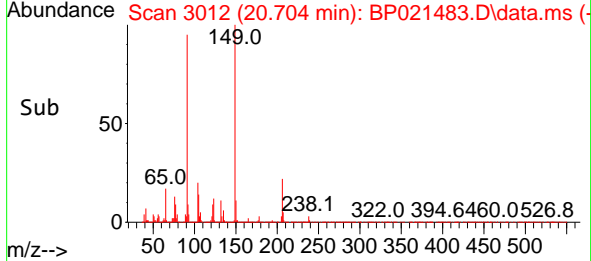
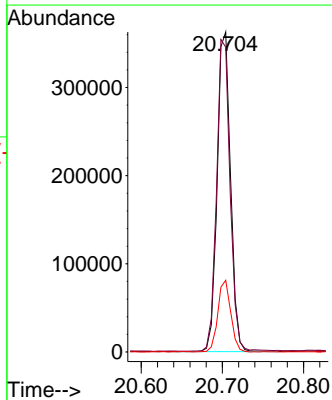
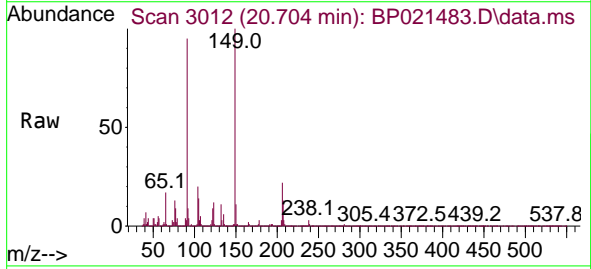
Manual Integrations
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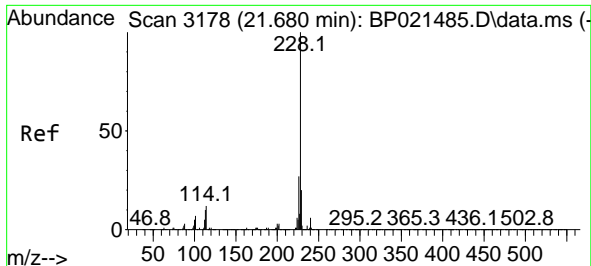
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#80
 Butylbenzylphthalate
 Concen: 10.409 ng
 RT: 20.704 min Scan# 3012
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

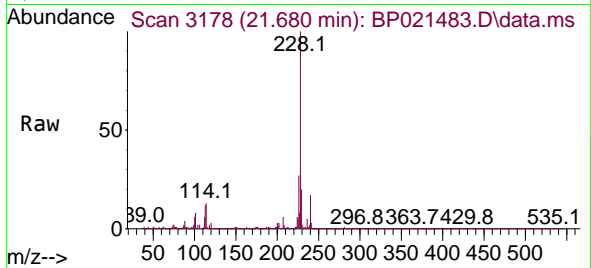
Tgt Ion: 149 Resp: 414136
 Ion Ratio Lower Upper
 149 100
 91 95.2 73.3 109.9
 206 22.4 17.1 25.7





#81
 Benzo(a)anthracene
 Concen: 9.936 ng
 RT: 21.680 min Scan# 3178
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

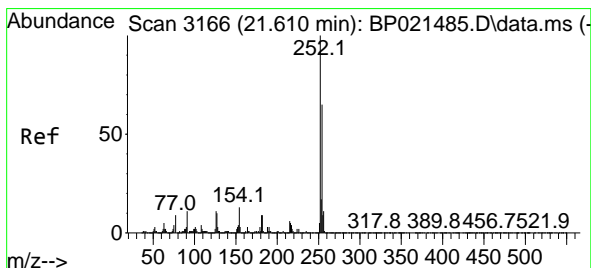
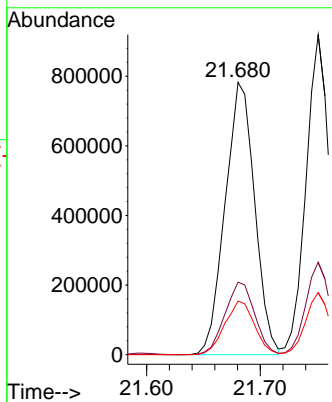
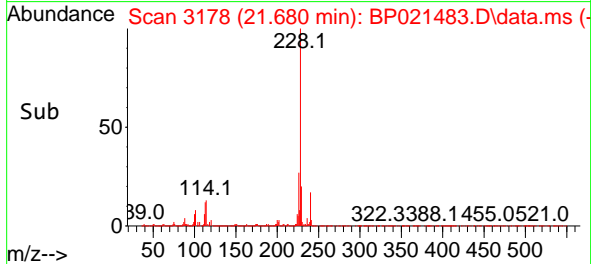
Instrument : BNA_P
 Client Sample Id : SSTDICC010



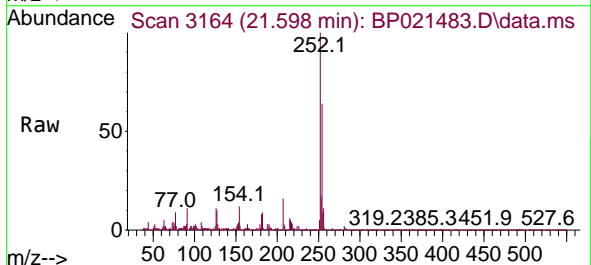
Tgt Ion: 228 Resp: 141500
 Ion Ratio Lower Upper
 228 100
 226 26.6 21.4 32.2
 229 19.7 15.8 23.6

Manual Integrations
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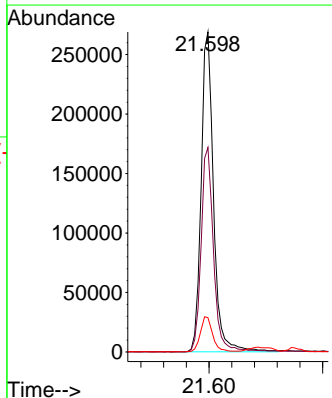
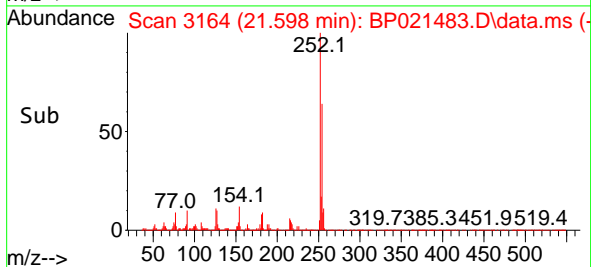
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

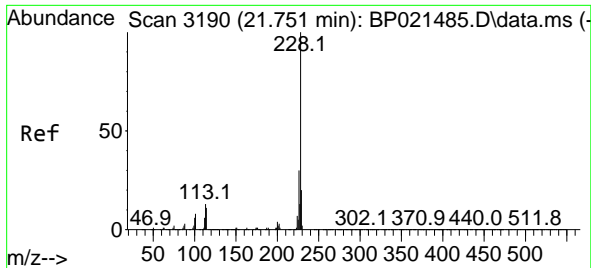


#82
 3,3'-Dichlorobenzidine
 Concen: 8.884 ng
 RT: 21.598 min Scan# 3164
 Delta R.T. -0.012 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



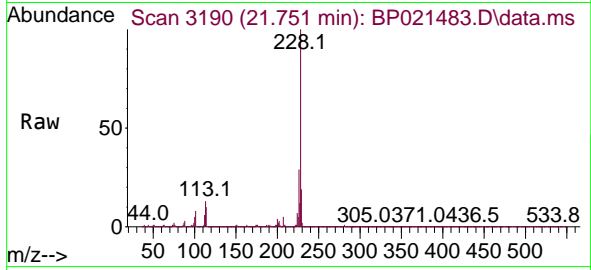
Tgt Ion: 252 Resp: 405660
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.7 77.5
 126 10.7 8.7 13.1





#83
 Chrysene
 Concen: 9.955 ng
 RT: 21.751 min Scan# 3190
 Delta R.T. -0.000 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

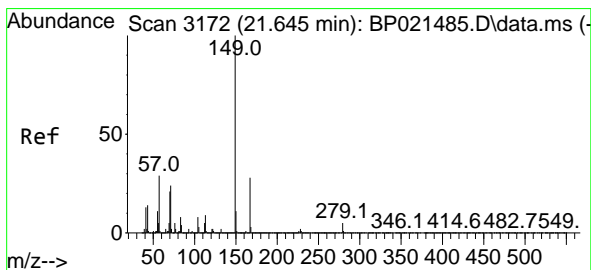
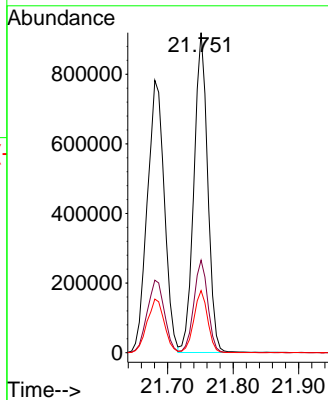
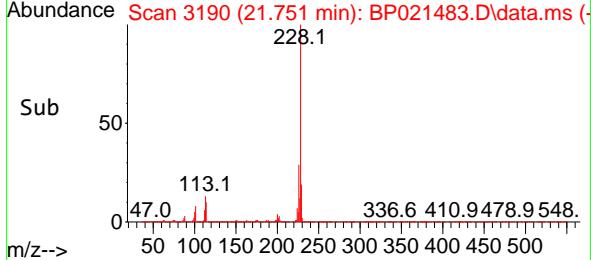
Instrument : BNA_P
 Client Sample Id : SSTDICC010



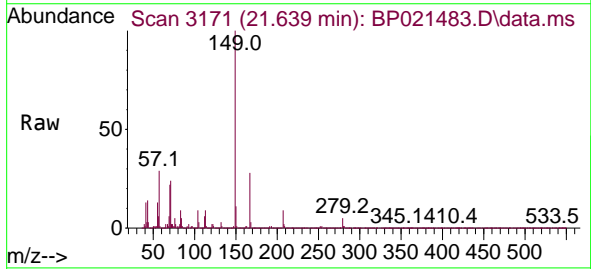
Tgt Ion: 228 Resp: 133861
 Ion Ratio Lower Upper
 228 100
 226 28.9 23.9 35.9
 229 19.4 15.8 23.6

Manual Integrations
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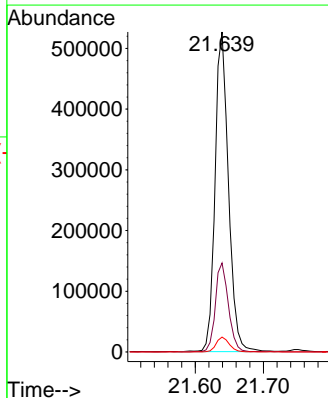
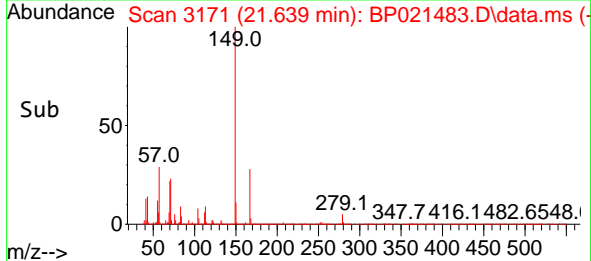
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

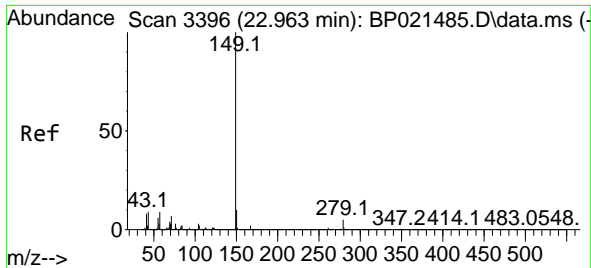


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.563 ng
 RT: 21.639 min Scan# 3171
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



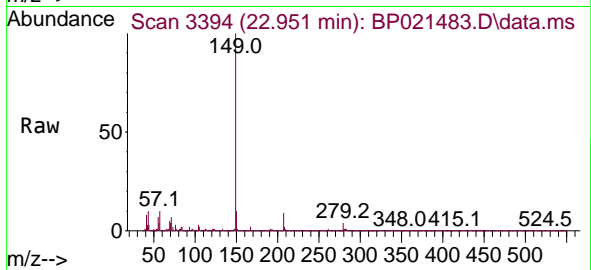
Tgt Ion: 149 Resp: 720802
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.3 33.5
 279 4.7 3.8 5.6





#85
 Di-n-octyl phthalate
 Concen: 10.621 ng
 RT: 22.951 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

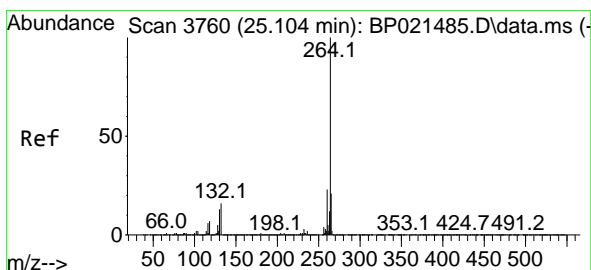
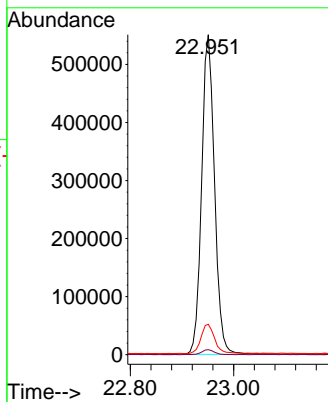
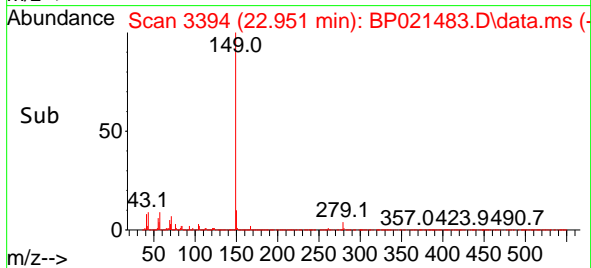
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC010



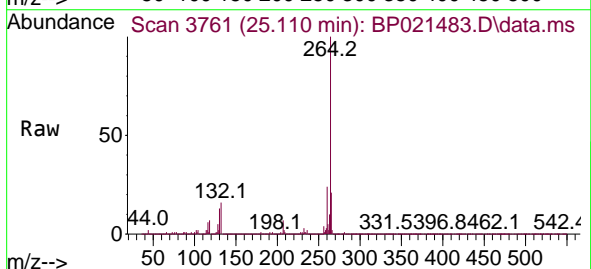
Tgt Ion:149 Resp: 95118
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.7 7.3 10.9

Manual Integrations
 APPROVED

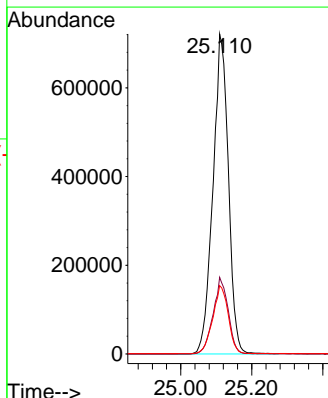
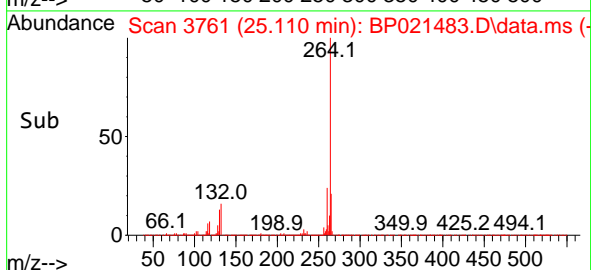
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

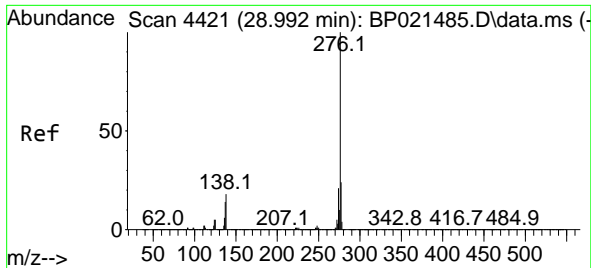


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.110 min Scan# 3761
 Delta R.T. 0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



Tgt Ion:264 Resp: 2172035
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 21.3 17.1 25.7





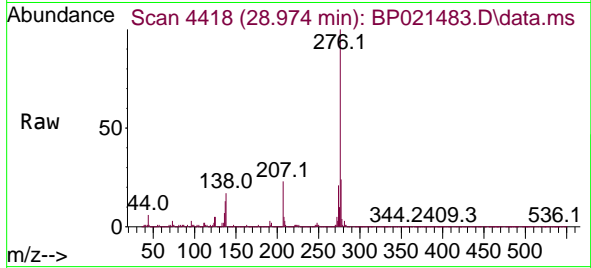
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.917 ng
 RT: 28.974 min Scan# 4418
 Delta R.T. -0.018 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

Instrument :

BNA_P

ClientSampleId :

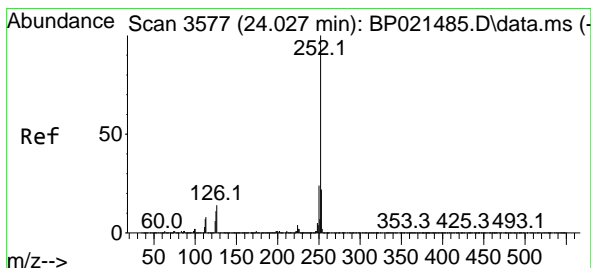
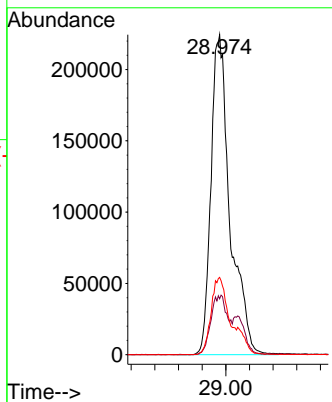
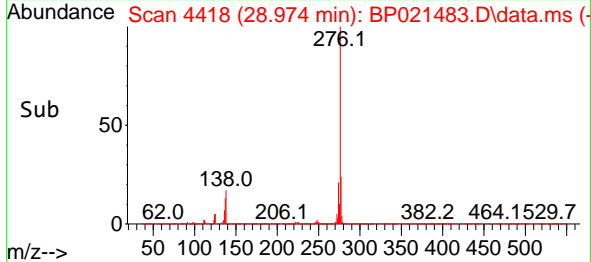
SSTDICC010



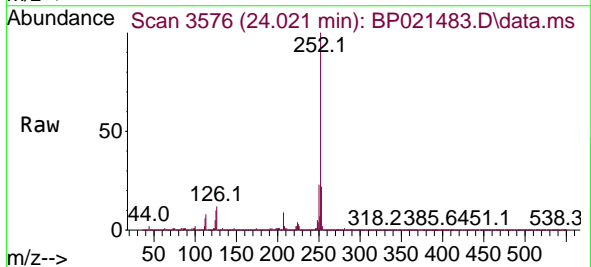
Tgt Ion: 276 Resp: 1255320
 Ion Ratio Lower Upper
 276 100
 138 16.6 12.8 19.2
 277 21.5 16.5 24.7

Manual Integrations
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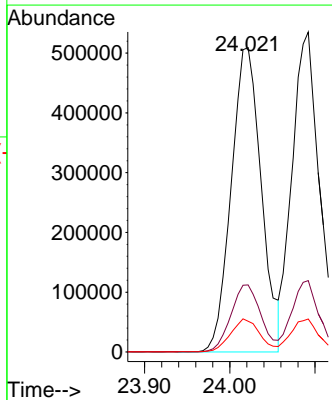
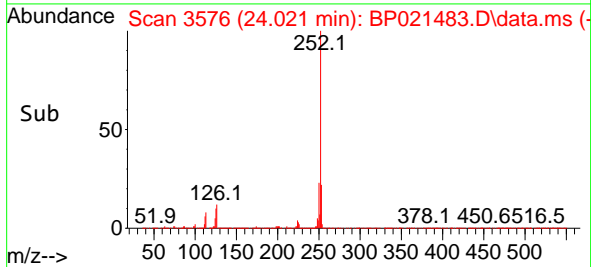
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

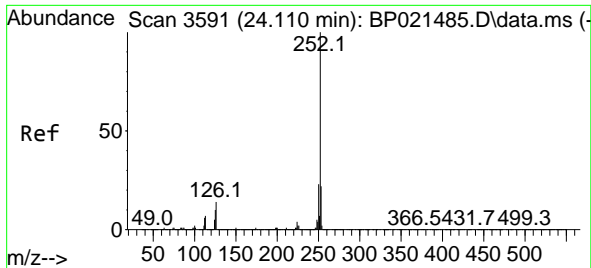


#88
 Benzo(b)fluoranthene
 Concen: 10.027 ng
 RT: 24.021 min Scan# 3576
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



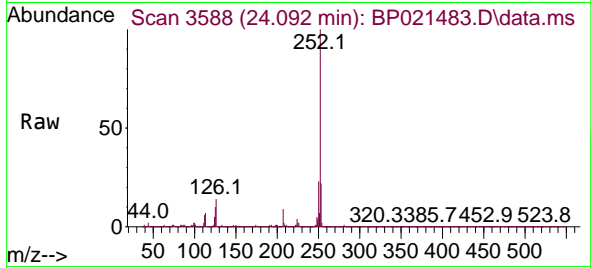
Tgt Ion: 252 Resp: 1250809
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 10.1 8.6 13.0





#89
 Benzo(k)fluoranthene
 Concen: 9.824 ng
 RT: 24.092 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

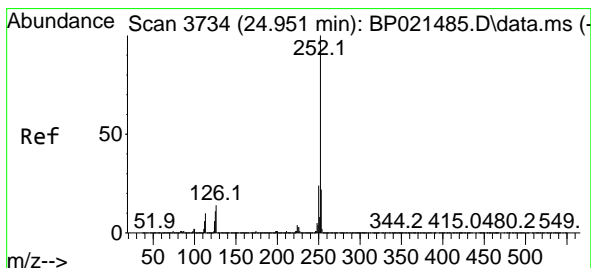
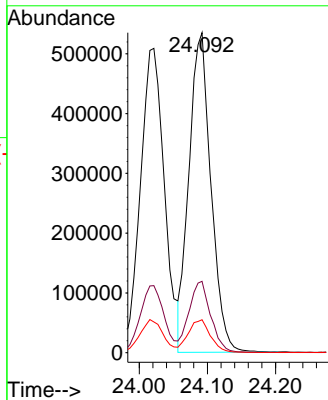
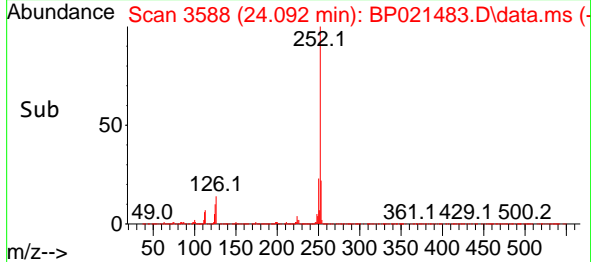
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC010



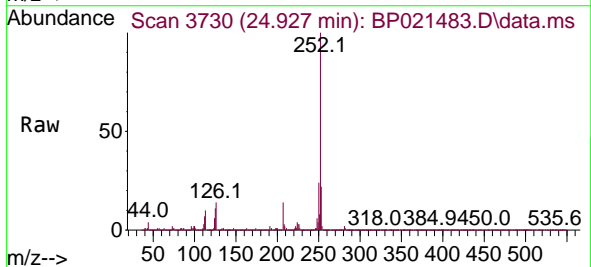
Tgt Ion:252 Resp: 1195420
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.5 26.3
 125 10.3 7.8 11.8

Manual Integrations
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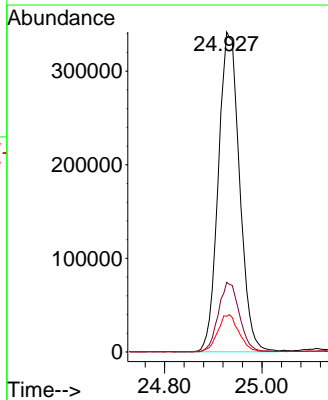
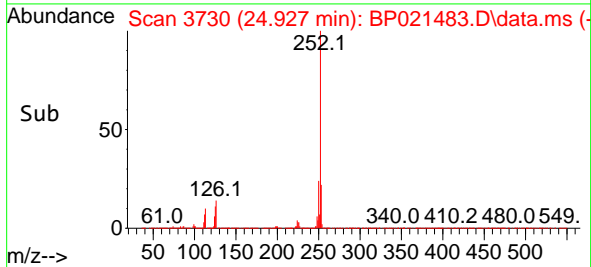
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

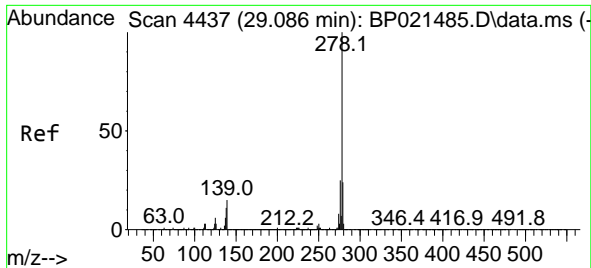


#90
 Benzo(a)pyrene
 Concen: 9.565 ng
 RT: 24.927 min Scan# 3730
 Delta R.T. -0.024 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



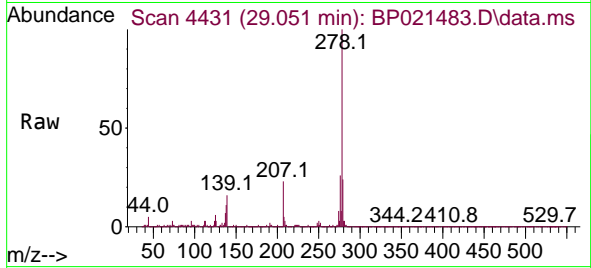
Tgt Ion:252 Resp: 1035462
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.7 26.5
 125 11.2 8.7 13.1





#91
 Dibenzo(a,h)anthracene
 Concen: 8.956 ng
 RT: 29.051 min Scan# 4431
 Delta R.T. -0.035 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59

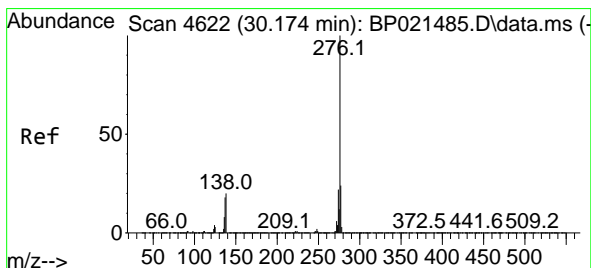
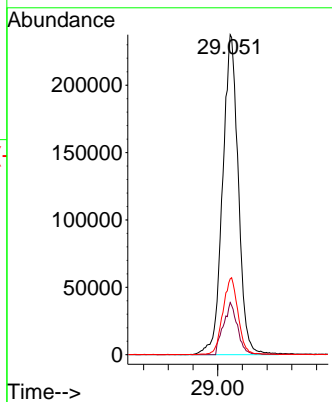
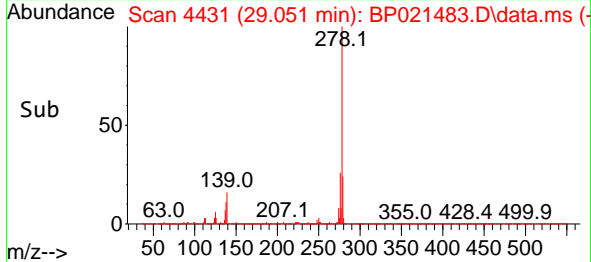
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC010



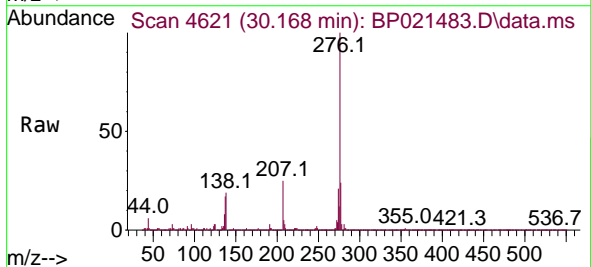
Tgt Ion: 278 Resp: 104769
 Ion Ratio Lower Upper
 278 100
 139 16.3 12.2 18.4
 279 23.7 19.1 28.7

Manual Integrations
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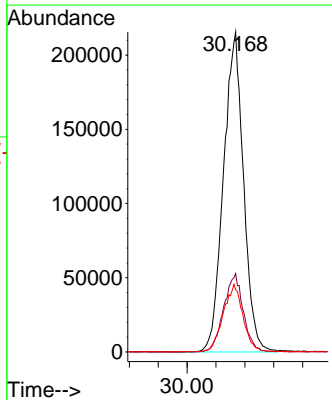
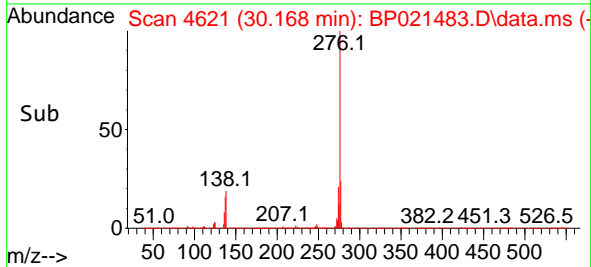
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#92
 Benzo(g,h,i)perylene
 Concen: 8.847 ng
 RT: 30.168 min Scan# 4621
 Delta R.T. -0.006 min
 Lab File: BP021483.D
 Acq: 13 Aug 2024 13:59



Tgt Ion: 276 Resp: 1037272
 Ion Ratio Lower Upper
 276 100
 277 24.5 19.0 28.6
 138 19.4 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021484.D
 Acq On : 13 Aug 2024 14:42
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 23:51:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	325874	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1390587	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	947946	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	2036378	20.000	ng	0.00
76) Chrysene-d12	21.704	240	2051361	20.000	ng	0.00
86) Perylene-d12	25.110	264	2332049	20.000	ng	0.00

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	915778	41.728	ng	0.00
7) Phenol-d6	6.958	99	1343954	41.979	ng	0.00
23) Nitrobenzene-d5	8.952	82	1073821	39.857	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	421534	39.955	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2531601	40.758	ng	0.00
79) Terphenyl-d14	19.975	244	4240552	40.160	ng	0.00

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Target Compounds							
2) 1,4-Dioxane	3.317	88	221781	21.313	ng		98
3) Pyridine	3.705	79	623899	21.477	ng		99
4) n-Nitrosodimethylamine	3.617	42	185073	21.196	ng		96
6) Aniline	7.128	93	669123	20.906	ng		99
8) 2-Chlorophenol	7.369	128	420713	20.744	ng		98
9) Benzaldehyde	6.946	77	459162	22.400	ng		100
10) Phenol	6.987	94	696832	21.019	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	582174	20.753	ng		98
12) 1,3-Dichlorobenzene	7.699	146	503772	20.912	ng		99
13) 1,4-Dichlorobenzene	7.840	146	506071	20.804	ng		99
14) 1,2-Dichlorobenzene	8.158	146	493188	21.038	ng		99
15) Benzyl Alcohol	8.034	79	480369	20.912	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	535190	20.717	ng		99
17) 2-Methylphenol	8.234	107	439840	20.986	ng		100
18) Hexachloroethane	8.893	117	201027	20.608	ng		98
19) n-Nitroso-di-n-propyla...	8.605	70	467087	21.121	ng		100
20) 3+4-Methylphenols	8.558	107	584839	20.695	ng		99
22) Acetophenone	8.616	105	893676	20.919	ng	#	99
24) Nitrobenzene	8.993	77	597794	20.430	ng		99
25) Isophorone	9.516	82	1322653	20.781	ng		100
26) 2-Nitrophenol	9.705	139	105219	20.765	ng		97
27) 2,4-Dimethylphenol	9.758	122	322640	20.541	ng		98
28) bis(2-Chloroethoxy)met...	9.999	93	795422	20.473	ng		99
29) 2,4-Dichlorophenol	10.234	162	375130	20.213	ng		98
30) 1,2,4-Trichlorobenzene	10.458	180	482172	20.265	ng		98
31) Naphthalene	10.646	128	1492878	20.550	ng		100
32) Benzoic acid	9.840	122	144329	19.969	ng		95
33) 4-Chloroaniline	10.734	127	564170	20.675	ng		99
34) Hexachlorobutadiene	10.946	225	302459	20.189	ng		98
35) Caprolactam	11.481	113	163665	21.189	ng		98
36) 4-Chloro-3-methylphenol	11.857	107	531060	20.628	ng		99
37) 2-Methylnaphthalene	12.257	142	1015274	20.478	ng		100
38) 1-Methylnaphthalene	12.475	142	1008222	20.619	ng		100
40) 1,2,4,5-Tetrachloroben...	12.628	216	561317	20.209	ng		99
41) Hexachlorocyclopentadiene	12.616	237	164693	18.709	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	301820	19.562	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021484.D
 Acq On : 13 Aug 2024 14:42
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 23:51:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	341066	19.897	ng	99
46) 1,1'-Biphenyl	13.281	154	1359024	20.263	ng	99
47) 2-Chloronaphthalene	13.322	162	1058999	20.282	ng	99
48) 2-Nitroaniline	13.504	65	218570	18.481	ng	97
49) Acenaphthylene	14.169	152	1571109	20.468	ng	100
50) Dimethylphthalate	13.904	163	1297733	20.442	ng	99
51) 2,6-Dinitrotoluene	14.016	165	215611	19.423	ng	93
52) Acenaphthene	14.516	154	1018510	20.223	ng	100
53) 3-Nitroaniline	14.346	138	209499	19.232	ng #	91
54) 2,4-Dinitrophenol	14.540	184	49171	19.714	ng #	74
55) Dibenzofuran	14.851	168	1589415	20.515	ng	99
56) 4-Nitrophenol	14.634	139	167932	20.016	ng	97
57) 2,4-Dinitrotoluene	14.804	165	248400	18.676	ng	92
58) Fluorene	15.516	166	1334998	20.975	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.081	232	286326	19.679	ng	98
60) Diethylphthalate	15.293	149	1353063	20.773	ng	100
61) 4-Chlorophenyl-phenyle...	15.522	204	680988	20.699	ng	97
62) 4-Nitroaniline	15.522	138	229769	19.603	ng	92
63) Azobenzene	15.816	77	1685601	21.052	ng	99
65) 4,6-Dinitro-2-methylph...	15.581	198	79397	19.364	ng	96
66) n-Nitrosodiphenylamine	15.734	169	1118083	20.488	ng	100
67) 4-Bromophenyl-phenylether	16.434	248	432165	20.052	ng	99
68) Hexachlorobenzene	16.545	284	509441	20.002	ng	98
69) Atrazine	16.710	200	398442	21.266	ng	99
70) Pentachlorophenol	16.892	266	255526	18.381	ng	99
71) Phenanthrene	17.292	178	2033070	20.760	ng	99
72) Anthracene	17.398	178	1976030	20.574	ng	99
73) Carbazole	17.663	167	1916837	20.709	ng	99
74) Di-n-butylphthalate	18.269	149	2340289	20.587	ng	99
75) Fluoranthene	19.375	202	2511684	20.902	ng	100
77) Benzidine	19.575	184	924193	20.258	ng	99
78) Pyrene	19.751	202	2656705	19.814	ng	100
80) Butylbenzylphthalate	20.710	149	843482	18.934	ng	98
81) Benzo(a)anthracene	21.686	228	2648478	20.566	ng	100
82) 3,3'-Dichlorobenzidine	21.604	252	847490	20.526	ng	99
83) Chrysene	21.751	228	2472528	20.336	ng	100
84) Bis(2-ethylhexyl)phtha...	21.651	149	1520788	19.981	ng	99
85) Di-n-octyl phthalate	22.963	149	2286827	20.217	ng	99
87) Indeno(1,2,3-cd)pyrene	28.980	276	3071376m	20.320	ng	
88) Benzo(b)fluoranthene	24.033	252	2700298	20.161	ng	98
89) Benzo(k)fluoranthene	24.104	252	2620830	20.059	ng	99
90) Benzo(a)pyrene	24.951	252	2339364	20.127	ng	98
91) Dibenzo(a,h)anthracene	29.080	278	2579763	20.539	ng	99
92) Benzo(g,h,i)perylene	30.168	276	2555517	20.300	ng	100

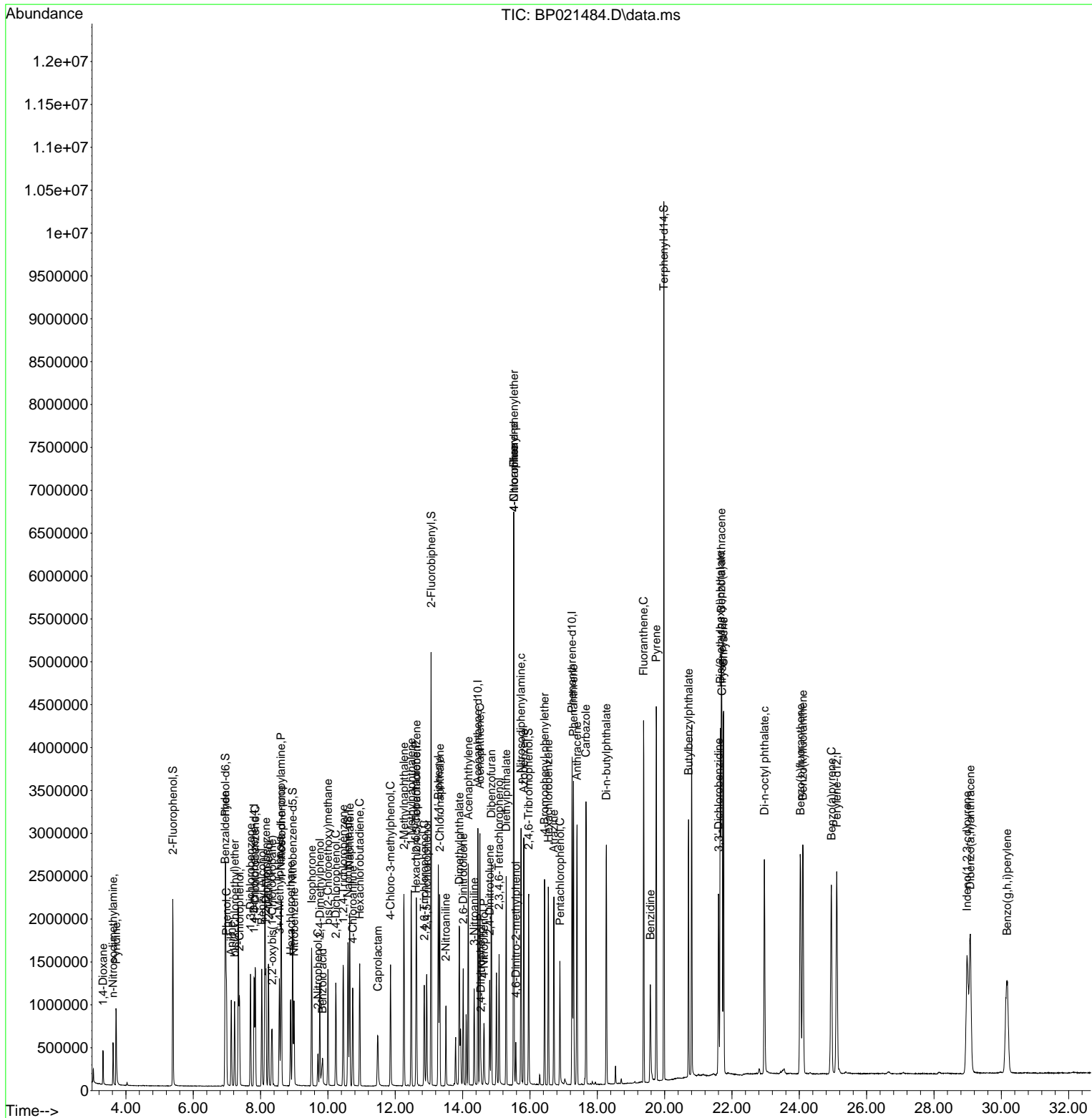
(#) = qualifier out of range (m) = manual integration (+) = signals summed

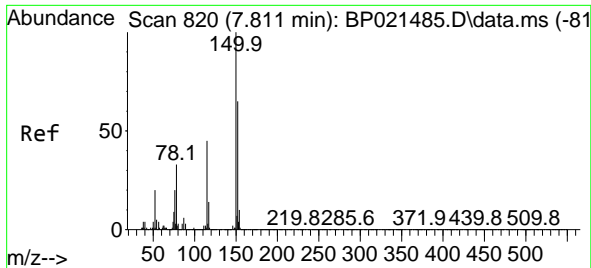
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021484.D
 Acq On : 13 Aug 2024 14:42
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 SSTDICC020

Quant Time: Aug 13 23:51:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

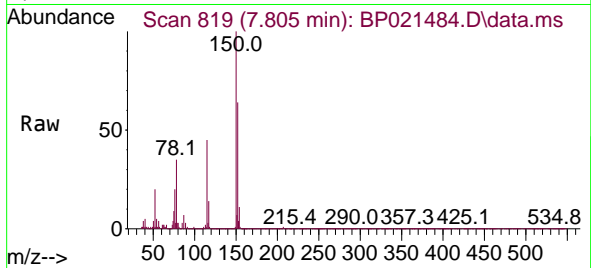
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

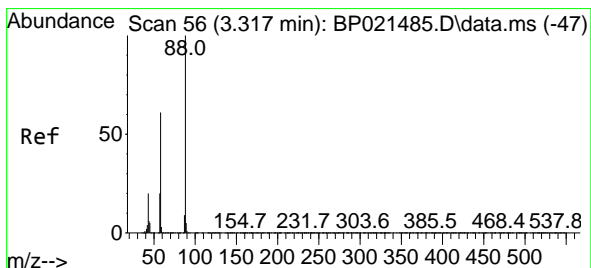
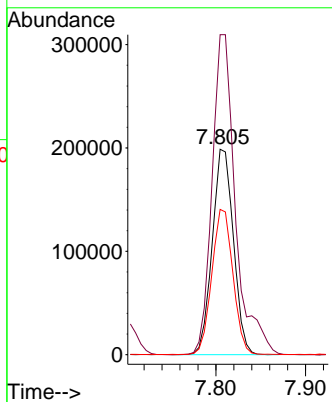
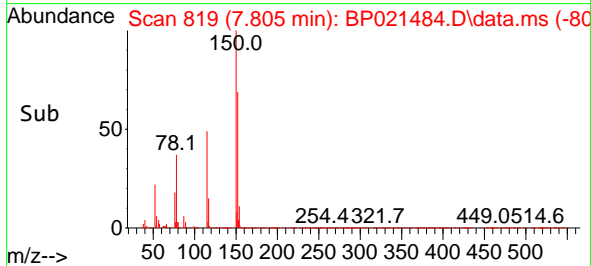
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020



Tgt Ion:152 Resp: 325874
 Ion Ratio Lower Upper
 152 100
 150 155.8 122.4 183.6
 115 70.7 54.7 82.1

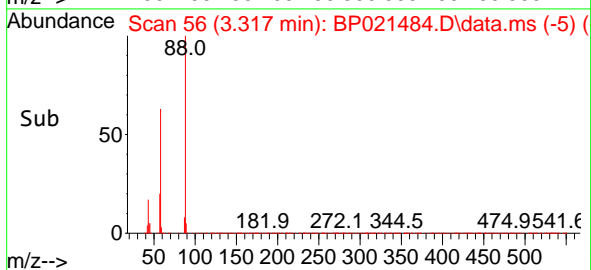
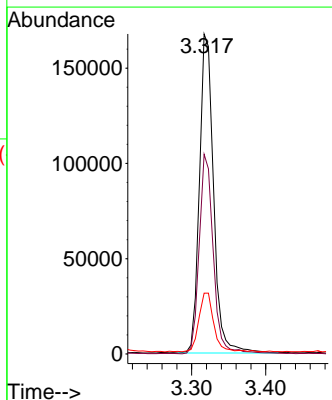
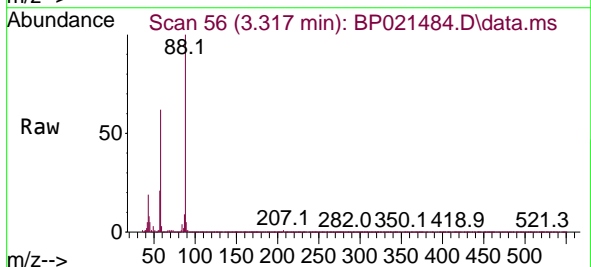
Manual Integrations
 APPROVED

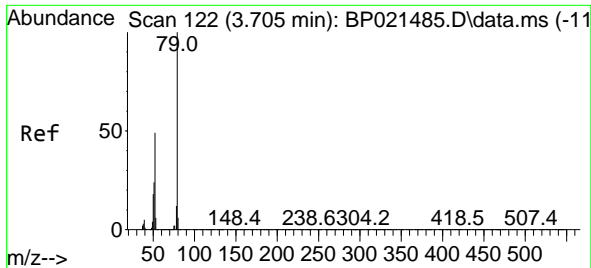
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#2
 1,4-Dioxane
 Concen: 21.313 ng
 RT: 3.317 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

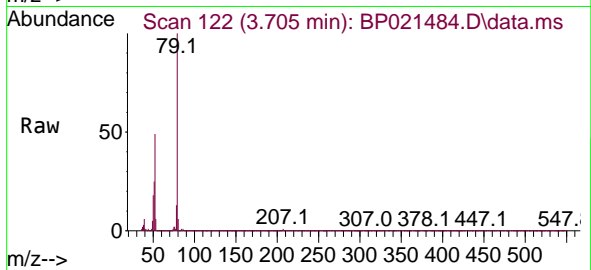
Tgt Ion: 88 Resp: 221781
 Ion Ratio Lower Upper
 88 100
 58 62.4 48.7 73.1
 43 19.4 15.4 23.2





#3
 Pyridine
 Concen: 21.477 ng
 RT: 3.705 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

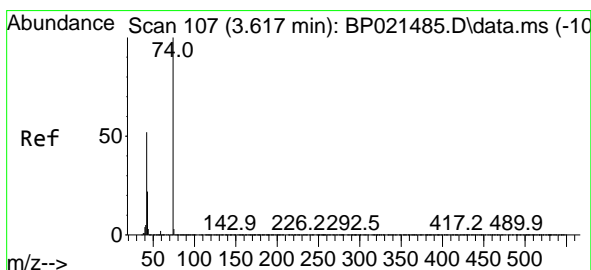
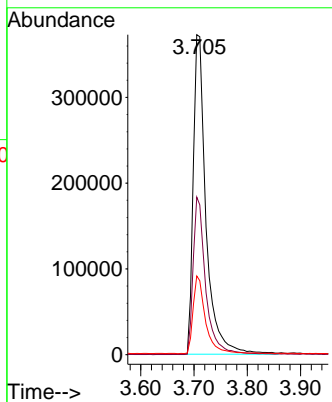
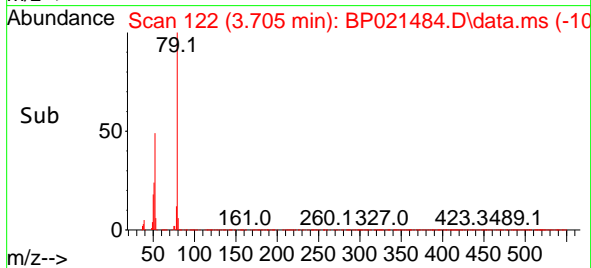
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC020



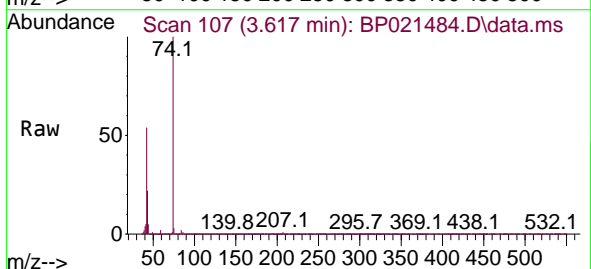
Tgt Ion: 79 Resp: 62389
 Ion Ratio Lower Upper
 79 100
 52 49.3 39.0 58.6
 51 24.6 19.2 28.8

Manual Integrations
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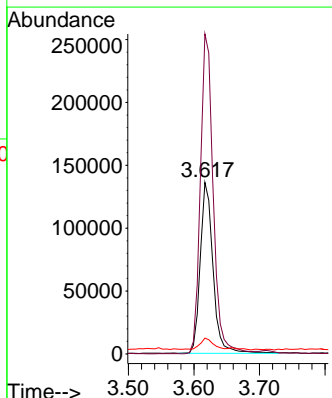
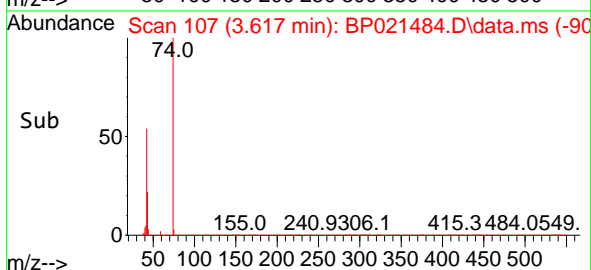
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

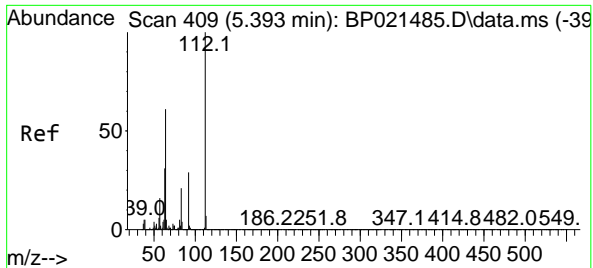


#4
 n-Nitrosodimethylamine
 Concen: 21.196 ng
 RT: 3.617 min Scan# 107
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



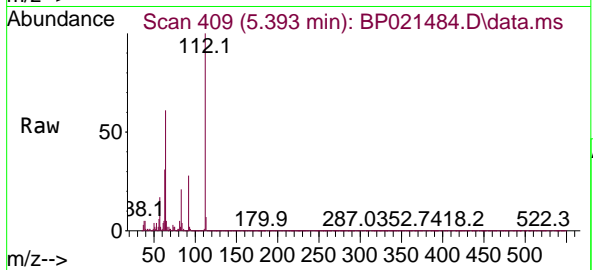
Tgt Ion: 42 Resp: 185073
 Ion Ratio Lower Upper
 42 100
 74 186.5 154.3 231.5
 44 9.2 6.2 9.4





#5
 2-Fluorophenol
 Concen: 41.728 ng
 RT: 5.393 min Scan# 409
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

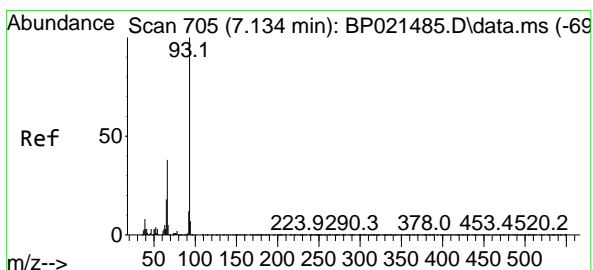
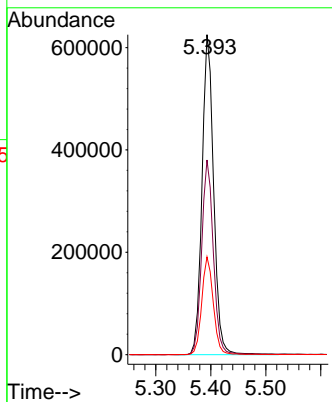
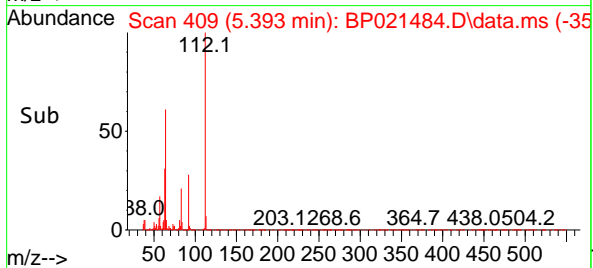
Instrument : BNA_P
 Client Sample Id : SSTDICC020



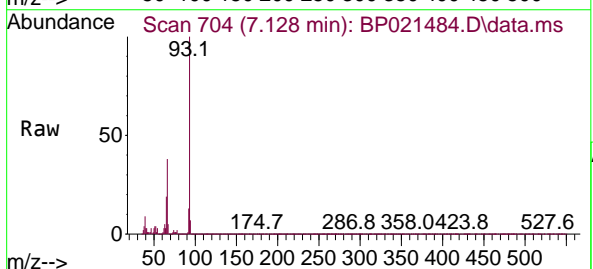
Tgt Ion: 112 Resp: 915778
 Ion Ratio Lower Upper
 112 100
 64 60.9 49.0 73.6
 63 30.6 24.6 36.8

Manual Integrations
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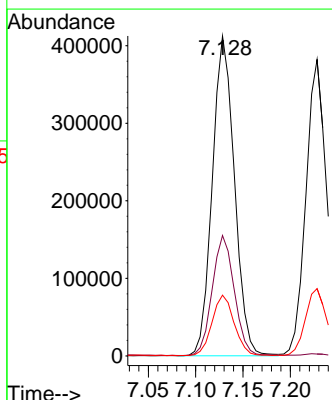
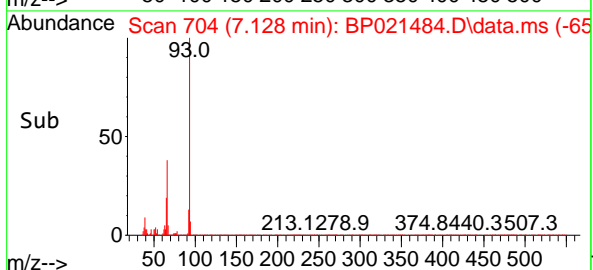
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

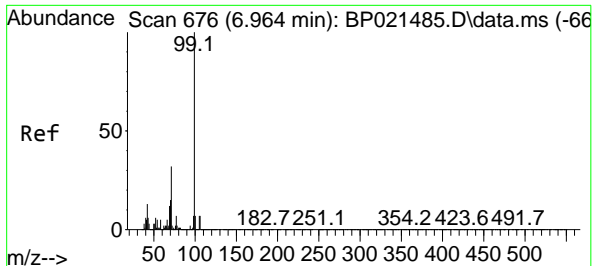


#6
 Aniline
 Concen: 20.906 ng
 RT: 7.128 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



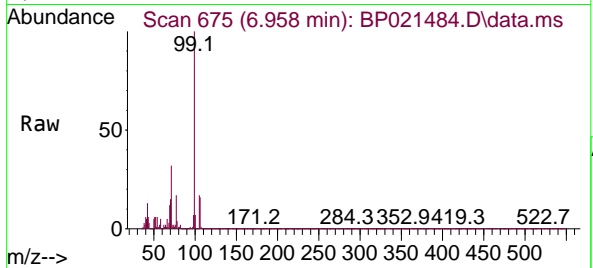
Tgt Ion: 93 Resp: 669123
 Ion Ratio Lower Upper
 93 100
 66 37.6 30.2 45.2
 65 19.0 14.7 22.1





#7
 Phenol-d6
 Concen: 41.979 ng
 RT: 6.958 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

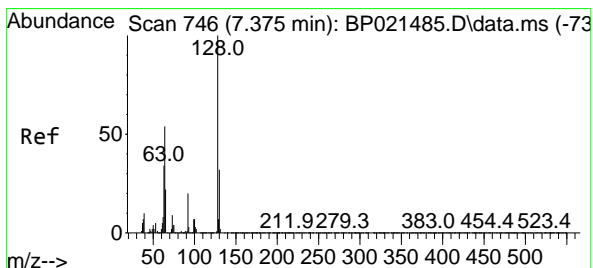
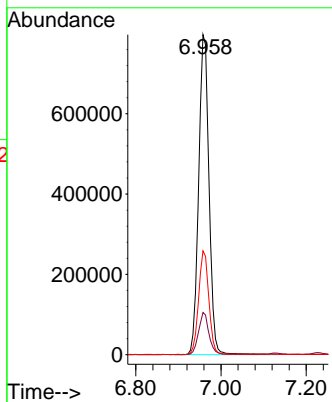
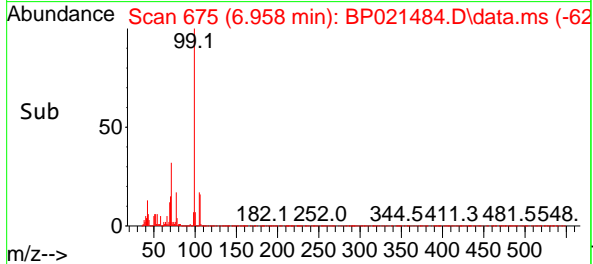
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC020



Tgt Ion: 99 Resp: 134395
 Ion Ratio Lower Upper
 99 100
 42 13.2 10.2 15.4
 71 32.4 25.8 38.8

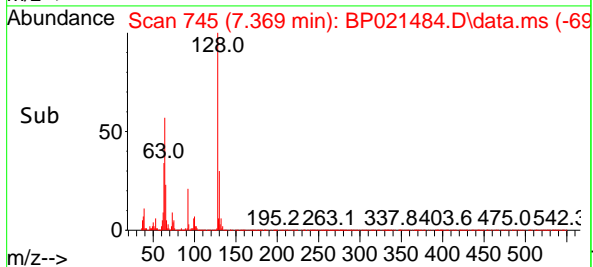
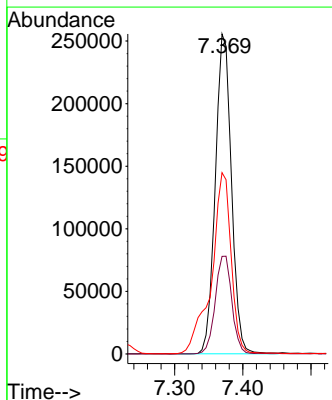
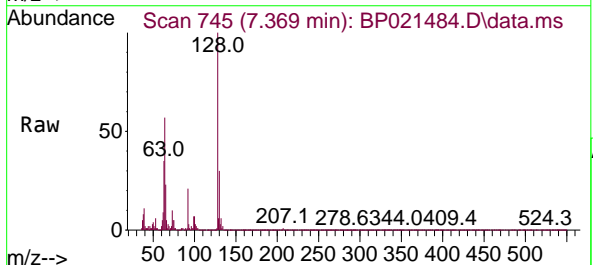
Manual Integrations
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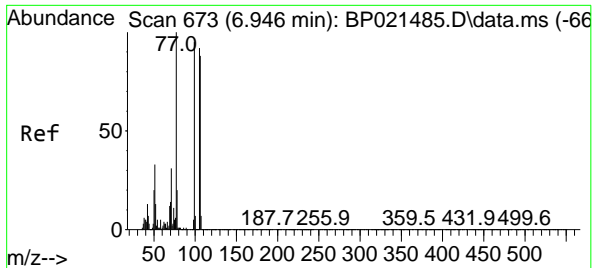
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#8
 2-Chlorophenol
 Concen: 20.744 ng
 RT: 7.369 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

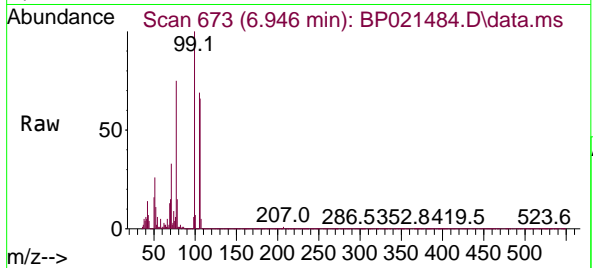
Tgt Ion:128 Resp: 420713
 Ion Ratio Lower Upper
 128 100
 130 30.5 11.6 51.6
 64 56.6 35.3 75.3





#9
Benzaldehyde
Concen: 22.400 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021484.D
Acq: 13 Aug 2024 14:42

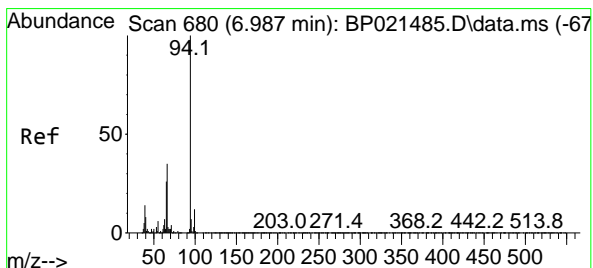
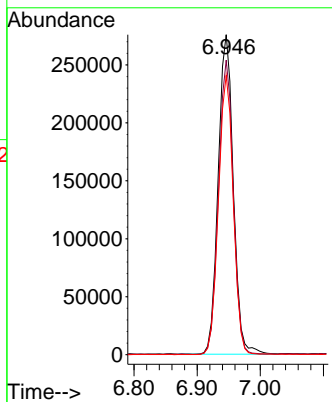
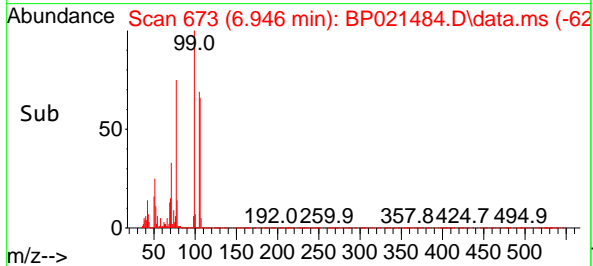
Instrument :
BNA_P
Client Sample Id :
SSTDIC020



Tgt Ion: 77 Resp: 45916
Ion Ratio Lower Upper
77 100
105 92.1 72.1 112.1
106 87.3 67.9 107.9

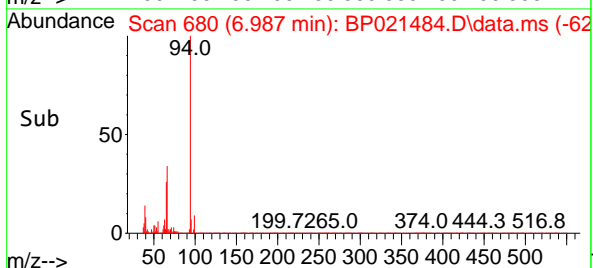
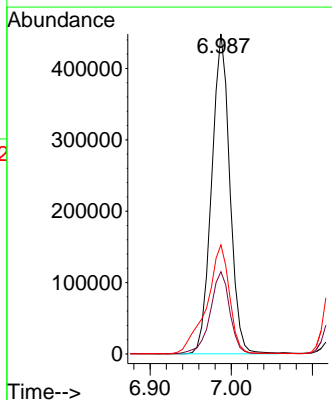
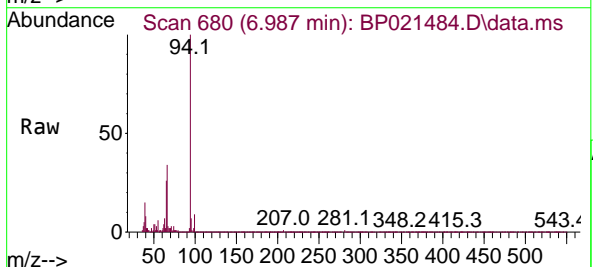
Manual Integrations
APPROVED

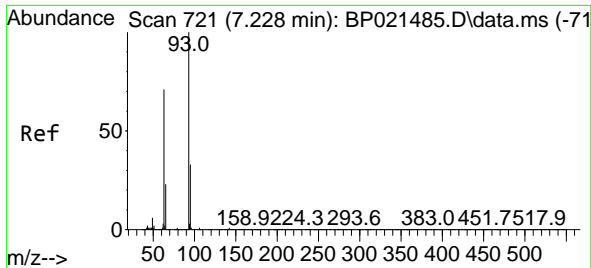
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#10
Phenol
Concen: 21.019 ng
RT: 6.987 min Scan# 680
Delta R.T. 0.000 min
Lab File: BP021484.D
Acq: 13 Aug 2024 14:42

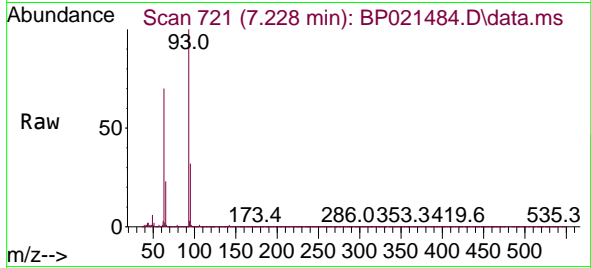
Tgt Ion: 94 Resp: 696832
Ion Ratio Lower Upper
94 100
65 25.7 6.5 46.5
66 34.1 14.7 54.7





#11
 bis(2-Chloroethyl)ether
 Concen: 20.753 ng
 RT: 7.228 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

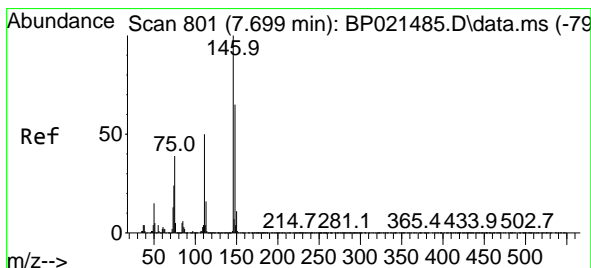
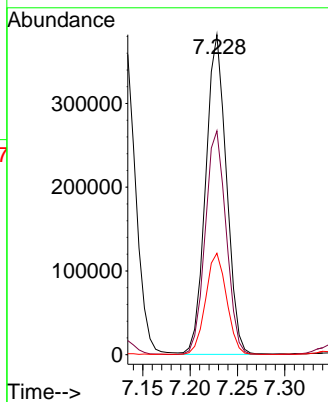
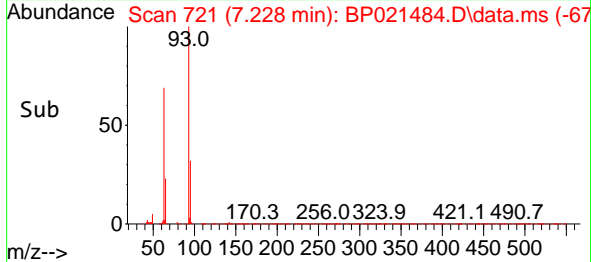


Tgt Ion: 93 Resp: 582174

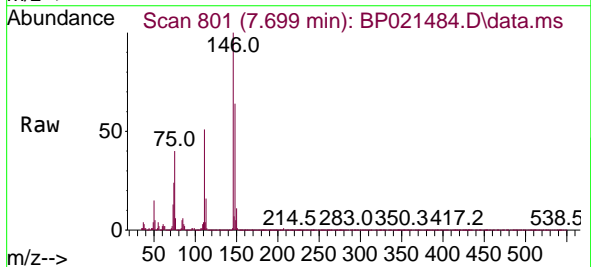
Ion	Ratio	Lower	Upper
93	100		
63	69.9	51.0	91.0
95	31.7	12.9	52.9

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

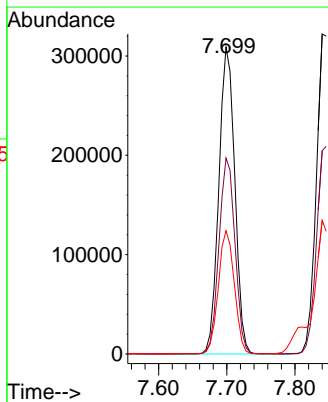
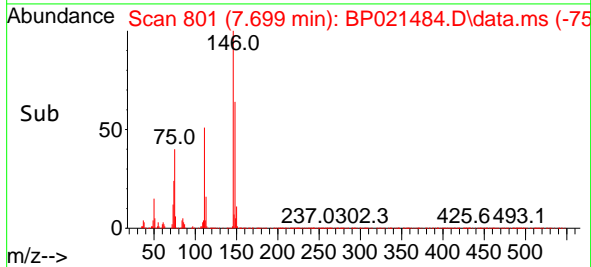


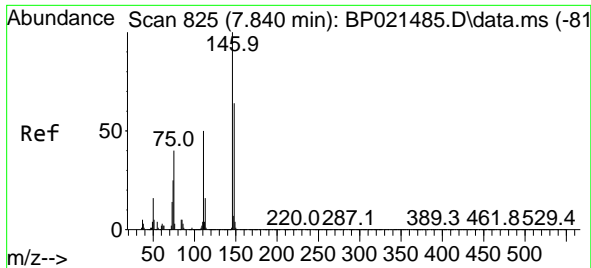
#12
 1,3-Dichlorobenzene
 Concen: 20.912 ng
 RT: 7.699 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



Tgt Ion:146 Resp: 503772

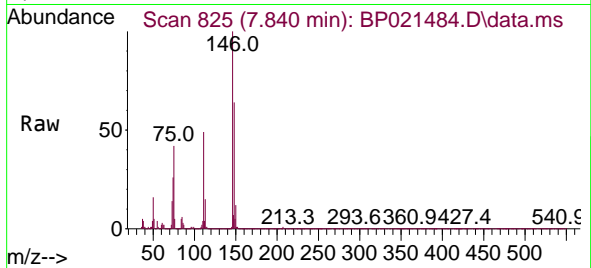
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
75	40.2	31.3	46.9





#13
 1,4-Dichlorobenzene
 Concen: 20.804 ng
 RT: 7.840 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

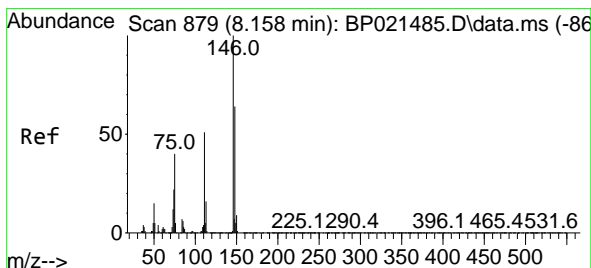
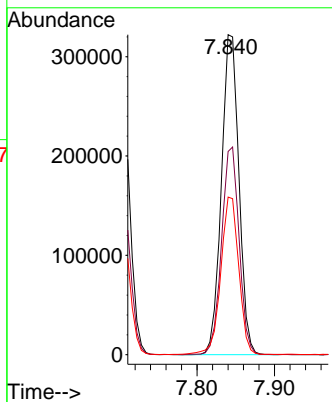
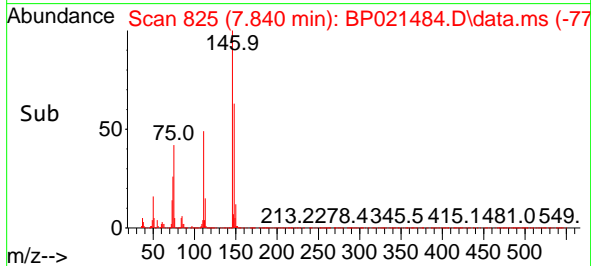
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020



Tgt Ion:146 Resp: 50607
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.5 77.3
 111 49.3 40.3 60.5

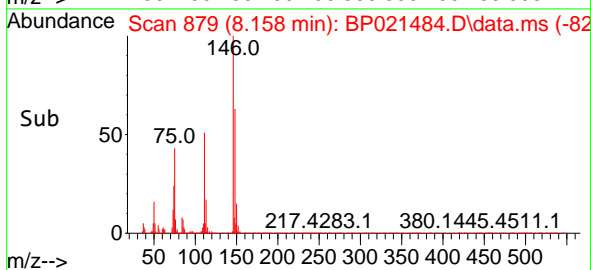
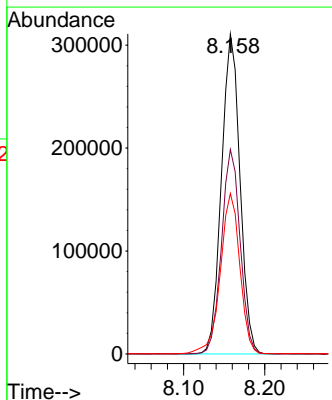
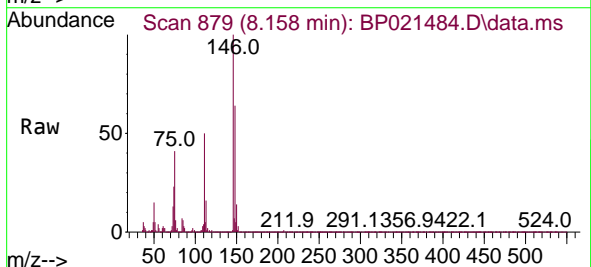
Manual Integrations
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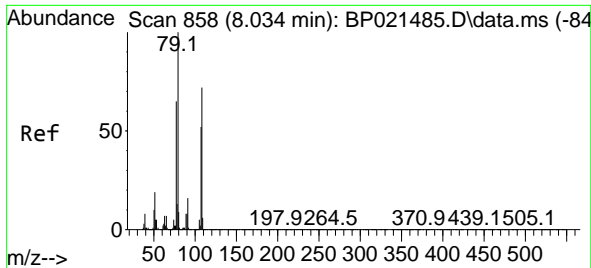
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#14
 1,2-Dichlorobenzene
 Concen: 21.038 ng
 RT: 8.158 min Scan# 879
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

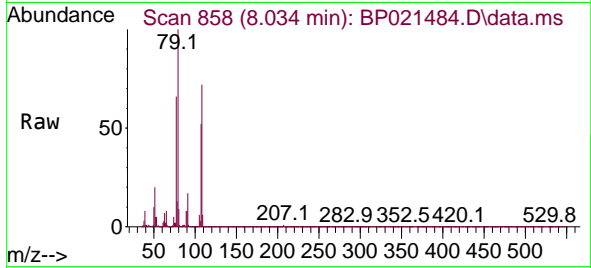
Tgt Ion:146 Resp: 493188
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.5 77.3
 111 50.1 41.1 61.7





#15
 Benzyl Alcohol
 Concen: 20.912 ng
 RT: 8.034 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

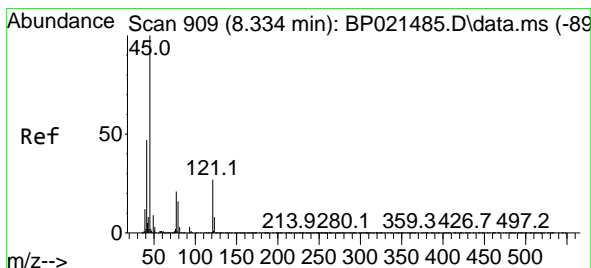
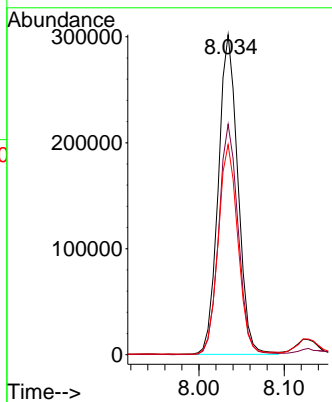
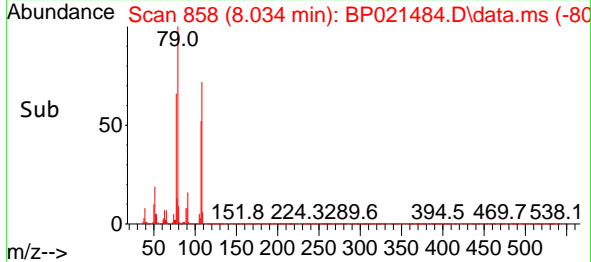


Tgt Ion: 79 Resp: 480369

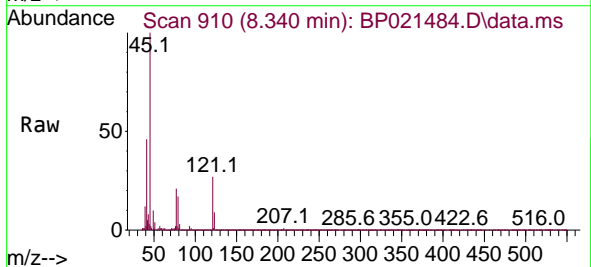
Ion	Ratio	Lower	Upper
79	100		
108	72.0	57.9	86.9
77	65.7	51.8	77.8

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

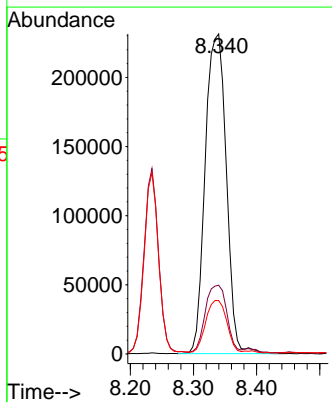
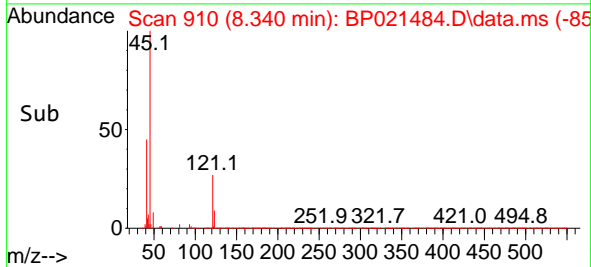


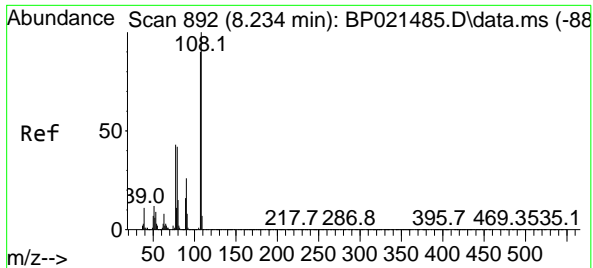
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 20.717 ng
 RT: 8.340 min Scan# 910
 Delta R.T. 0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



Tgt Ion: 45 Resp: 535190

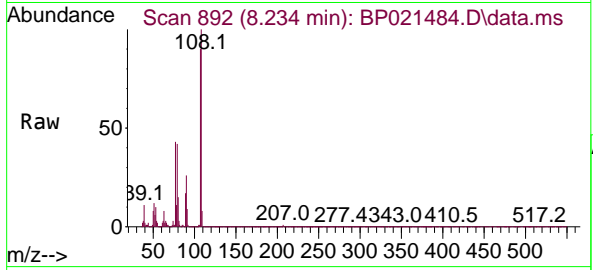
Ion	Ratio	Lower	Upper
45	100		
77	21.5	1.9	41.9
79	16.7	0.0	36.6





#17
 2-Methylphenol
 Concen: 20.986 ng
 RT: 8.234 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

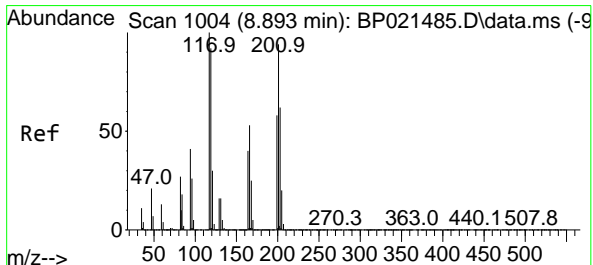
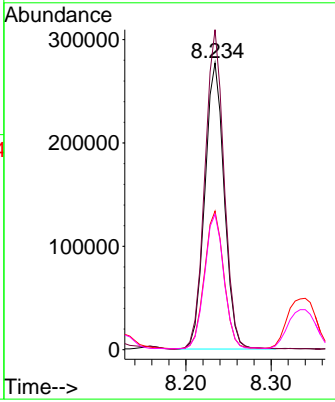
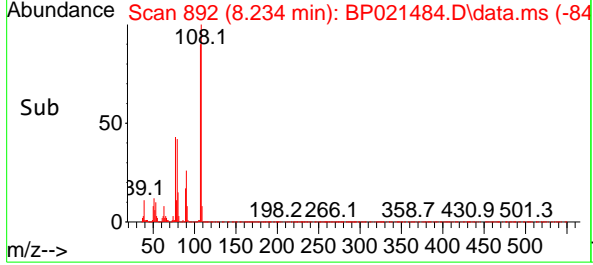
Instrument : BNA_P
 Client Sample Id : SSTDIC020



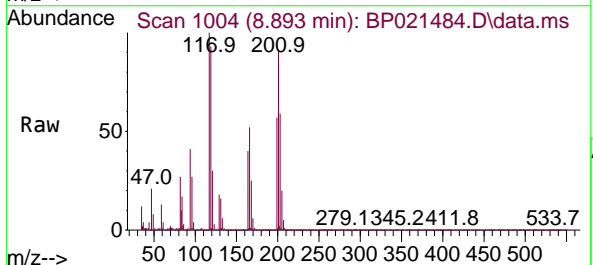
Tgt Ion: 107 Resp: 439840

Ion	Ratio	Lower	Upper
107	100		
108	111.6	88.8	133.2
77	48.4	38.7	58.1
79	47.2	37.4	56.2

Manual Integrations
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 Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

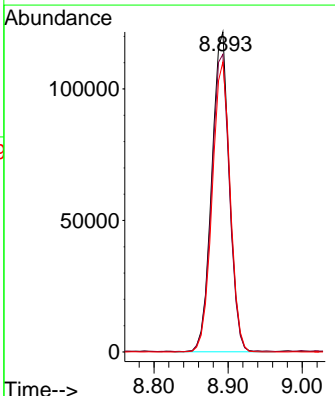
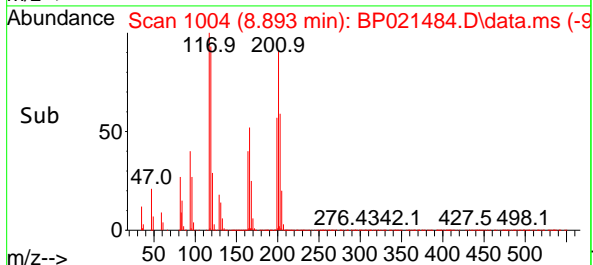


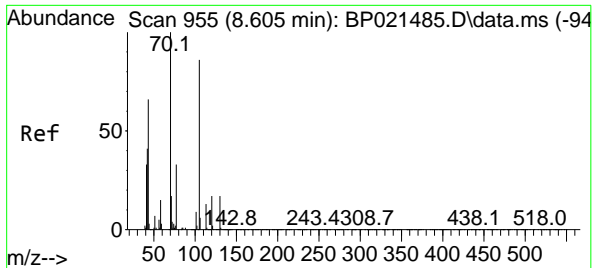
#18
 Hexachloroethane
 Concen: 20.608 ng
 RT: 8.893 min Scan# 1004
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



Tgt Ion: 117 Resp: 201027

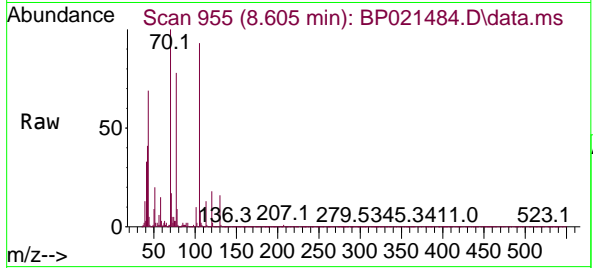
Ion	Ratio	Lower	Upper
117	100		
119	93.0	73.9	110.9
201	90.6	74.9	112.3





#19
 n-Nitroso-di-n-propylamine
 Concen: 21.121 ng
 RT: 8.605 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

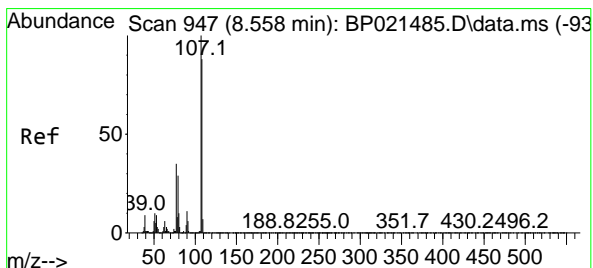
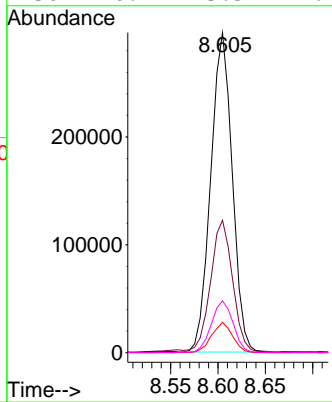
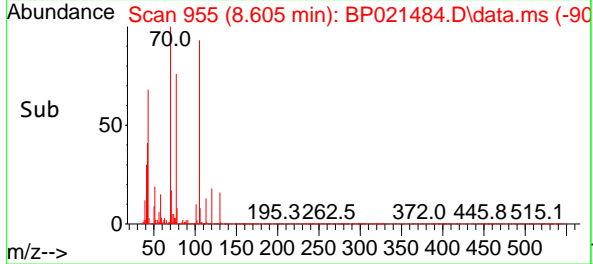


Tgt Ion: 70 Resp: 46708

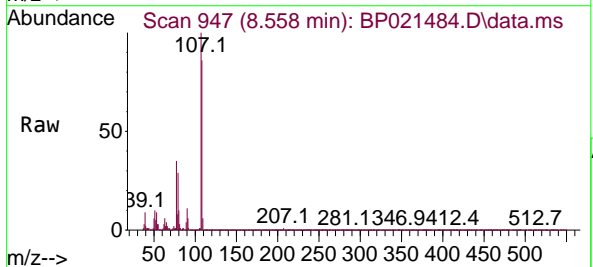
Ion	Ratio	Lower	Upper
70	100		
42	41.4	33.1	49.7
101	9.5	7.4	11.2
130	16.2	13.3	19.9

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

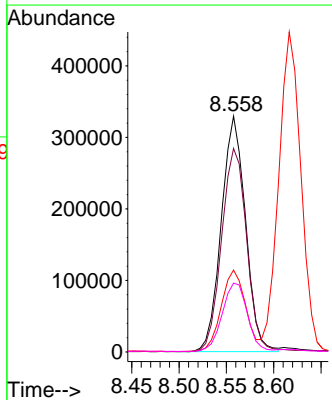
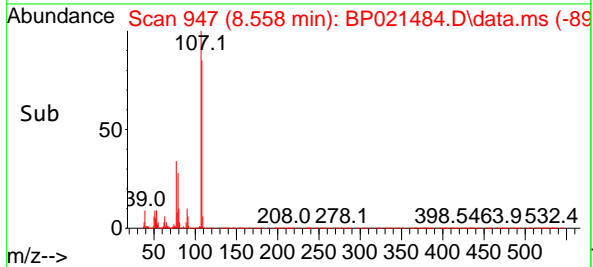


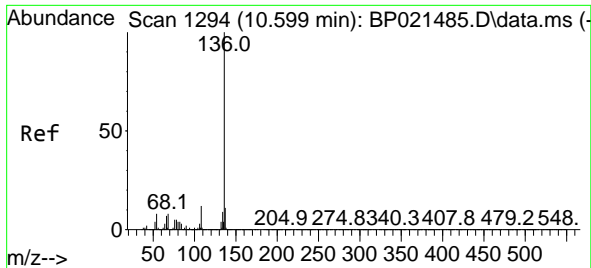
#20
 3+4-Methylphenols
 Concen: 20.695 ng
 RT: 8.558 min Scan# 947
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



Tgt Ion: 107 Resp: 584839

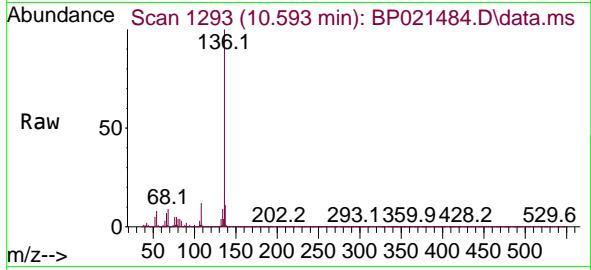
Ion	Ratio	Lower	Upper
107	100		
108	86.3	67.6	107.6
77	34.7	15.0	55.0
79	29.2	8.9	48.9





#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.593 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC020

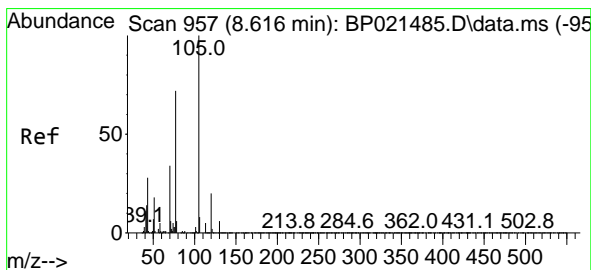
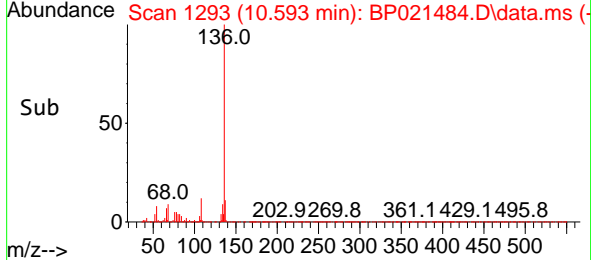
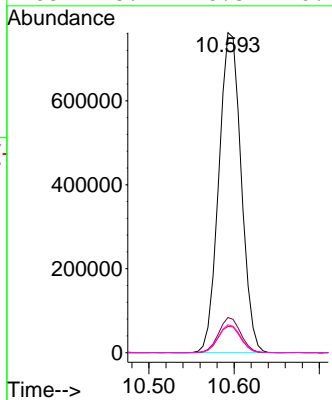


Tgt Ion:136 Resp: 139058

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.2	6.3	9.5
68	8.7	6.8	10.2

Manual Integrations
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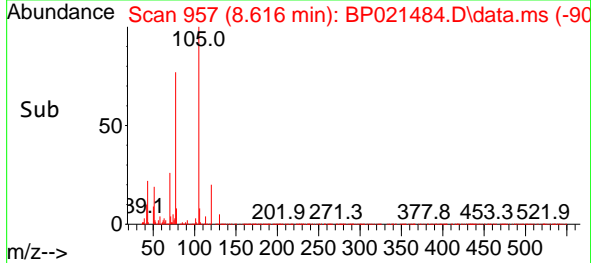
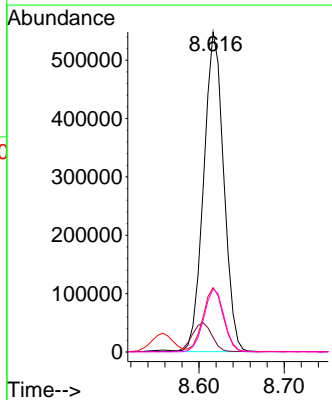
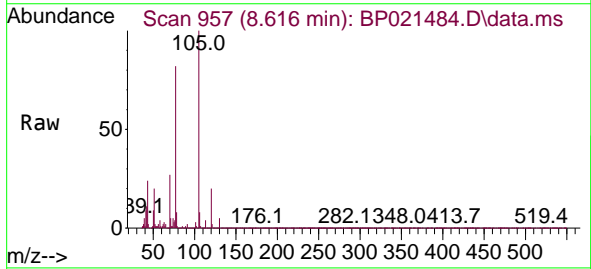
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

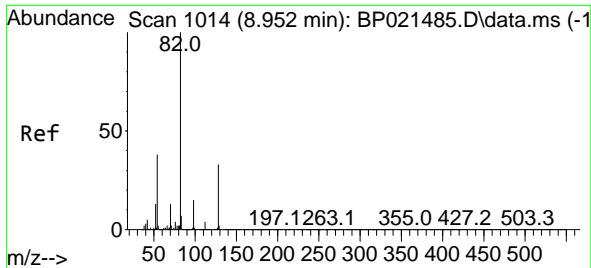


#22
 Acetophenone
 Concen: 20.919 ng
 RT: 8.616 min Scan# 957
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Tgt Ion:105 Resp: 893676

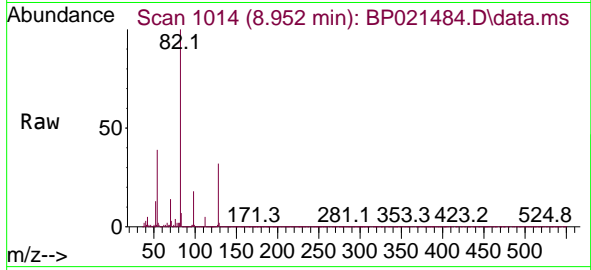
Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.6	7.0#
51	20.1	16.3	24.5
120	19.6	16.2	24.2





#23
 Nitrobenzene-d5
 Concen: 39.857 ng
 RT: 8.952 min Scan# 1014
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

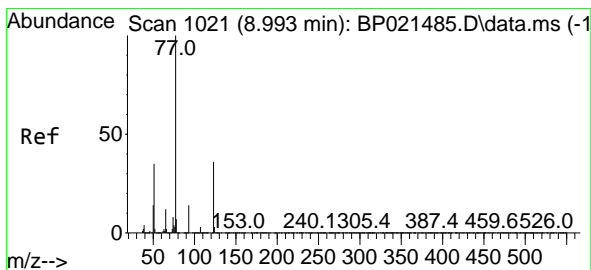
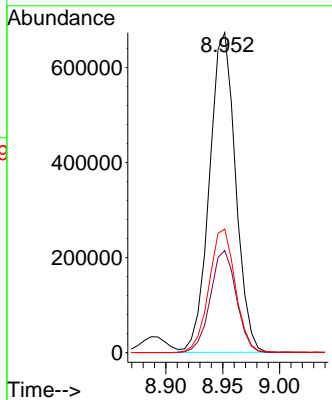
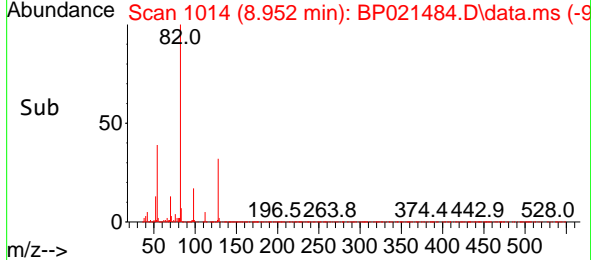
Instrument : BNA_P
 Client Sample Id : SSTDIC020



Tgt Ion: 82 Resp: 107382
 Ion Ratio Lower Upper
 82 100
 128 31.9 26.5 39.7
 54 38.7 30.3 45.5

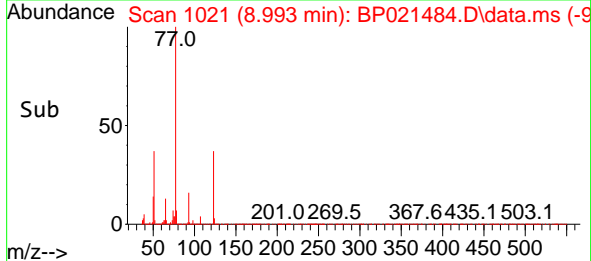
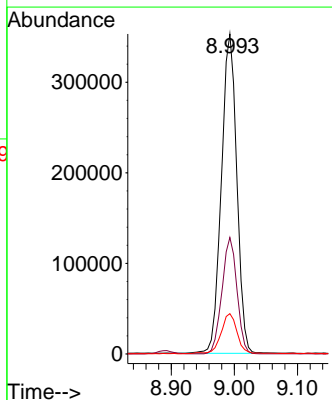
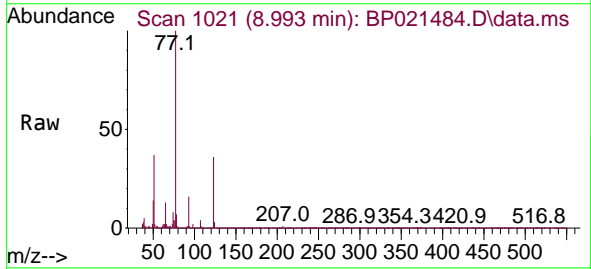
Manual Integrations
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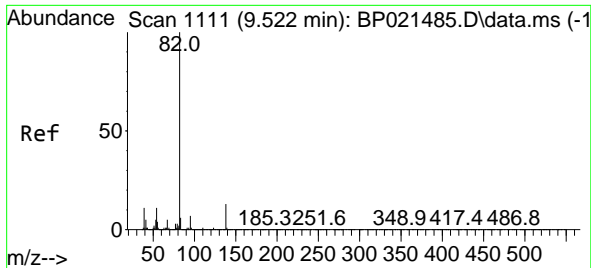
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#24
 Nitrobenzene
 Concen: 20.430 ng
 RT: 8.993 min Scan# 1021
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

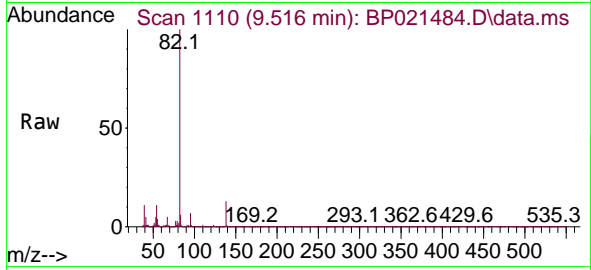
Tgt Ion: 77 Resp: 597794
 Ion Ratio Lower Upper
 77 100
 123 36.4 29.5 44.3
 65 12.6 9.9 14.9





#25
 Isophorone
 Concen: 20.781 ng
 RT: 9.516 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

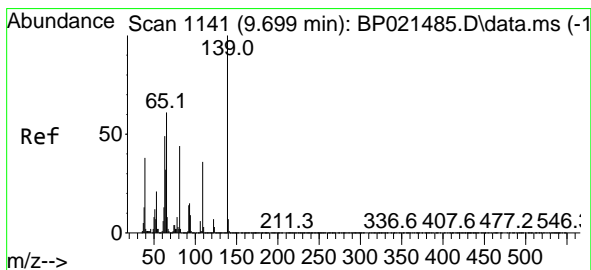
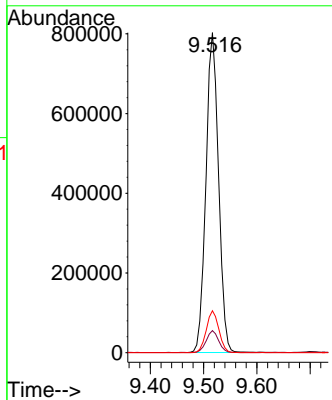
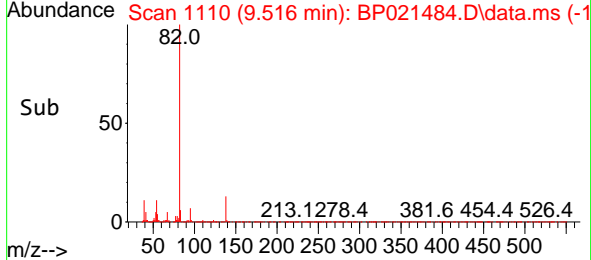
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC020



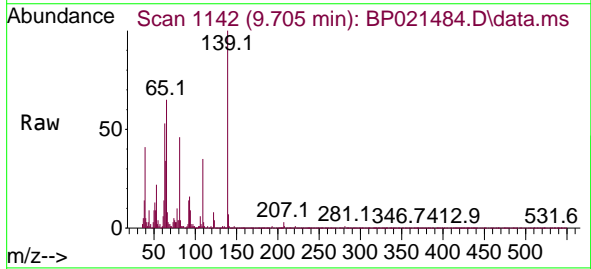
Tgt Ion: 82 Resp: 132265
 Ion Ratio Lower Upper
 82 100
 95 6.9 5.4 8.2
 138 13.1 10.6 16.0

Manual Integrations
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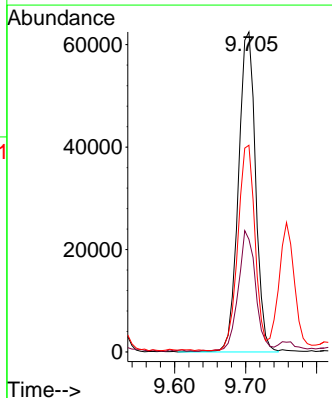
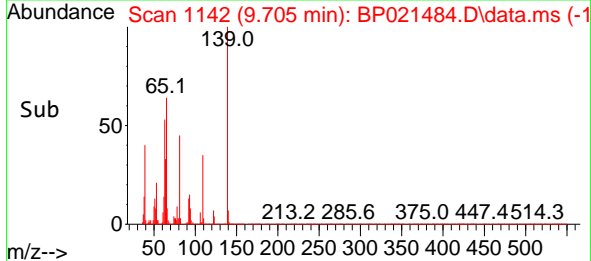
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

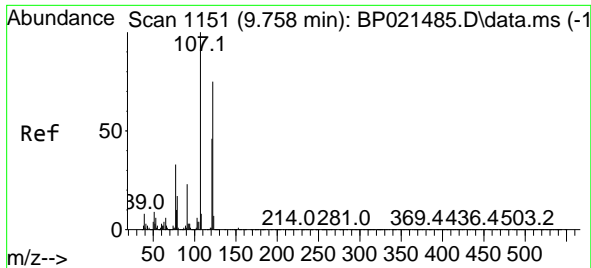


#26
 2-Nitrophenol
 Concen: 20.765 ng
 RT: 9.705 min Scan# 1142
 Delta R.T. 0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



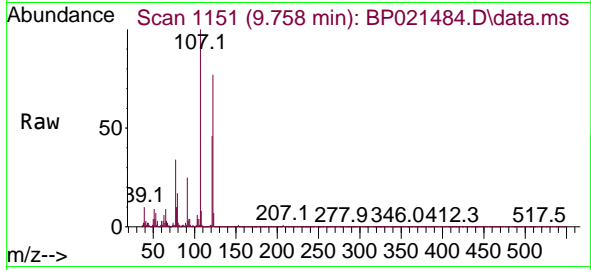
Tgt Ion:139 Resp: 105219
 Ion Ratio Lower Upper
 139 100
 109 35.2 28.9 43.3
 65 64.6 49.0 73.6





#27
 2,4-Dimethylphenol
 Concen: 20.541 ng
 RT: 9.758 min Scan# 1151
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

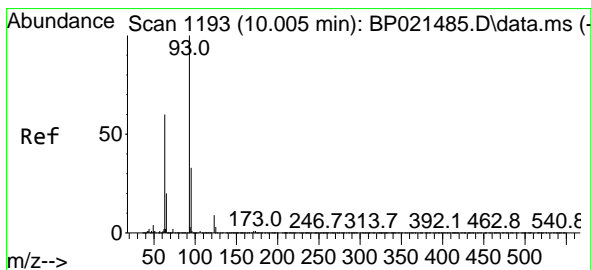
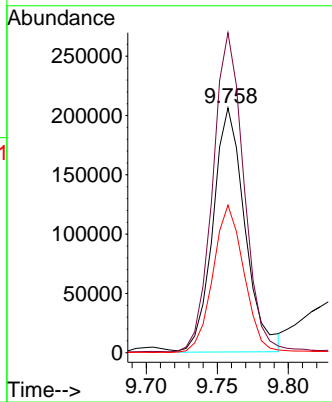
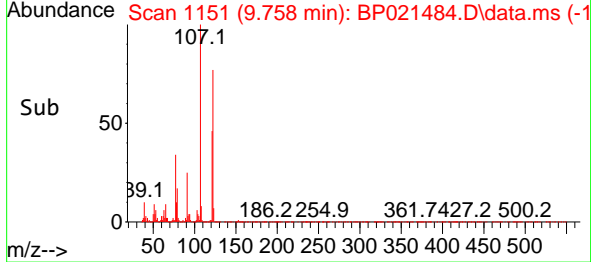
Instrument : BNA_P
 Client Sample Id : SSTDIC020



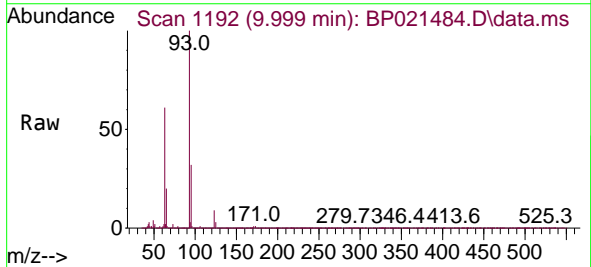
Tgt Ion: 122 Resp: 322640
 Ion Ratio Lower Upper
 122 100
 107 130.7 106.2 159.4
 121 60.3 48.8 73.2

Manual Integrations
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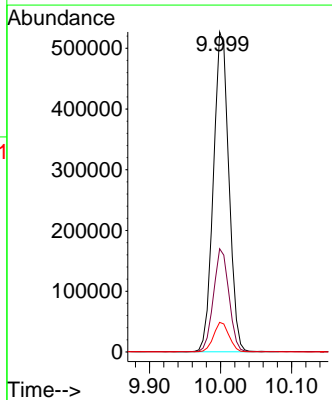
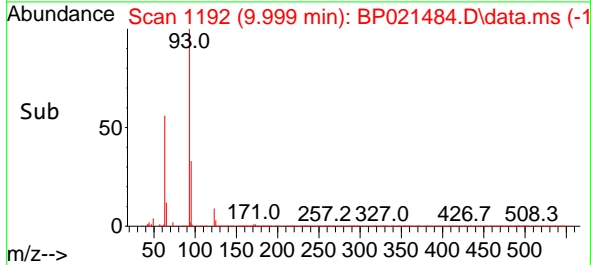
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

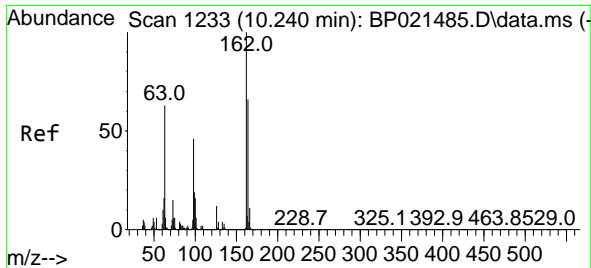


#28
 bis(2-Chloroethoxy)methane
 Concen: 20.473 ng
 RT: 9.999 min Scan# 1192
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



Tgt Ion: 93 Resp: 795422
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.2 39.4
 123 9.2 7.6 11.4





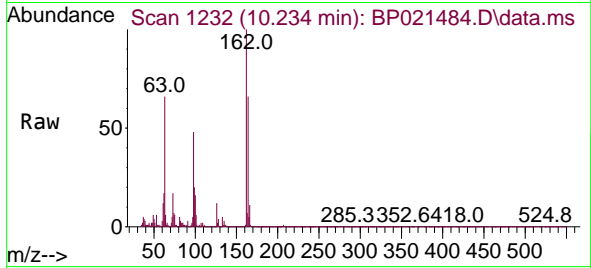
#29
 2,4-Dichlorophenol
 Concen: 20.213 ng
 RT: 10.234 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Instrument :

BNA_P

ClientSampleId :

SSTDIC020



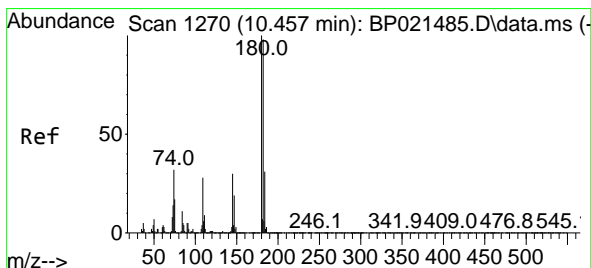
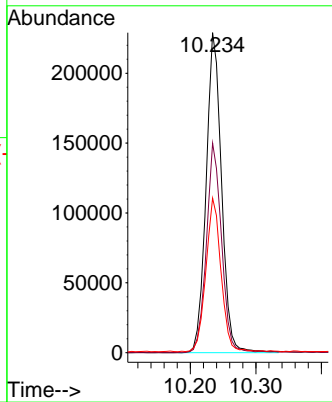
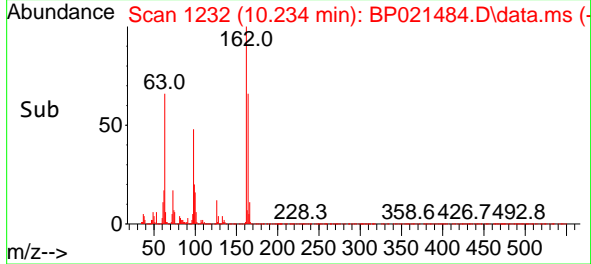
Tgt Ion:162 Resp: 375130
 Ion Ratio Lower Upper
 162 100
 164 65.5 45.9 85.9
 98 48.3 26.3 66.3

Manual Integrations

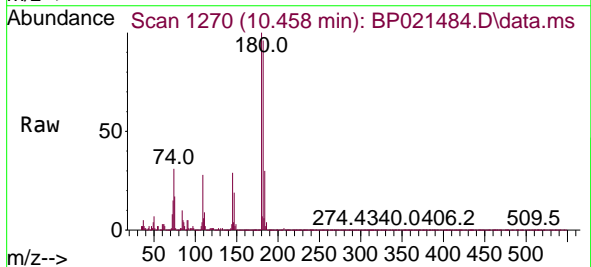
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

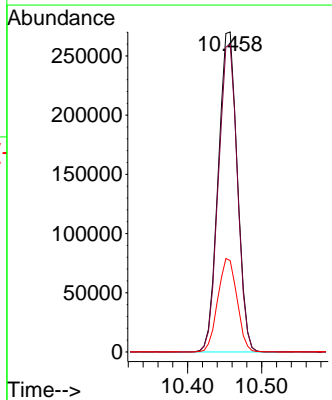
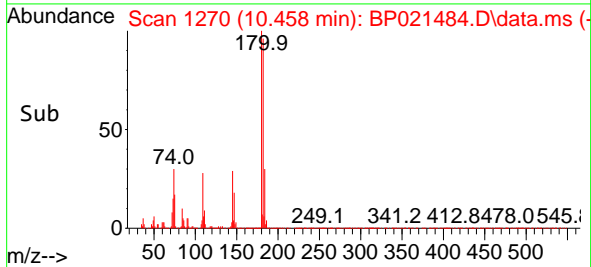
Supervised By :mohammad ahmed 08/14/2024

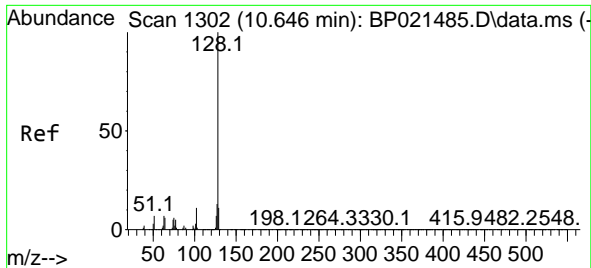


#30
 1,2,4-Trichlorobenzene
 Concen: 20.265 ng
 RT: 10.458 min Scan# 1270
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



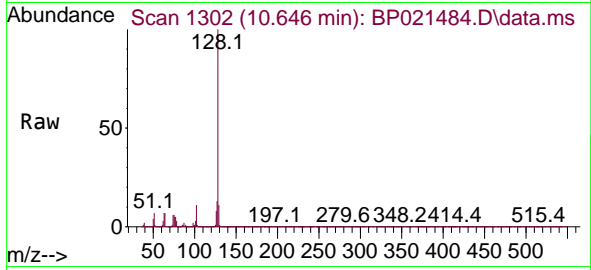
Tgt Ion:180 Resp: 482172
 Ion Ratio Lower Upper
 180 100
 182 96.0 78.3 117.5
 145 28.6 24.0 36.0





#31
 Naphthalene
 Concen: 20.550 ng
 RT: 10.646 min Scan# 1165
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

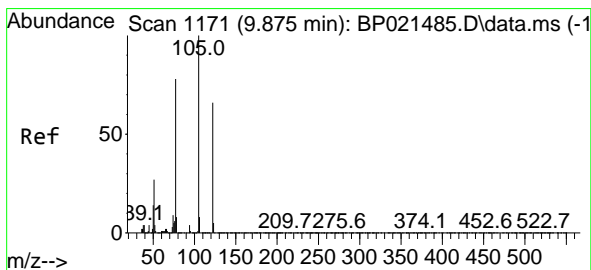
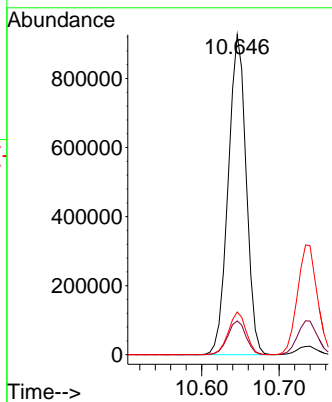
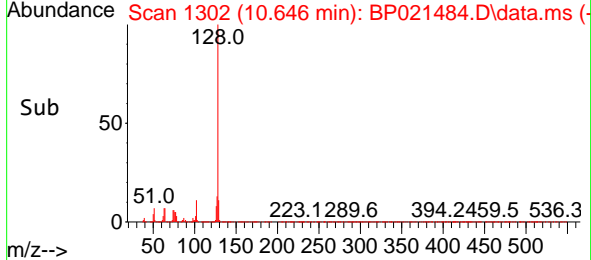
Instrument : BNA_P
 Client Sample Id : SSTDIC020



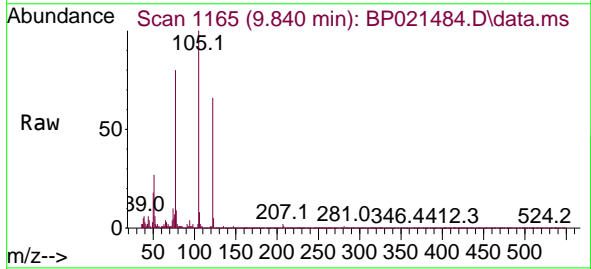
Tgt Ion:128 Resp: 1492878
 Ion Ratio Lower Upper
 128 100
 129 10.5 8.6 12.8
 127 13.3 10.6 15.8

Manual Integrations
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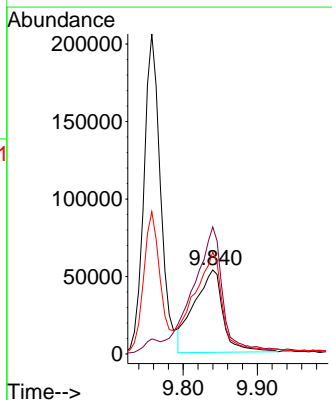
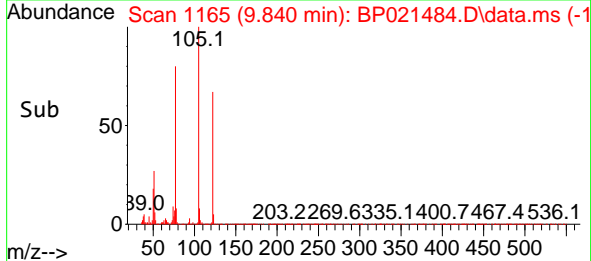
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

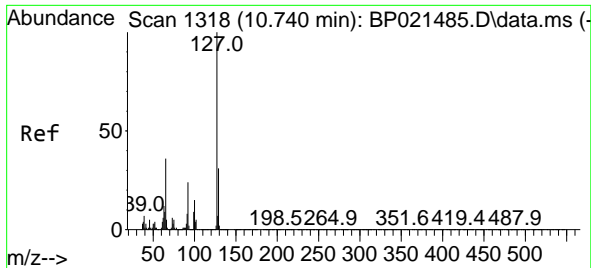


#32
 Benzoic acid
 Concen: 19.969 ng
 RT: 9.840 min Scan# 1165
 Delta R.T. -0.035 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



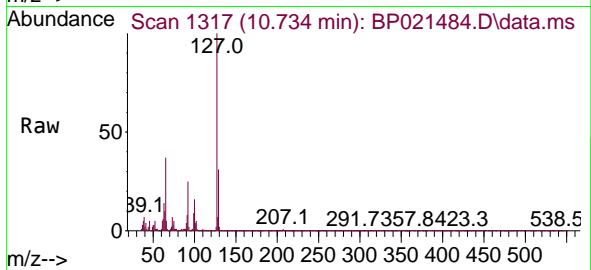
Tgt Ion:122 Resp: 144329
 Ion Ratio Lower Upper
 122 100
 105 151.1 124.6 164.6
 77 121.0 96.2 136.2





#33
 4-Chloroaniline
 Concen: 20.675 ng
 RT: 10.734 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC020

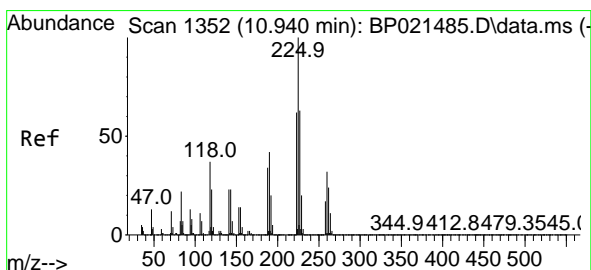
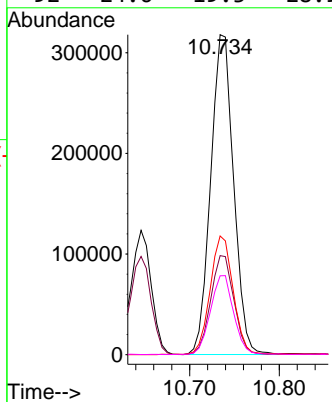
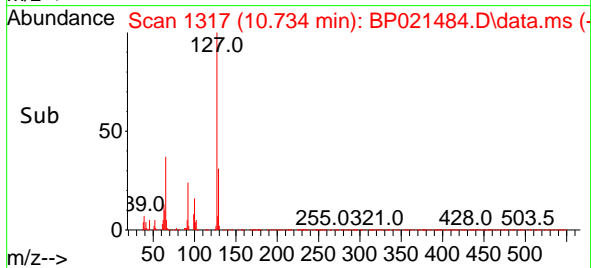


Tgt Ion: 127 Resp: 564170

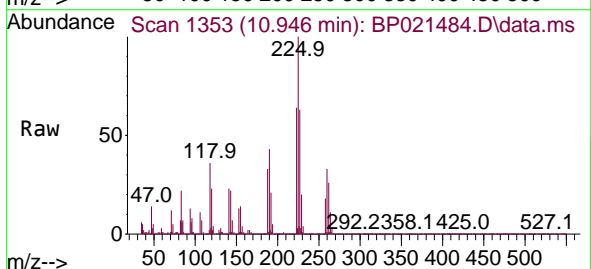
Ion	Ratio	Lower	Upper
127	100		
129	31.0	24.5	36.7
65	37.1	28.9	43.3
92	24.6	19.3	28.9

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

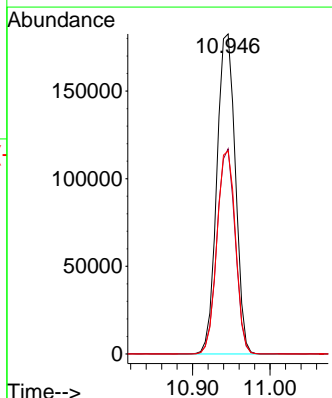
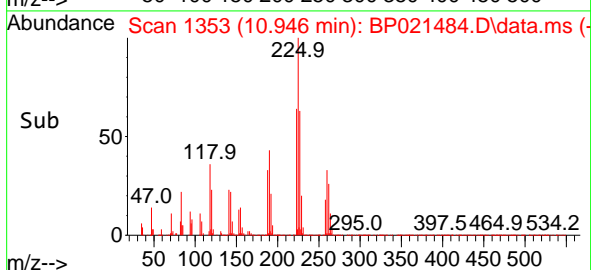


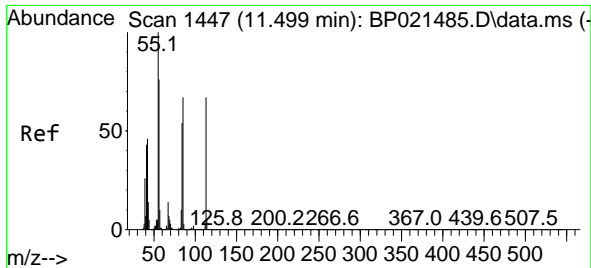
#34
 Hexachlorobutadiene
 Concen: 20.189 ng
 RT: 10.946 min Scan# 1353
 Delta R.T. 0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



Tgt Ion: 225 Resp: 302459

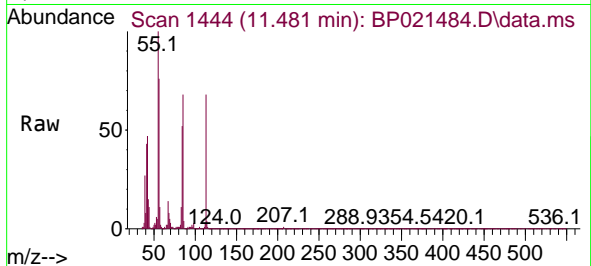
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.6	74.4
227	63.4	50.1	75.1





#35
 Caprolactam
 Concen: 21.189 ng
 RT: 11.481 min Scan# 1447
 Delta R.T. -0.018 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

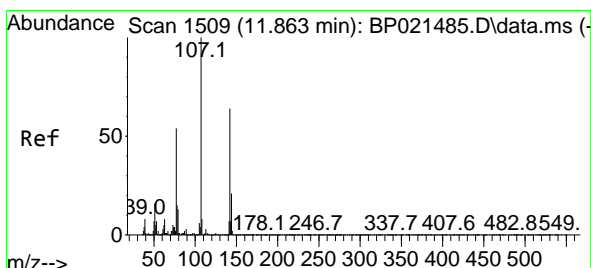
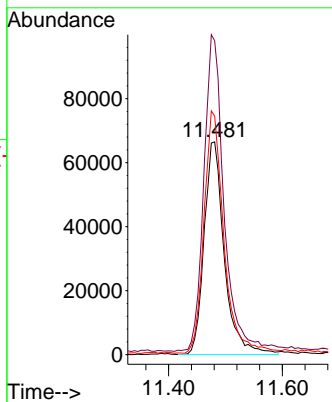
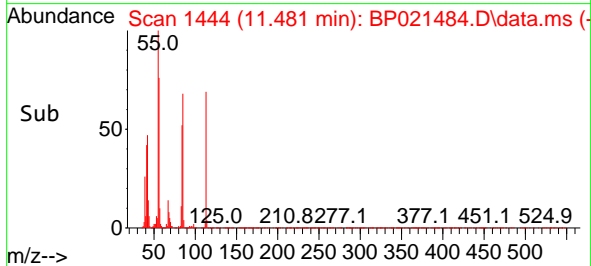
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020



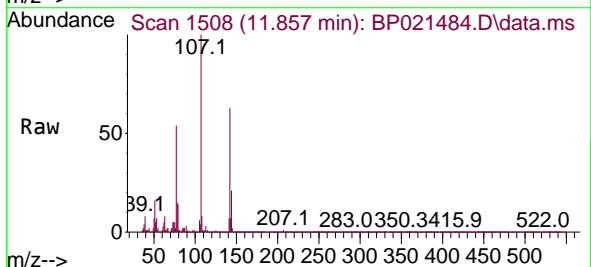
Tgt Ion:113 Resp: 16366
 Ion Ratio Lower Upper
 113 100
 55 147.5 130.6 170.6
 56 112.1 94.6 134.6

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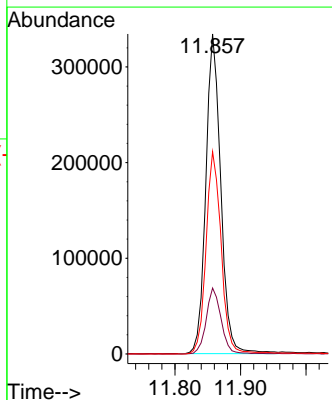
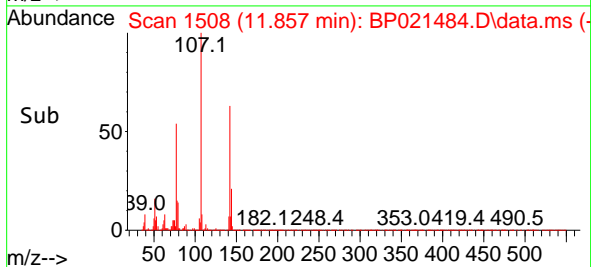
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

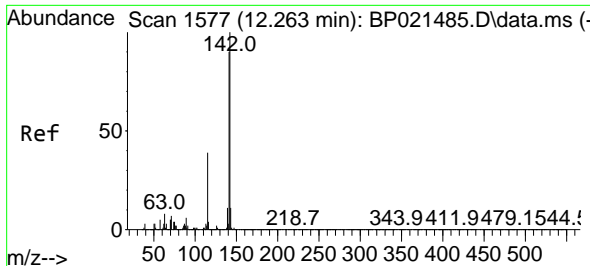


#36
 4-Chloro-3-methylphenol
 Concen: 20.628 ng
 RT: 11.857 min Scan# 1508
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



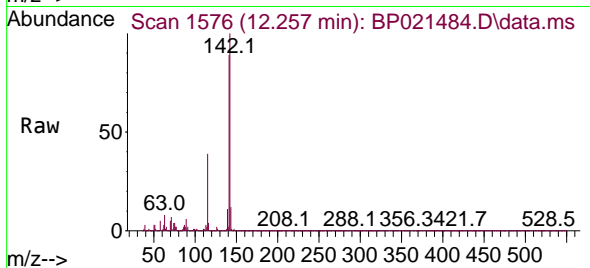
Tgt Ion:107 Resp: 531060
 Ion Ratio Lower Upper
 107 100
 144 20.6 16.6 24.8
 142 63.2 51.0 76.4





#37
 2-Methylnaphthalene
 Concen: 20.478 ng
 RT: 12.257 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

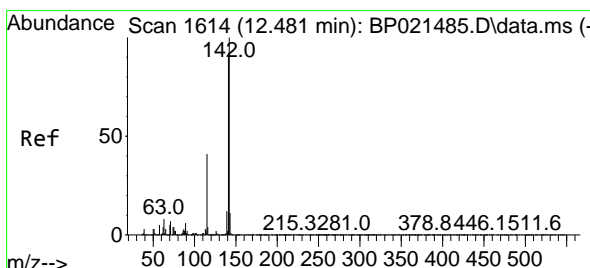
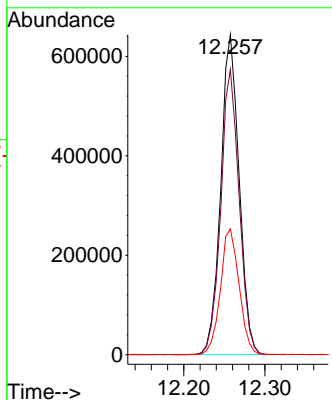
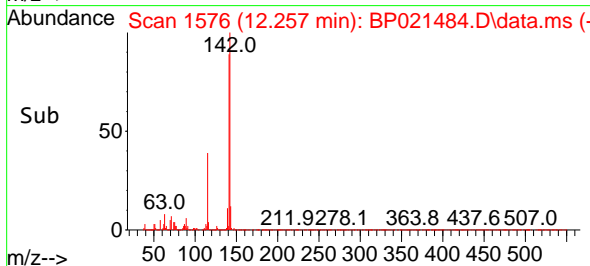
Instrument : BNA_P
 Client Sample Id : SSTDIC020



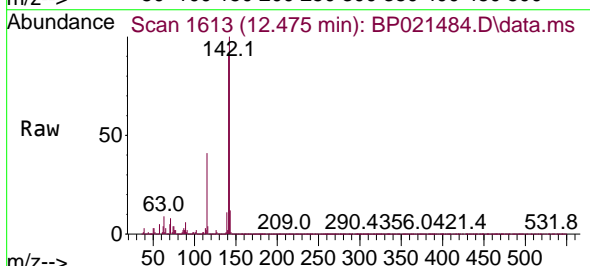
Tgt Ion:142 Resp: 1015274
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.7 107.5
 115 39.3 31.4 47.2

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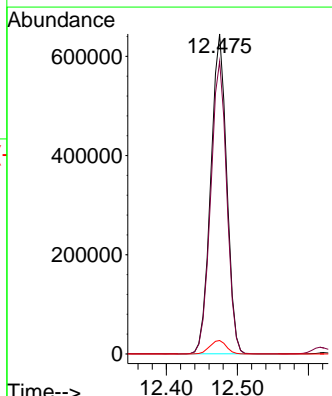
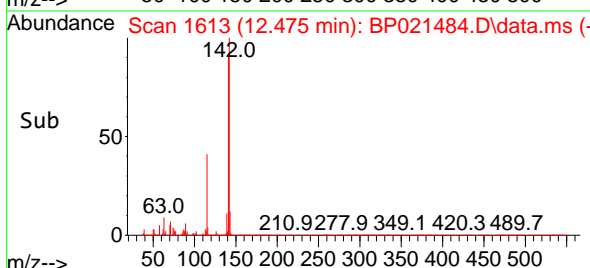
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

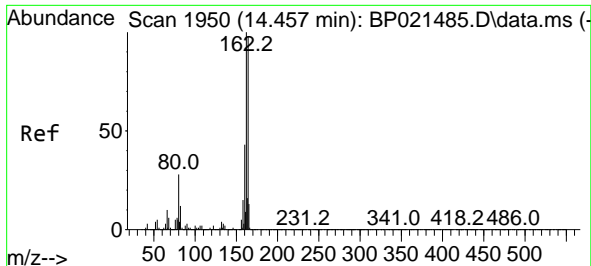


#38
 1-Methylnaphthalene
 Concen: 20.619 ng
 RT: 12.475 min Scan# 1613
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



Tgt Ion:142 Resp: 1008222
 Ion Ratio Lower Upper
 142 100
 141 91.5 73.5 110.3
 116 4.2 3.4 5.2





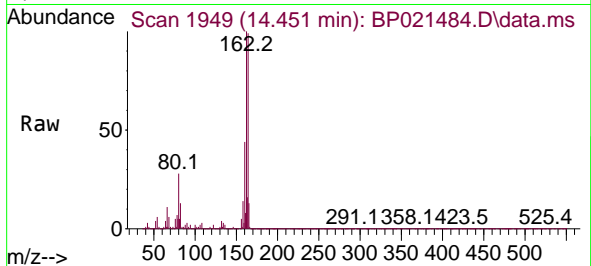
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.451 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Instrument :

BNA_P

Client Sample Id :

SSTDICC020

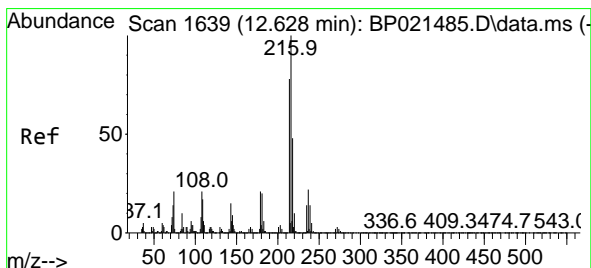
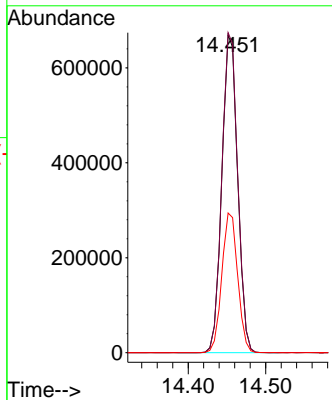
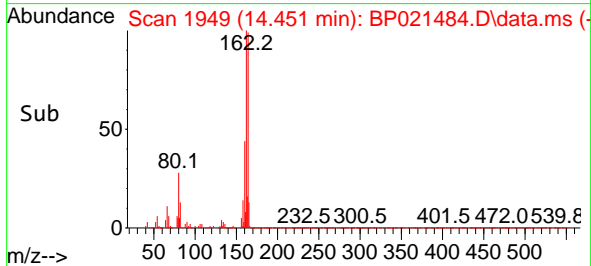


Tgt Ion:164 Resp: 947940

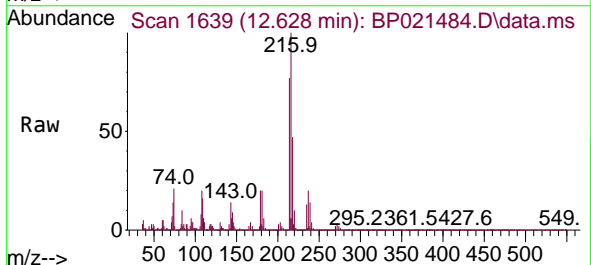
Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.5	122.3
160	44.0	35.2	52.8

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

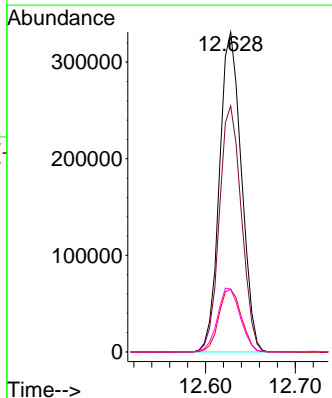
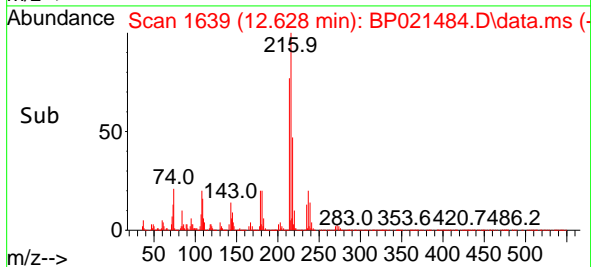


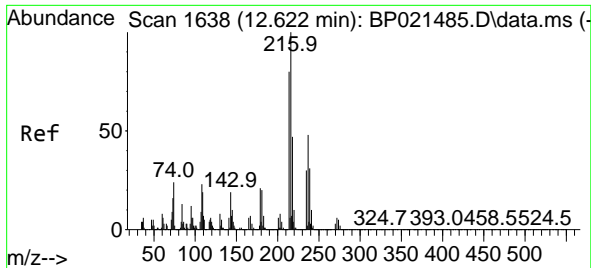
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.209 ng
 RT: 12.628 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



Tgt Ion:216 Resp: 561317

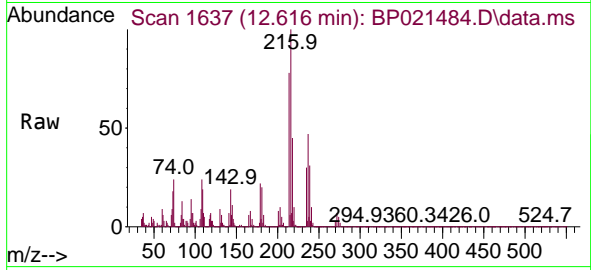
Ion	Ratio	Lower	Upper
216	100		
214	77.4	62.5	93.7
179	20.2	16.4	24.6
108	20.7	16.7	25.1





#41
 Hexachlorocyclopentadiene
 Concen: 18.709 ng
 RT: 12.616 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

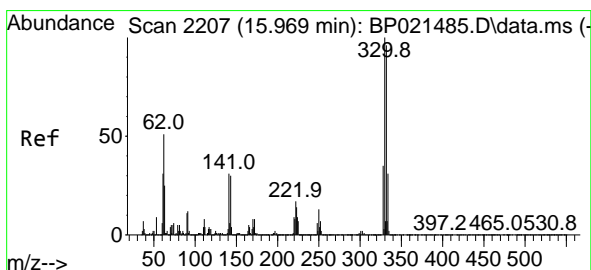
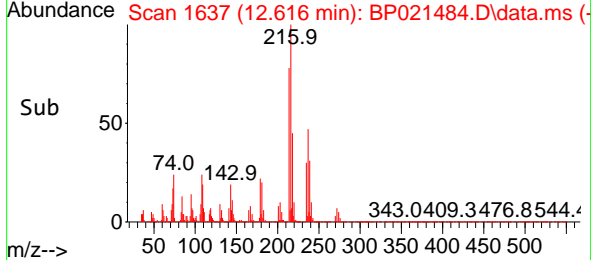
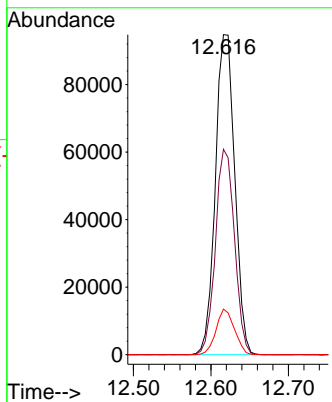
Instrument : BNA_P
 Client Sample Id : SSTDICC020



Tgt Ion: 237 Resp: 16469
 Ion Ratio Lower Upper
 237 100
 235 64.2 43.9 83.9
 272 14.2 0.0 33.3

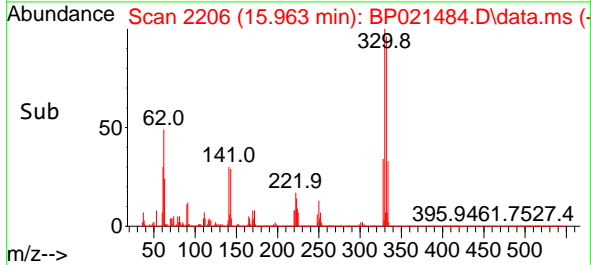
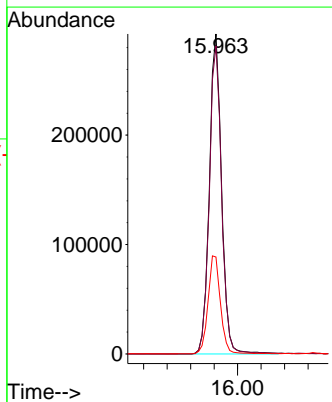
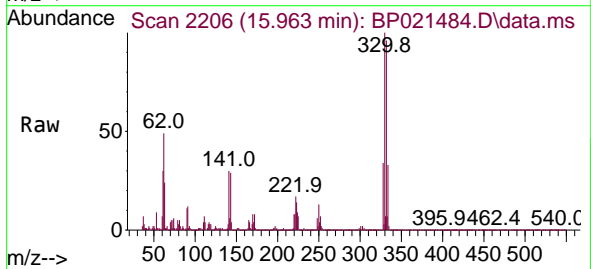
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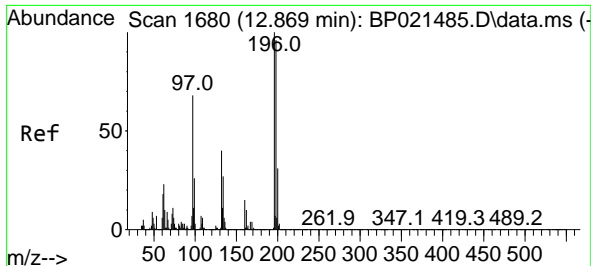
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#42
 2,4,6-Tribromophenol
 Concen: 39.955 ng
 RT: 15.963 min Scan# 2206
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

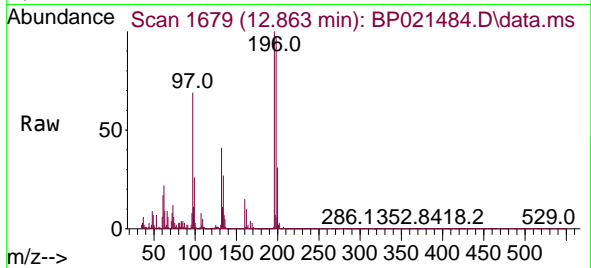
Tgt Ion: 330 Resp: 421534
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.0
 141 31.2 24.5 36.7





#43
 2,4,6-Trichlorophenol
 Concen: 19.562 ng
 RT: 12.863 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

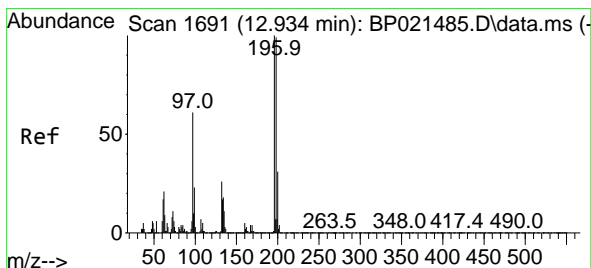
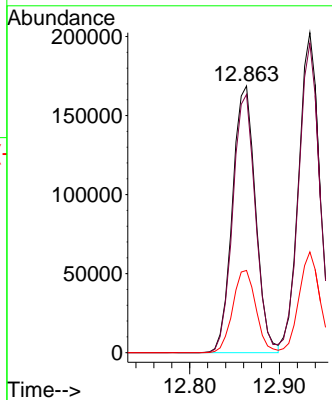
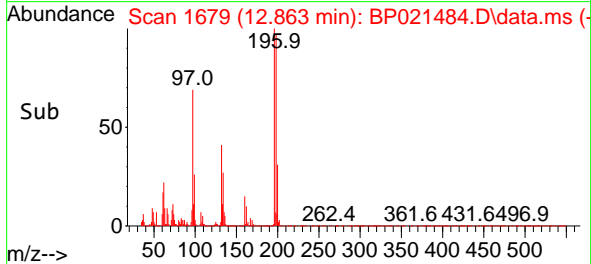
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020



Tgt Ion:196 Resp: 301820
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.6 114.8
 200 30.8 24.5 36.7

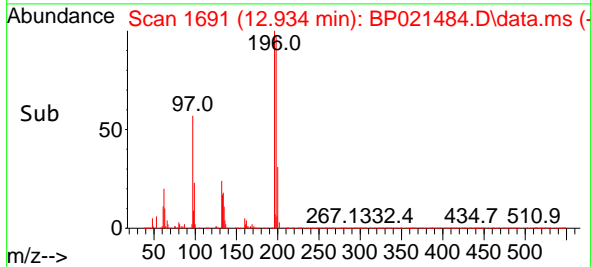
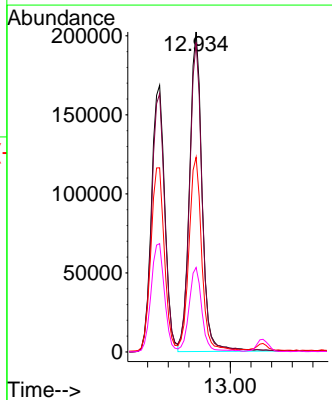
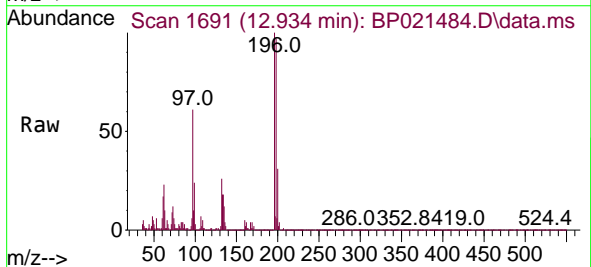
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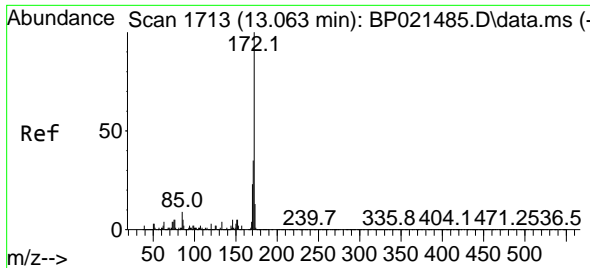
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#44
 2,4,5-Trichlorophenol
 Concen: 19.897 ng
 RT: 12.934 min Scan# 1691
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

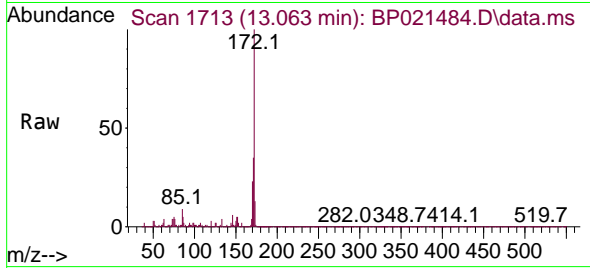
Tgt Ion:196 Resp: 341066
 Ion Ratio Lower Upper
 196 100
 198 96.7 78.9 118.3
 97 60.8 49.4 74.0
 132 26.4 21.1 31.7





#45
 2-Fluorobiphenyl
 Concen: 40.758 ng
 RT: 13.063 min Scan# 1713
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

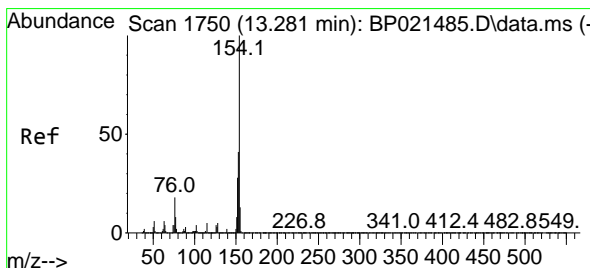
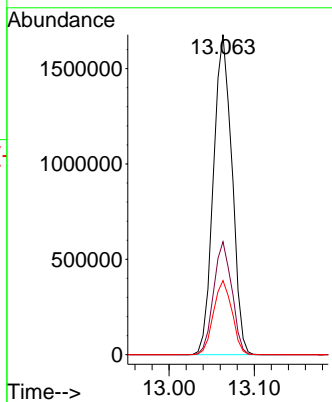
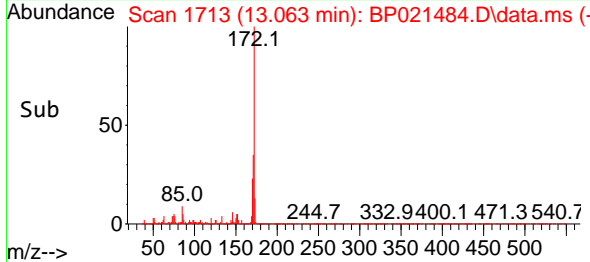


Tgt Ion:172 Resp: 253160

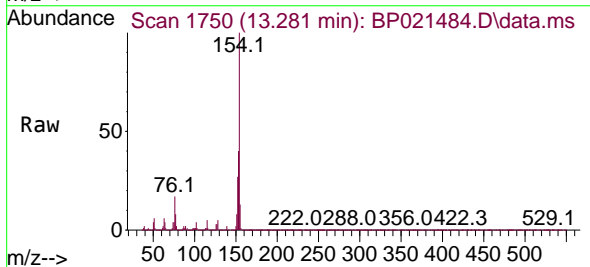
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.1	18.4	27.6

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 Supervised By :mohammad ahmed 08/14/2024

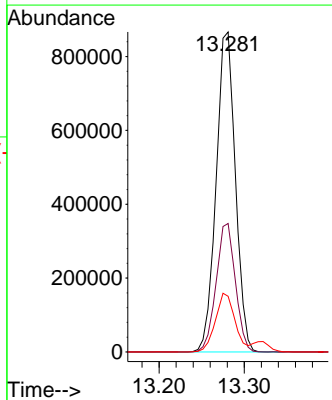
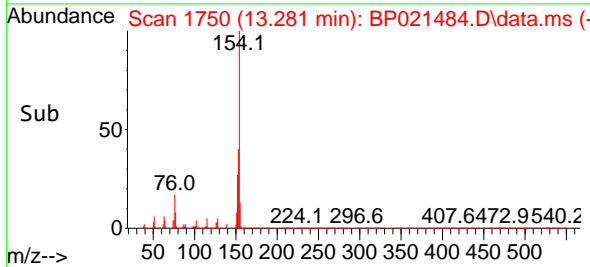


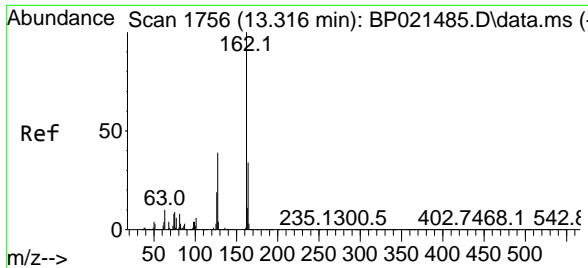
#46
 1,1'-Biphenyl
 Concen: 20.263 ng
 RT: 13.281 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



Tgt Ion:154 Resp: 1359024

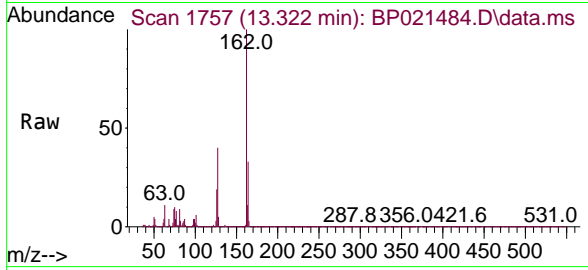
Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.7	60.7
76	17.4	0.0	37.7





#47
 2-Chloronaphthalene
 Concen: 20.282 ng
 RT: 13.322 min Scan# 1757
 Delta R.T. 0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Instrument : BNA_P
 Client Sample Id : SSTDIC020

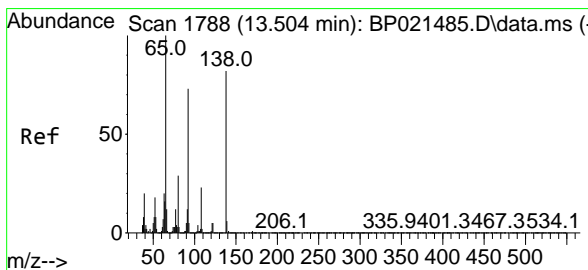
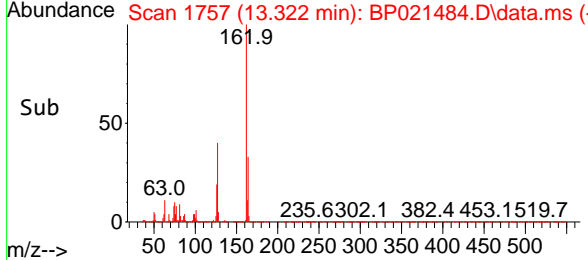
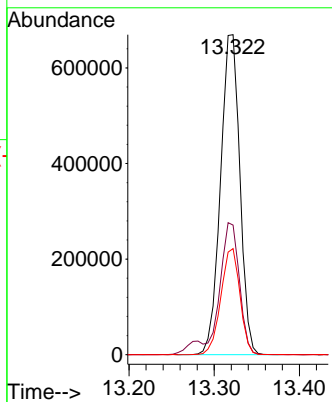


Tgt Ion: 162 Resp: 105899

Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.9	47.9
164	33.2	26.8	40.2

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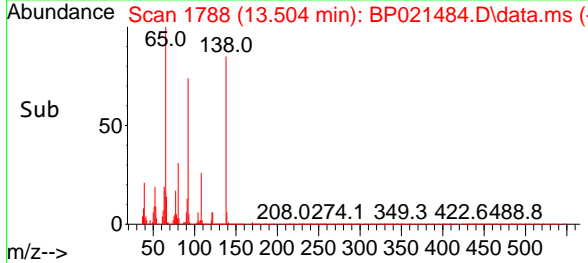
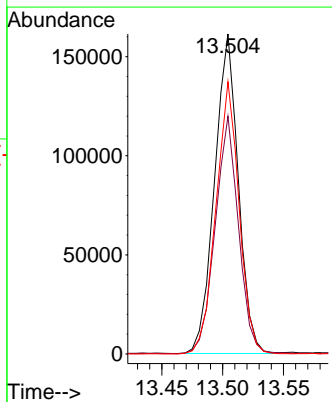
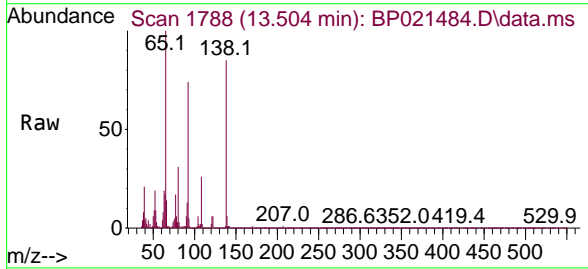
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

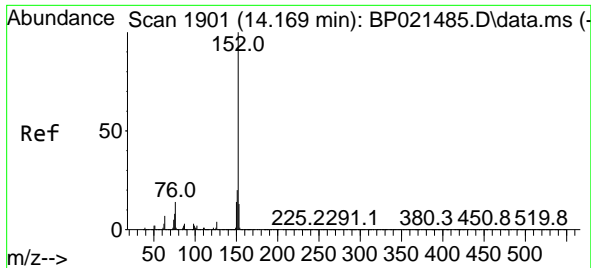


#48
 2-Nitroaniline
 Concen: 18.481 ng
 RT: 13.504 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Tgt Ion: 65 Resp: 218570

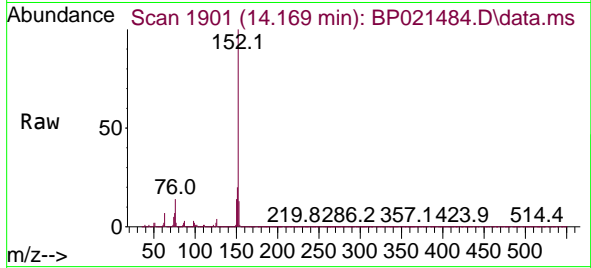
Ion	Ratio	Lower	Upper
65	100		
92	74.3	58.1	87.1
138	85.1	65.5	98.3





#49
 Acenaphthylene
 Concen: 20.468 ng
 RT: 14.169 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

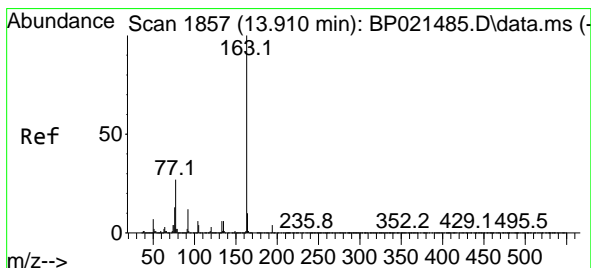
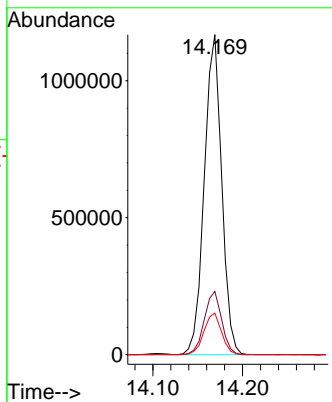
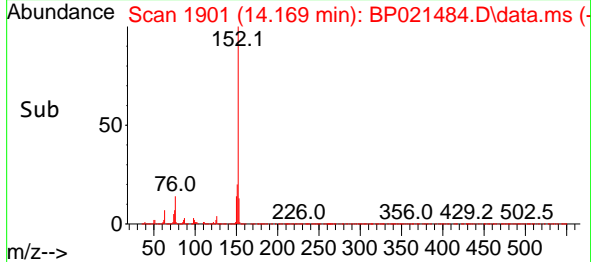
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC020



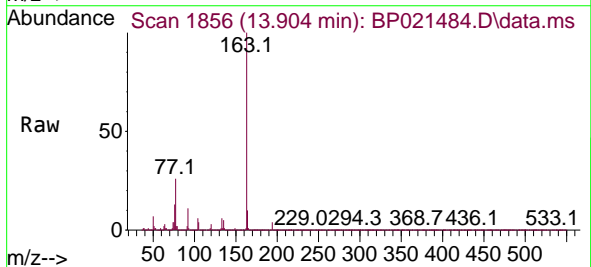
Tgt Ion:152 Resp: 1571109
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.9 23.9
 153 13.0 10.6 16.0

Manual Integrations
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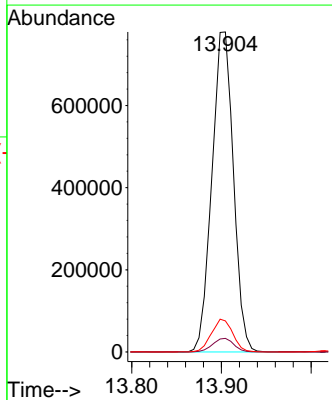
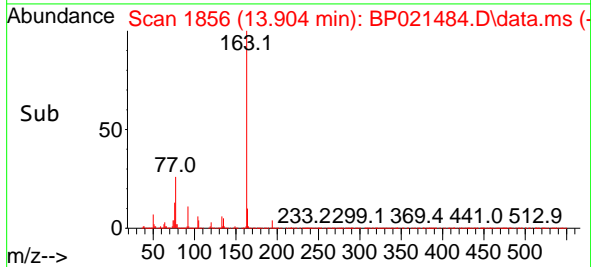
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

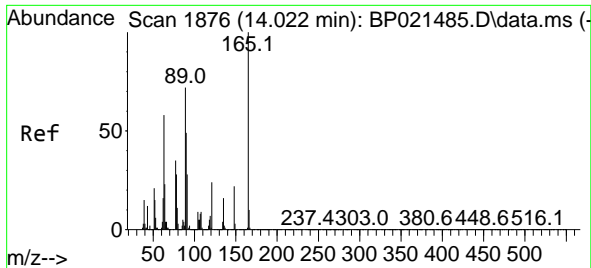


#50
 Dimethylphthalate
 Concen: 20.442 ng
 RT: 13.904 min Scan# 1856
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



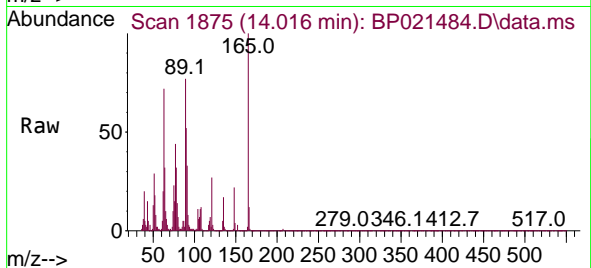
Tgt Ion:163 Resp: 1297733
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.3 4.9
 164 9.7 8.3 12.5





#51
 2,6-Dinitrotoluene
 Concen: 19.423 ng
 RT: 14.016 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Instrument : BNA_P
 Client Sample Id : SSTDIC020

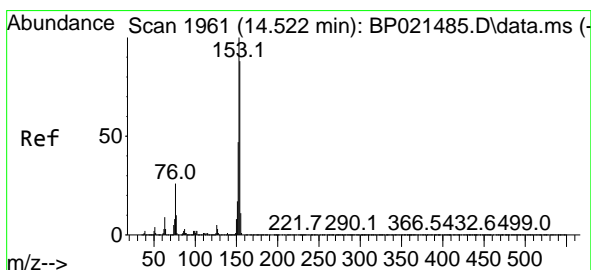
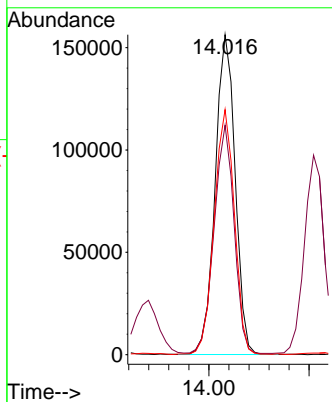
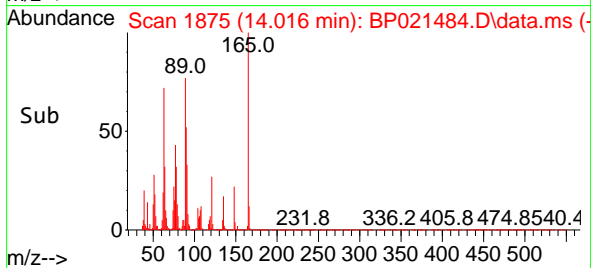


Tgt Ion: 165 Resp: 21561

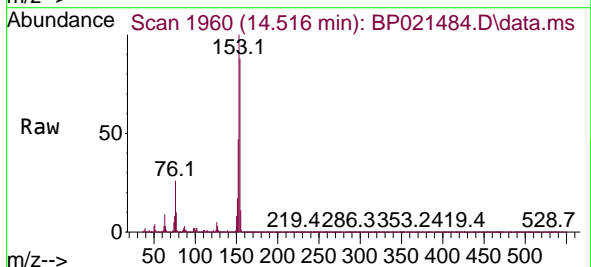
Ion	Ratio	Lower	Upper
165	100		
63	71.7	51.5	77.3
89	76.6	57.8	86.8

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

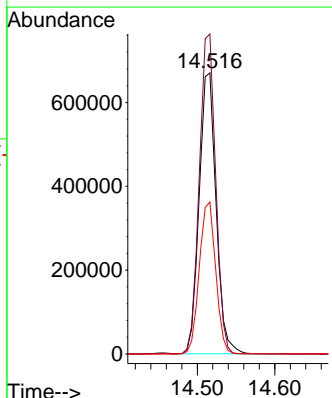
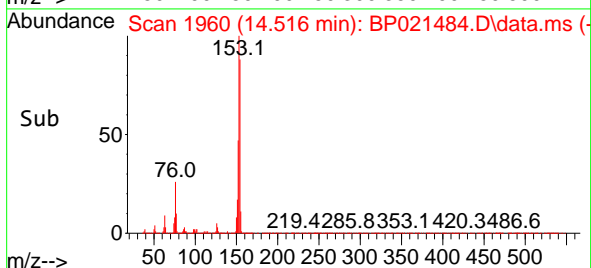


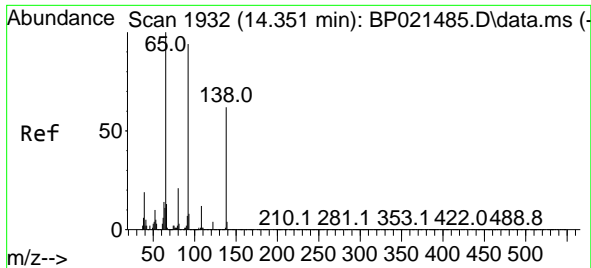
#52
 Acenaphthene
 Concen: 20.223 ng
 RT: 14.516 min Scan# 1960
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



Tgt Ion: 154 Resp: 1018510

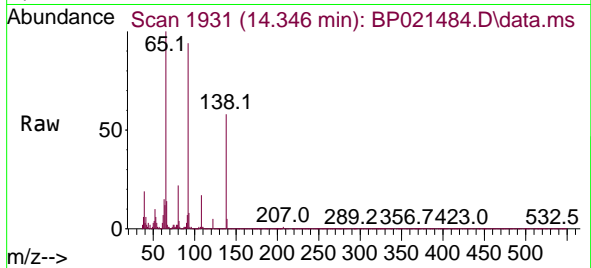
Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.1	136.7
152	54.0	43.0	64.4





#53
 3-Nitroaniline
 Concen: 19.232 ng
 RT: 14.346 min Scan# 1931
 Delta R.T. -0.005 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

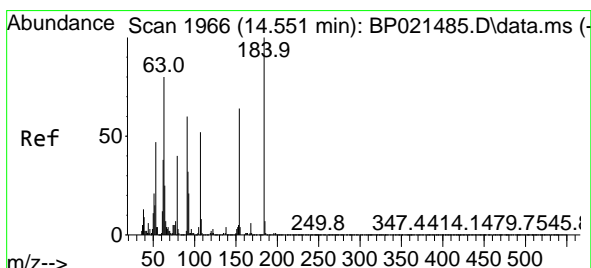
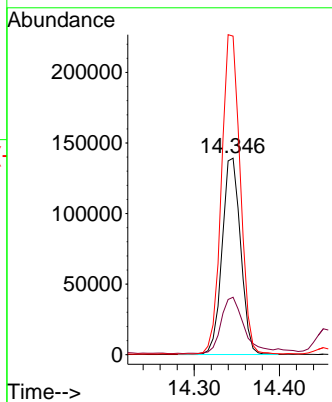
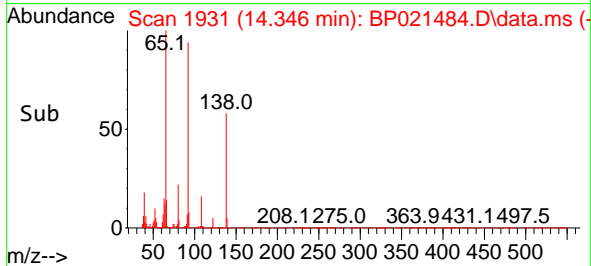
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC020



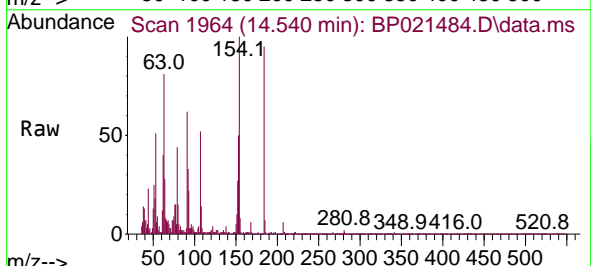
Tgt Ion:138 Resp: 209499
 Ion Ratio Lower Upper
 138 100
 108 29.2 16.2 24.4#
 92 162.2 122.2 183.4#

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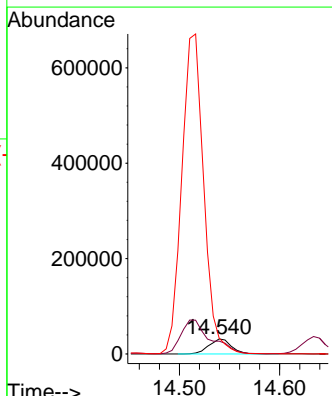
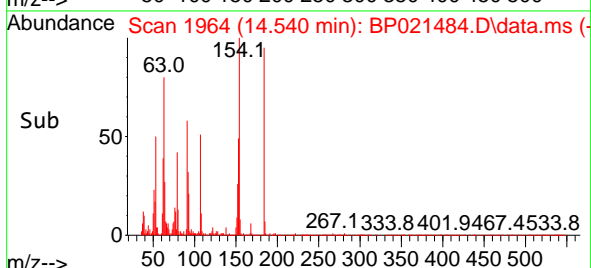
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

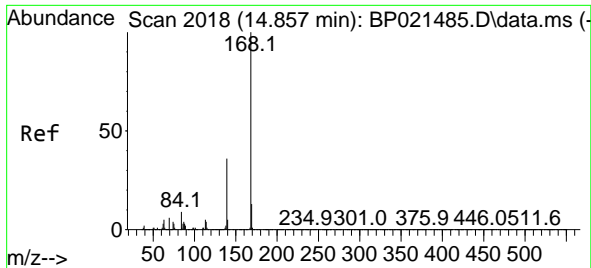


#54
 2,4-Dinitrophenol
 Concen: 19.714 ng
 RT: 14.540 min Scan# 1964
 Delta R.T. -0.011 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



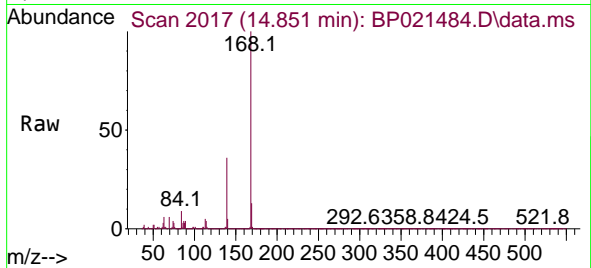
Tgt Ion:184 Resp: 49171
 Ion Ratio Lower Upper
 184 100
 63 85.8 64.9 97.3
 154 105.7 52.1 78.1#





#55
 Dibenzofuran
 Concen: 20.515 ng
 RT: 14.851 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

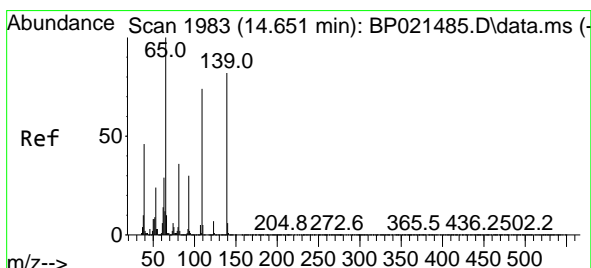
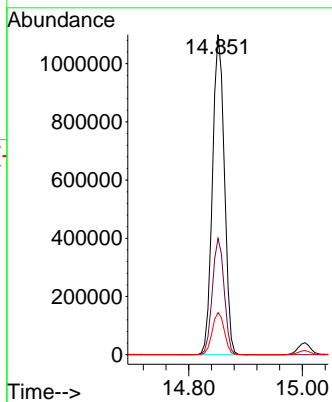
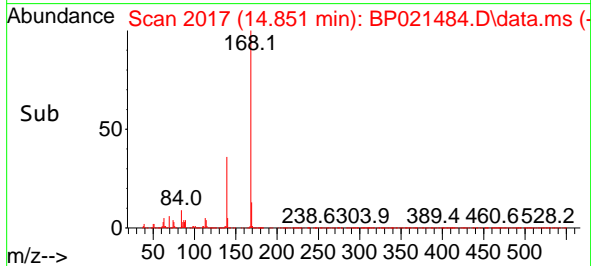
Instrument : BNA_P
 Client Sample Id : SSTDIC020



Tgt Ion:168 Resp: 158941
 Ion Ratio Lower Upper
 168 100
 139 36.3 28.6 43.0
 169 13.1 10.6 16.0

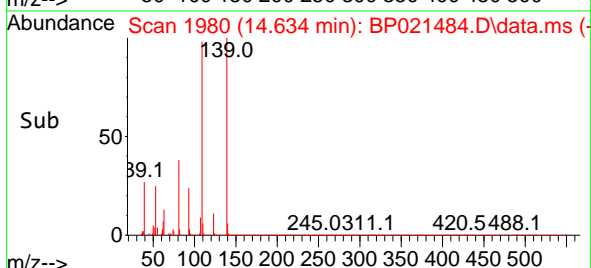
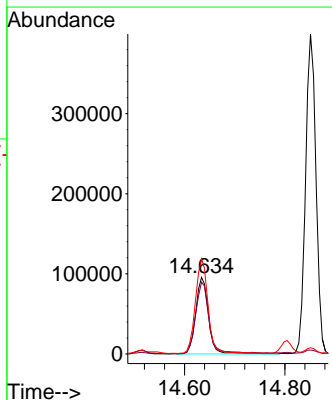
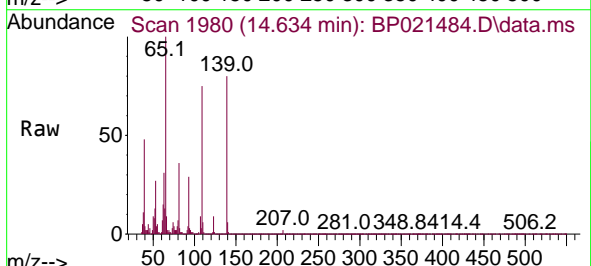
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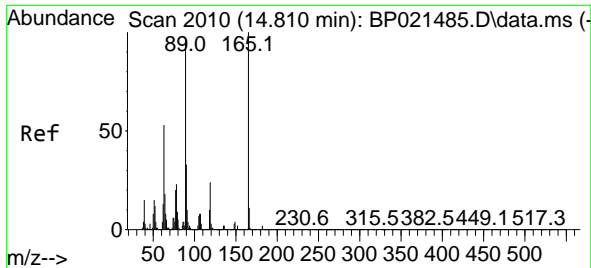
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#56
 4-Nitrophenol
 Concen: 20.016 ng
 RT: 14.634 min Scan# 1980
 Delta R.T. -0.017 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Tgt Ion:139 Resp: 167932
 Ion Ratio Lower Upper
 139 100
 109 93.8 70.2 110.2
 65 124.4 101.8 141.8





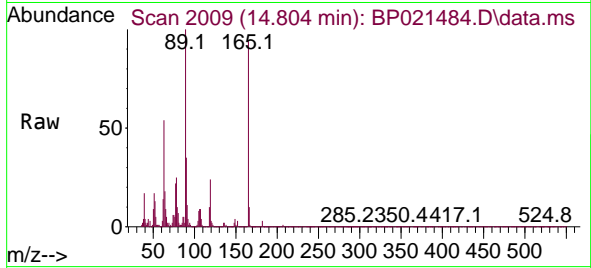
#57
 2,4-Dinitrotoluene
 Concen: 18.676 ng
 RT: 14.804 min Scan# 2010
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Instrument :

BNA_P

Client Sample Id :

SSTDIC020



Tgt Ion: 165 Resp: 248400

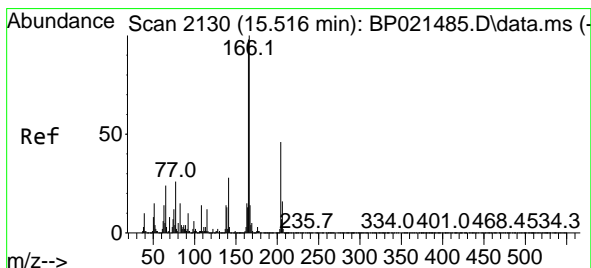
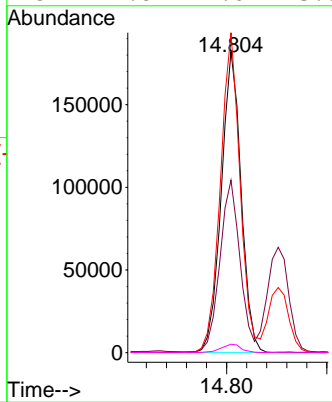
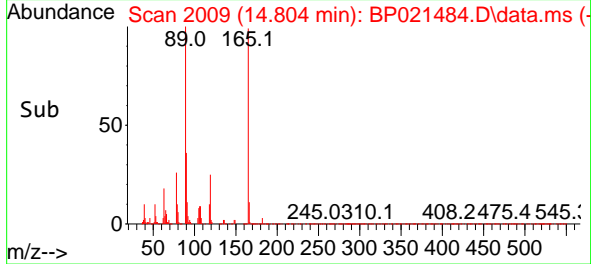
Ion	Ratio	Lower	Upper
165	100		
63	57.3	42.5	63.7
89	106.3	77.1	115.7
182	2.8	2.0	3.0

Manual Integrations

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Reviewed By :Yogesh Patel 08/14/2024

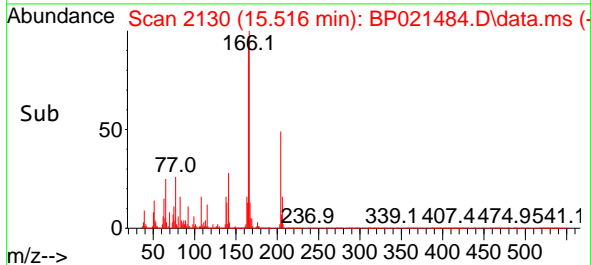
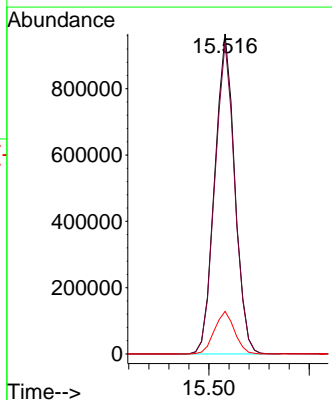
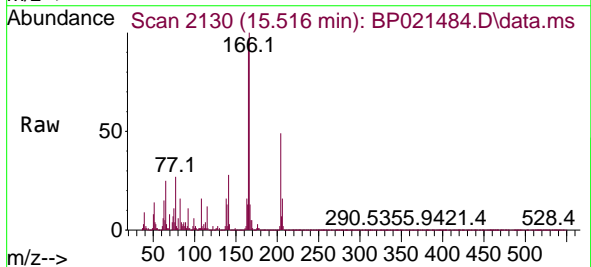
Supervised By :mohammad ahmed 08/14/2024

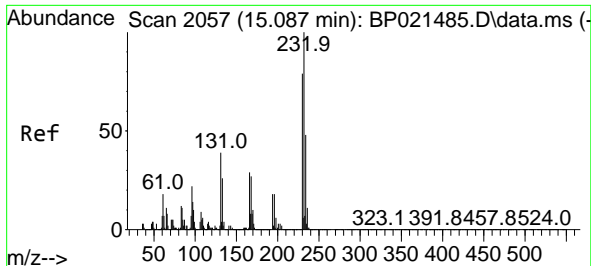


#58
 Fluorene
 Concen: 20.975 ng
 RT: 15.516 min Scan# 2130
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Tgt Ion: 166 Resp: 1334998

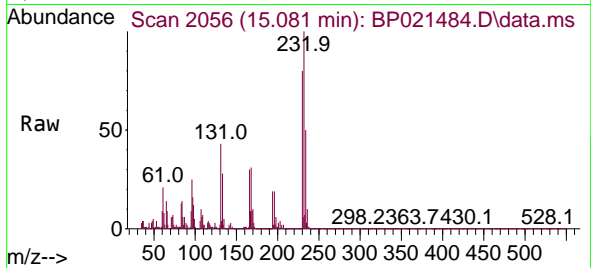
Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.1	117.1
167	13.3	11.0	16.4





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 19.679 ng
 RT: 15.081 min Scan# 2056
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

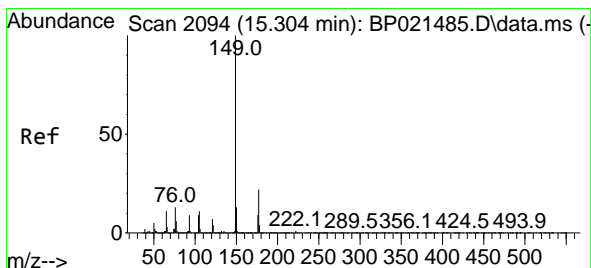
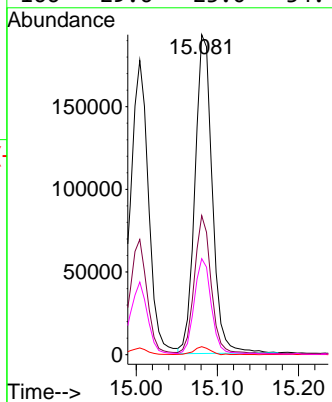
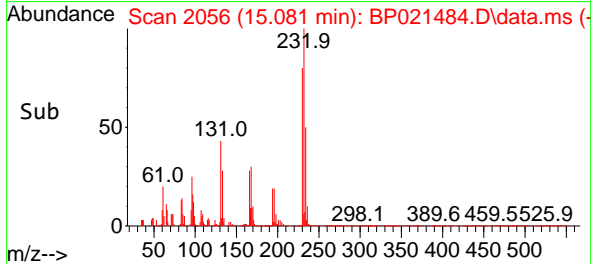


Tgt Ion:232 Resp: 286320

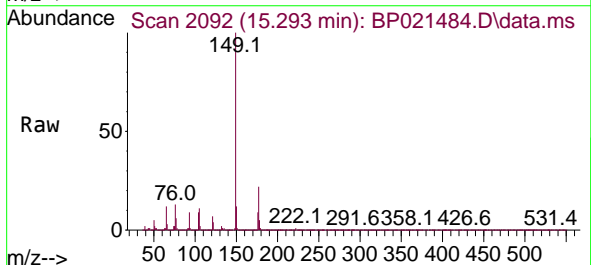
Ion	Ratio	Lower	Upper
232	100		
131	42.6	33.1	49.7
130	2.3	1.7	2.5
166	29.6	23.0	34.4

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

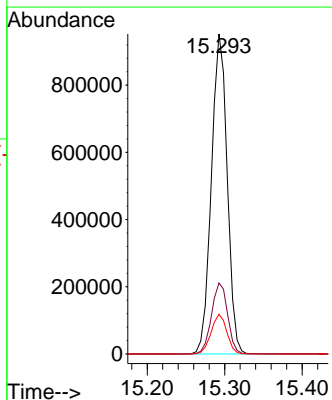
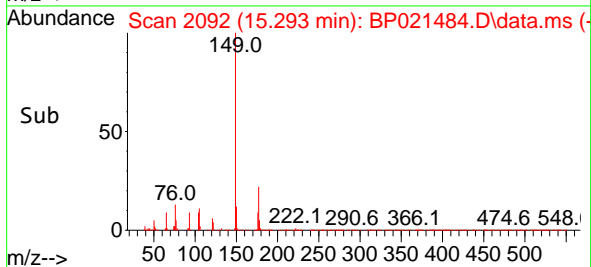


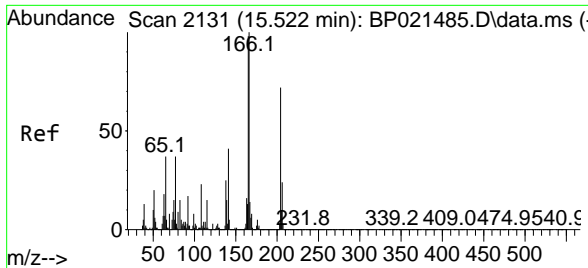
#60
 Diethylphthalate
 Concen: 20.773 ng
 RT: 15.293 min Scan# 2092
 Delta R.T. -0.012 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



Tgt Ion:149 Resp: 1353063

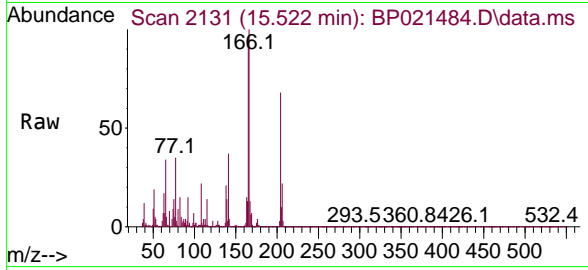
Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.8	26.8
150	12.4	10.1	15.1





#61
 4-Chlorophenyl-phenylether
 Concen: 20.699 ng
 RT: 15.522 min Scan# 2131
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC020

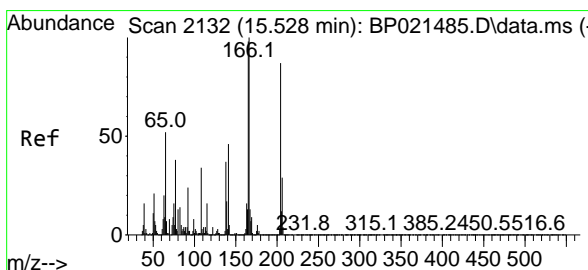
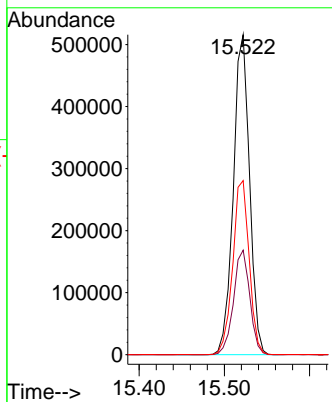
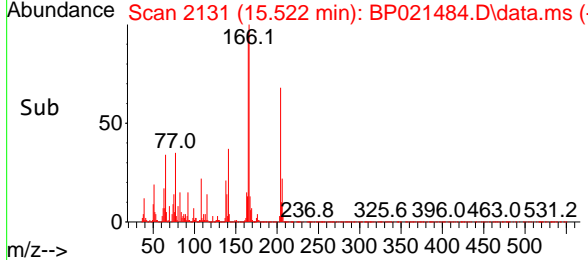


Tgt Ion: 204 Resp: 68098

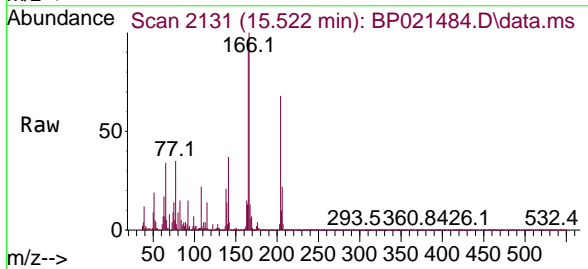
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.4	39.6
141	54.4	46.1	69.1

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

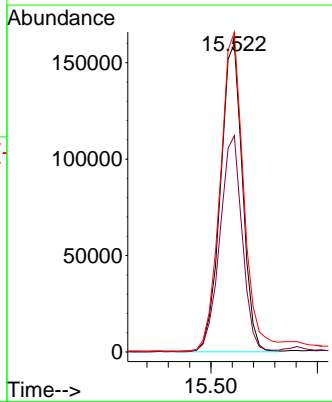
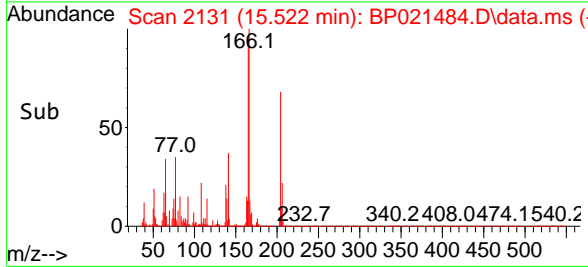


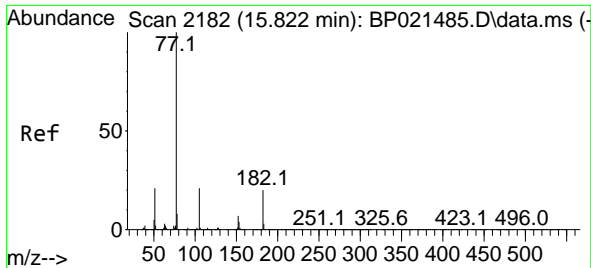
#62
 4-Nitroaniline
 Concen: 19.603 ng
 RT: 15.522 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



Tgt Ion: 138 Resp: 229769

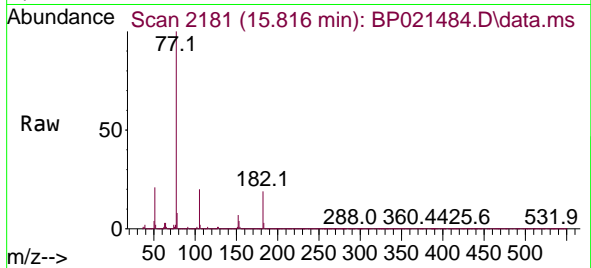
Ion	Ratio	Lower	Upper
138	100		
92	70.1	46.4	86.4
108	103.7	73.2	113.2





#63
 Azobenzene
 Concen: 21.052 ng
 RT: 15.816 min Scan# 2181
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC020

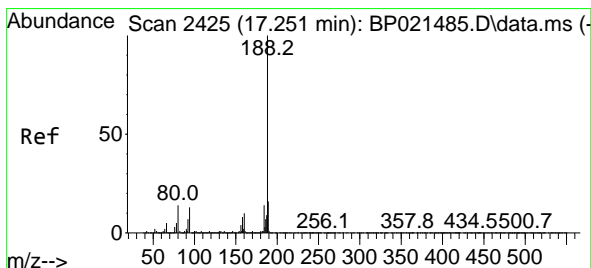
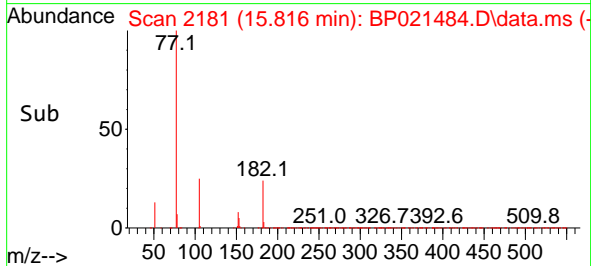
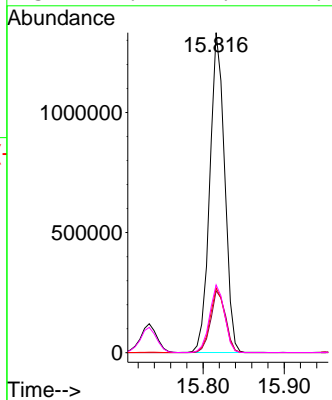


Tgt Ion: 77 Resp: 168560

Ion	Ratio	Lower	Upper
77	100		
182	19.3	0.0	39.9
105	20.3	0.9	40.9
51	21.2	1.4	41.4

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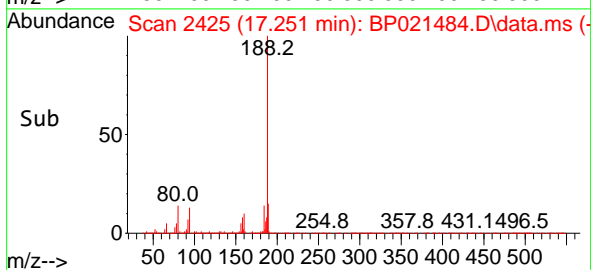
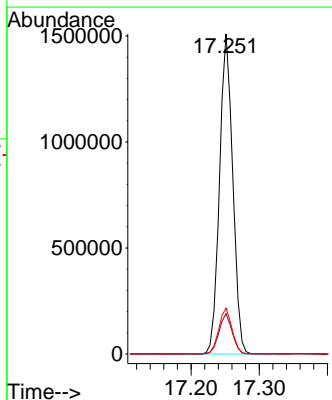
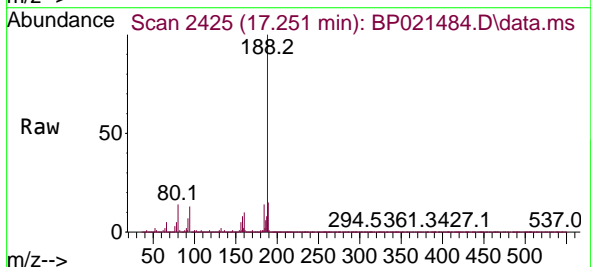
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

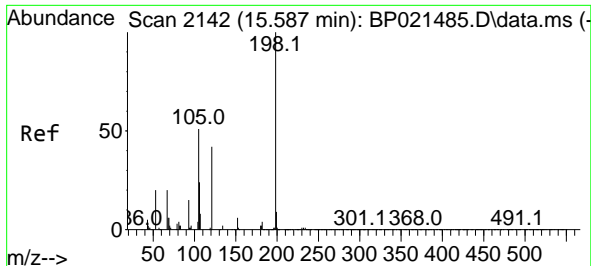


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.251 min Scan# 2425
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Tgt Ion:188 Resp: 2036378

Ion	Ratio	Lower	Upper
188	100		
94	12.6	10.2	15.4
80	14.4	11.6	17.4





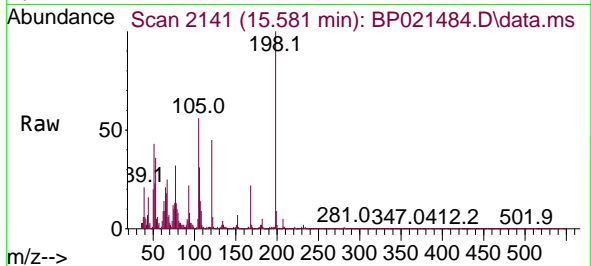
#65
 4,6-Dinitro-2-methylphenol
 Concen: 19.364 ng
 RT: 15.581 min Scan# 2141
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Instrument :

BNA_P

ClientSampleId :

SSTDICC020



Tgt Ion:198 Resp: 79397

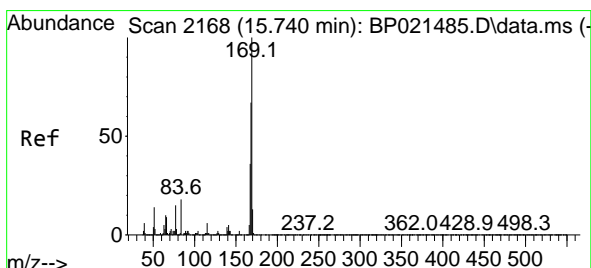
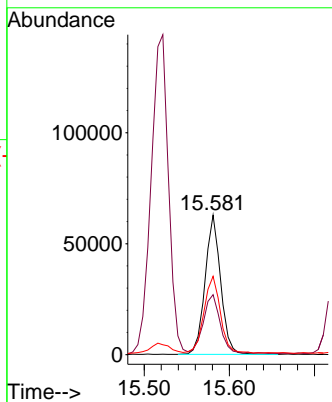
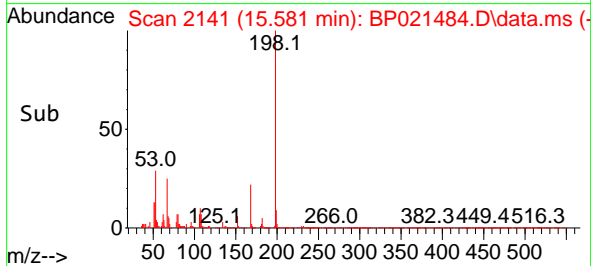
Ion	Ratio	Lower	Upper
198	100		
51	43.0	21.5	61.5
105	56.2	32.9	72.9

Manual Integrations

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Reviewed By :Yogesh Patel 08/14/2024

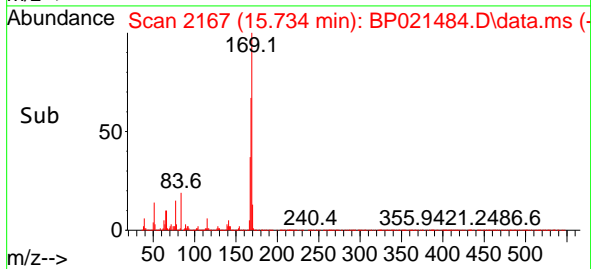
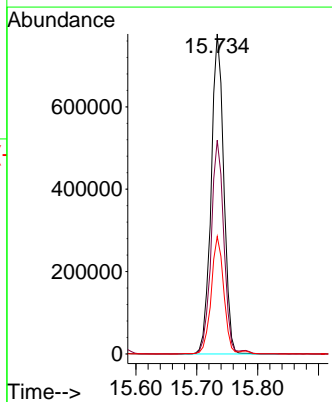
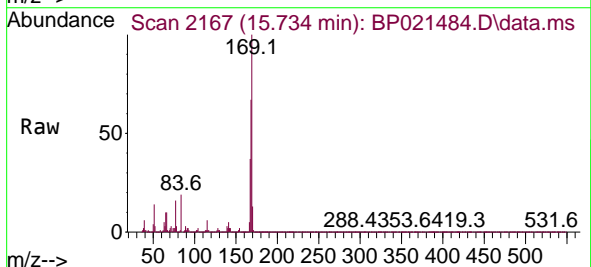
Supervised By :mohammad ahmed 08/14/2024

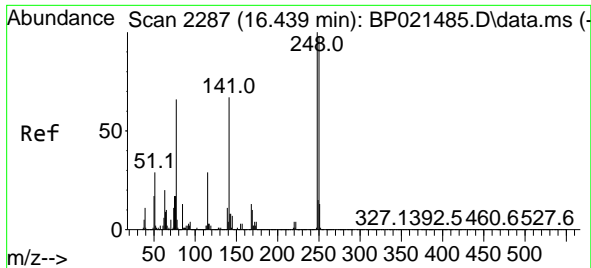


#66
 n-Nitrosodiphenylamine
 Concen: 20.488 ng
 RT: 15.734 min Scan# 2167
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Tgt Ion:169 Resp: 1118083

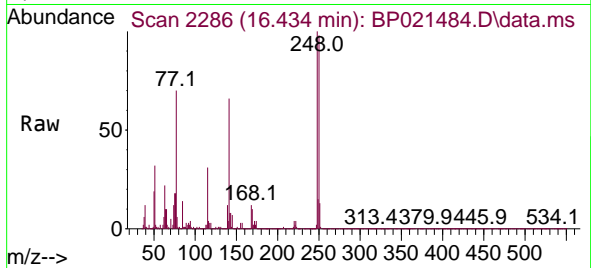
Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.2
167	36.7	28.7	43.1





#67
 4-Bromophenyl-phenylether
 Concen: 20.052 ng
 RT: 16.434 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

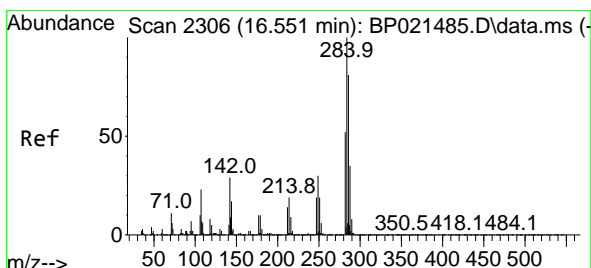
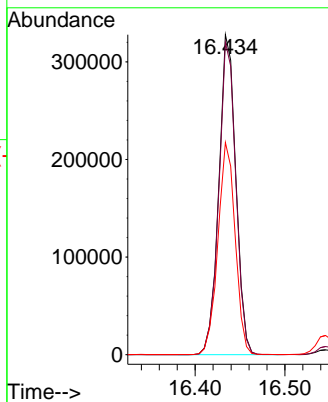
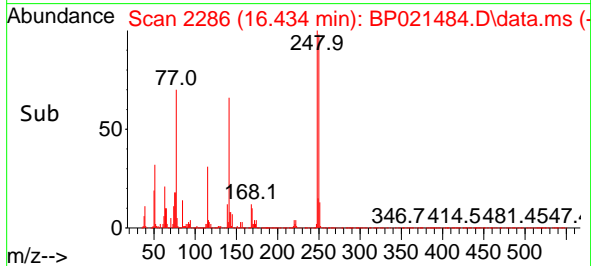
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020



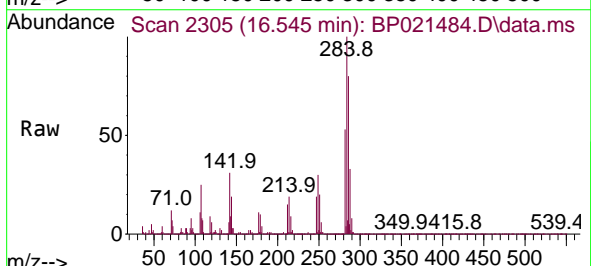
Tgt Ion:248 Resp: 43216
 Ion Ratio Lower Upper
 248 100
 250 97.7 78.6 117.8
 141 66.3 53.9 80.9

Manual Integrations
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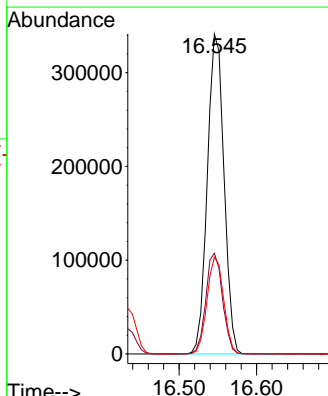
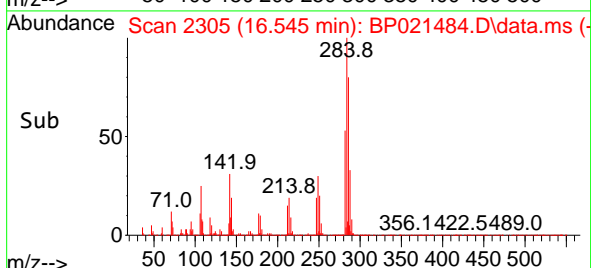
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

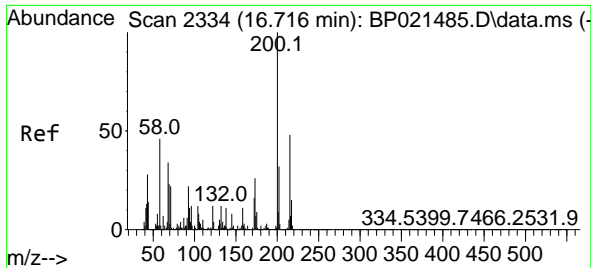


#68
 Hexachlorobenzene
 Concen: 20.002 ng
 RT: 16.545 min Scan# 2305
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



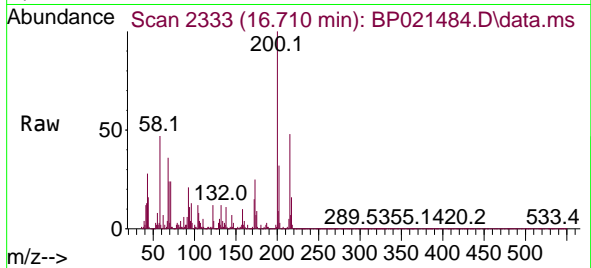
Tgt Ion:284 Resp: 509441
 Ion Ratio Lower Upper
 284 100
 142 31.5 23.4 35.2
 249 30.3 24.1 36.1





#69
 Atrazine
 Concen: 21.266 ng
 RT: 16.710 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

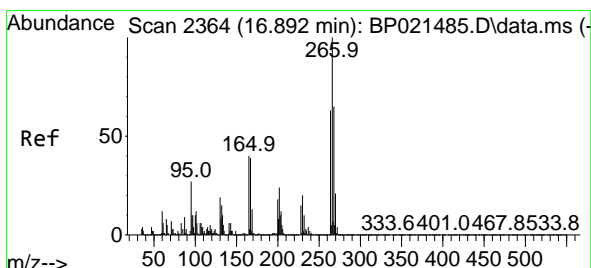
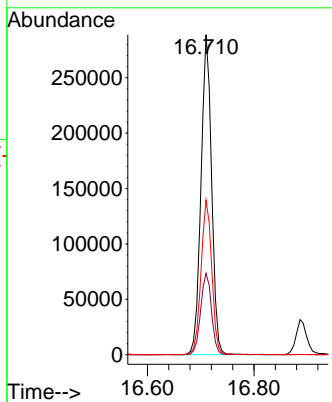
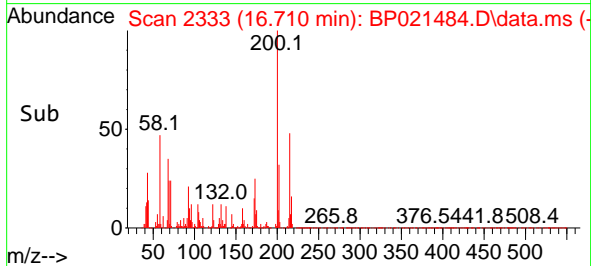
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020



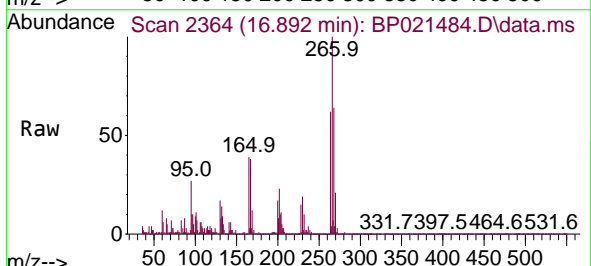
Tgt Ion:200 Resp: 39844
 Ion Ratio Lower Upper
 200 100
 173 25.4 6.2 46.2
 215 48.3 28.4 68.4

Manual Integrations
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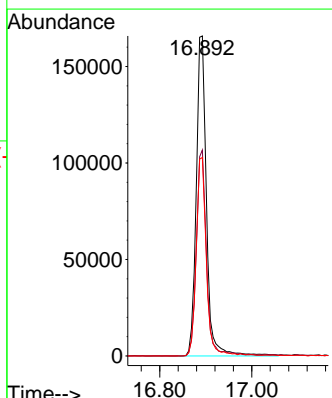
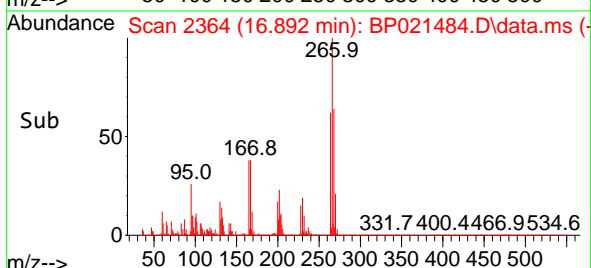
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

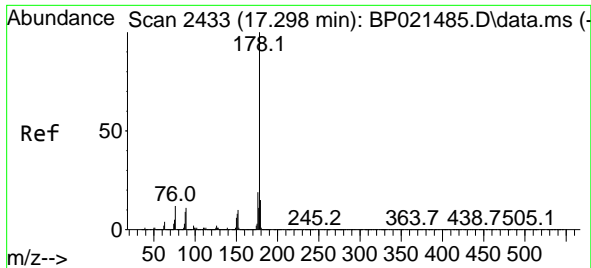


#70
 Pentachlorophenol
 Concen: 18.381 ng
 RT: 16.892 min Scan# 2364
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



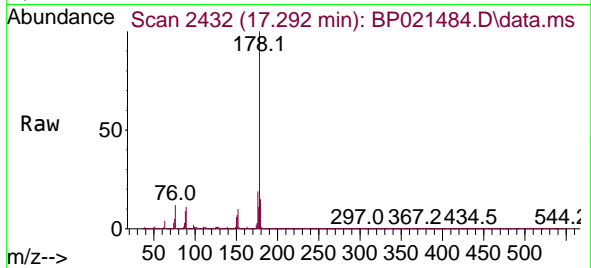
Tgt Ion:266 Resp: 255526
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.8 77.6
 264 62.0 50.5 75.7





#71
 Phenanthrene
 Concen: 20.760 ng
 RT: 17.292 min Scan# 2432
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

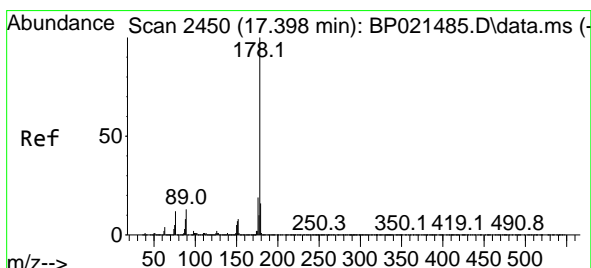
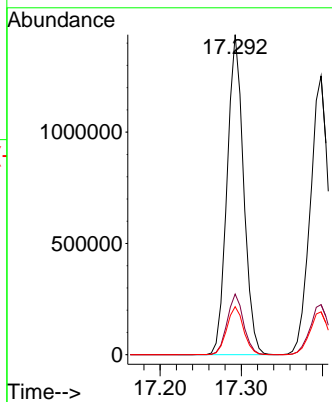
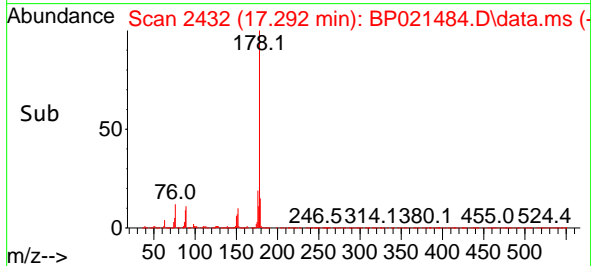
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC020



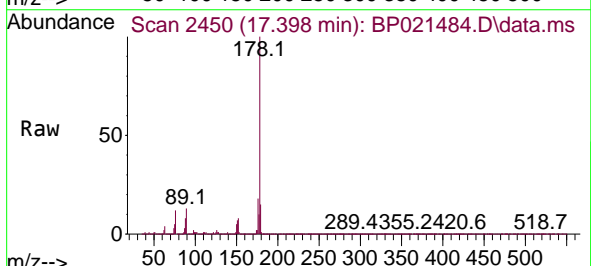
Tgt Ion:178 Resp: 2033070
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.0 12.4 18.6

Manual Integrations
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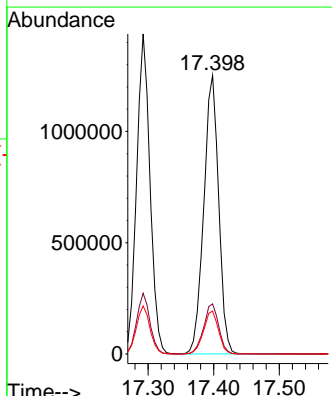
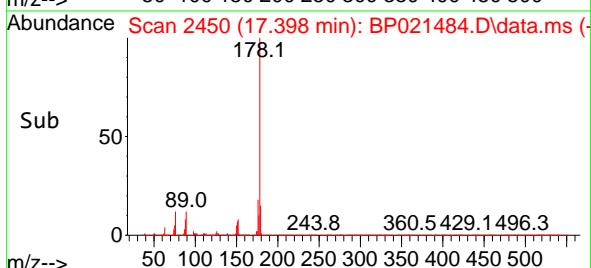
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

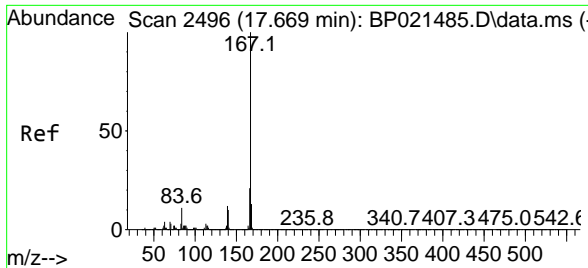


#72
 Anthracene
 Concen: 20.574 ng
 RT: 17.398 min Scan# 2450
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



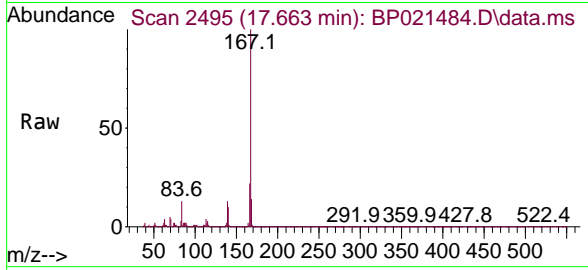
Tgt Ion:178 Resp: 1976030
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.9 22.3
 179 15.4 12.5 18.7





#73
 Carbazole
 Concen: 20.709 ng
 RT: 17.663 min Scan# 2495
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

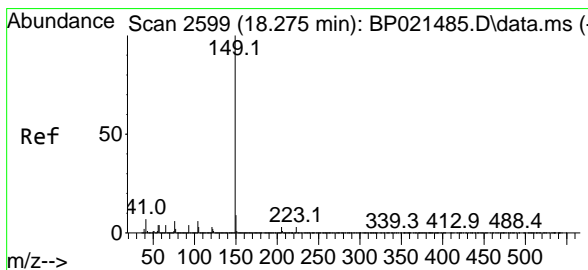
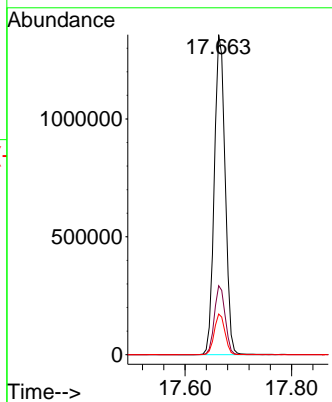
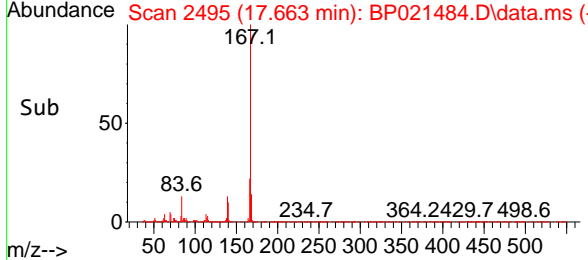
Instrument : BNA_P
 Client Sample Id : SSTDIC020



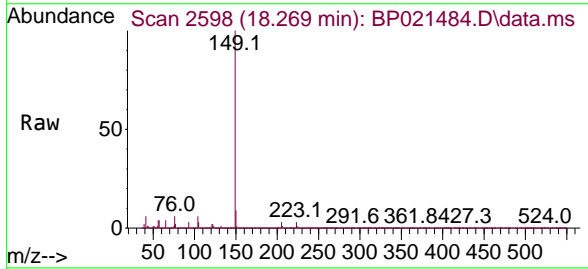
Tgt Ion: 167 Resp: 191683
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.4
 139 12.7 9.9 14.9

Manual Integrations
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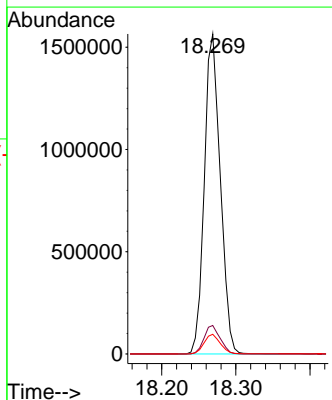
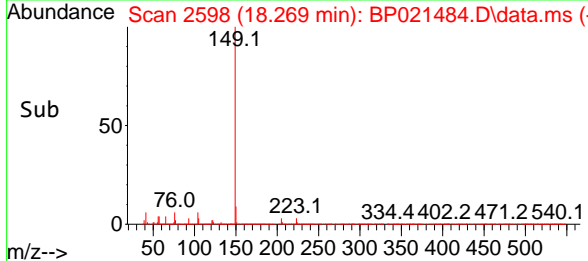
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

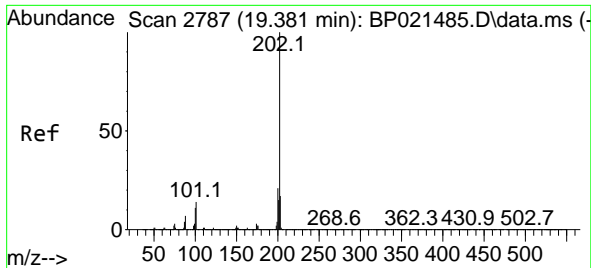


#74
 Di-n-butylphthalate
 Concen: 20.587 ng
 RT: 18.269 min Scan# 2598
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



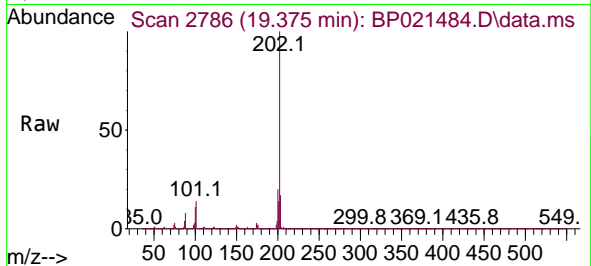
Tgt Ion: 149 Resp: 2340289
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 6.1 4.9 7.3





#75
 Fluoranthene
 Concen: 20.902 ng
 RT: 19.375 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

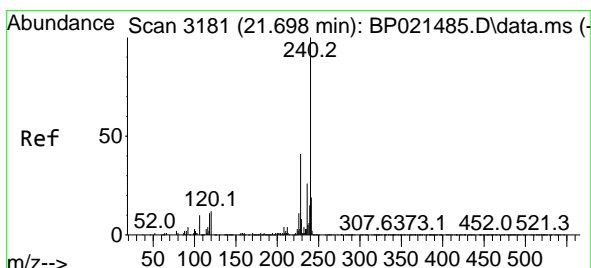
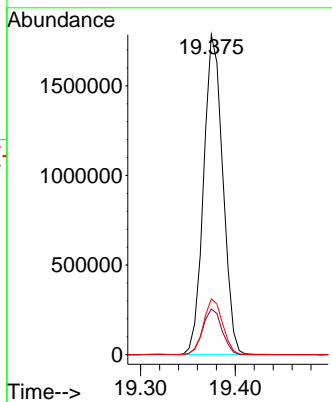
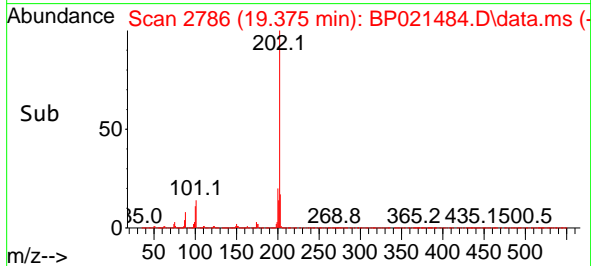
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC020



Tgt Ion: 202 Resp: 2511684
 Ion Ratio Lower Upper
 202 100
 101 14.3 0.0 34.0
 203 17.4 0.0 37.5

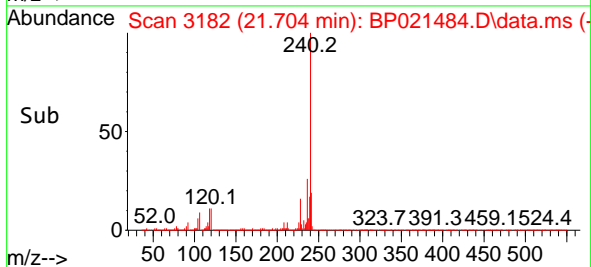
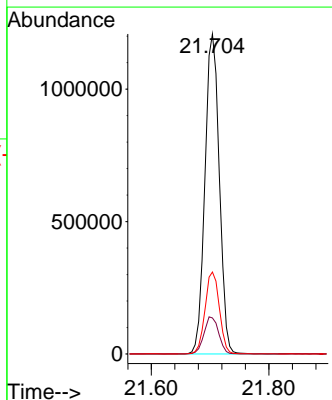
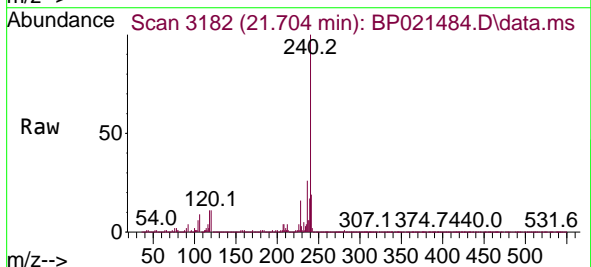
Manual Integrations
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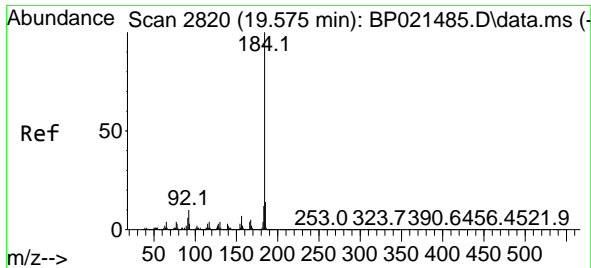
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.704 min Scan# 3182
 Delta R.T. 0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

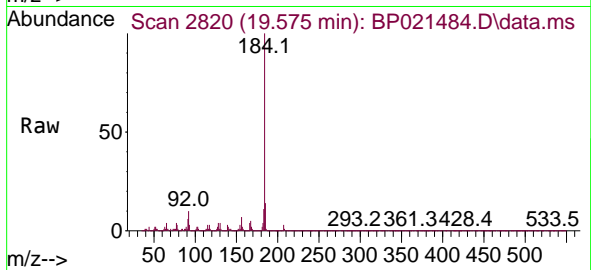
Tgt Ion: 240 Resp: 2051361
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.9 14.9
 236 25.6 20.6 30.8





#77
 Benzidine
 Concen: 20.258 ng
 RT: 19.575 min Scan# 2820
 Delta R.T. -0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

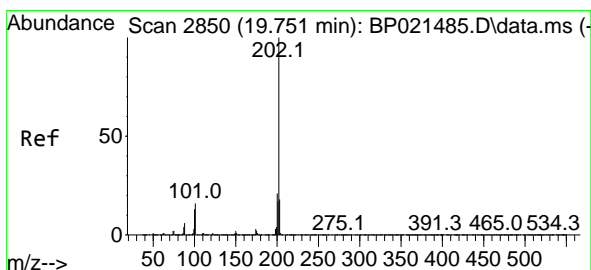
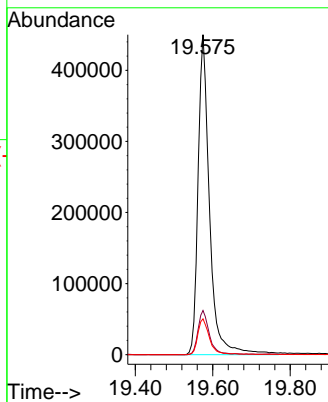
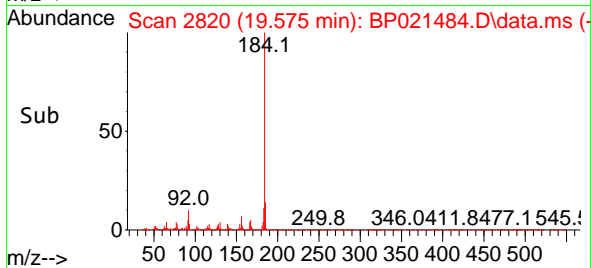
Instrument : BNA_P
 Client Sample Id : SSTDICC020



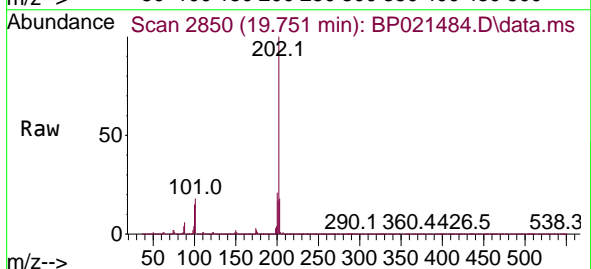
Tgt Ion: 184 Resp: 92419
 Ion Ratio Lower Upper
 184 100
 185 13.8 11.4 17.0
 183 11.2 9.3 13.9

Manual Integrations
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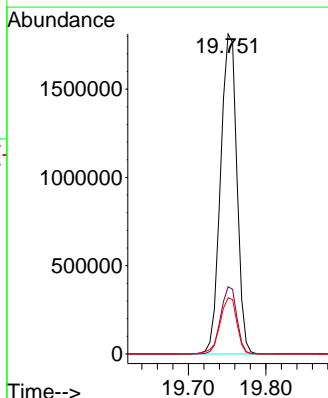
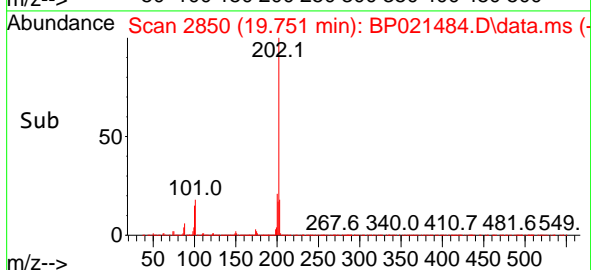
Reviewed By : Yogesh Patel 08/14/2024
 Supervised By : mohammad ahmed 08/14/2024

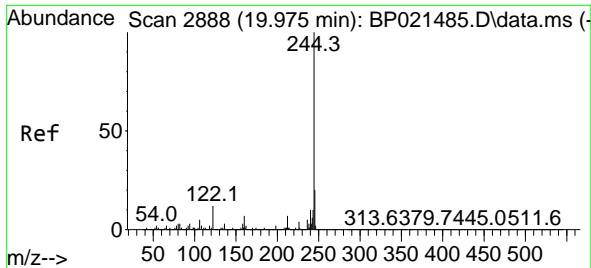


#78
 Pyrene
 Concen: 19.814 ng
 RT: 19.751 min Scan# 2850
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



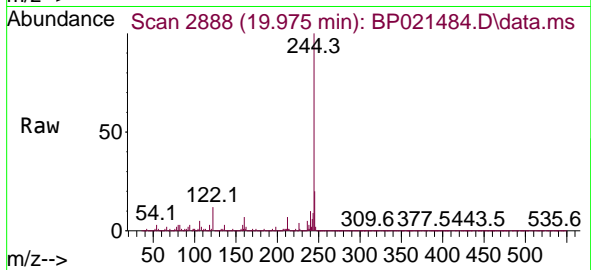
Tgt Ion: 202 Resp: 2656705
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.7 25.1
 203 17.5 14.1 21.1





#79
 Terphenyl-d14
 Concen: 40.160 ng
 RT: 19.975 min Scan# 2888
 Delta R.T. -0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

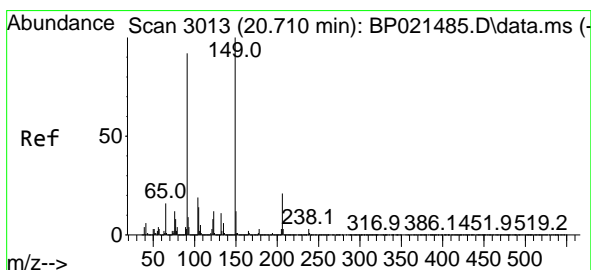
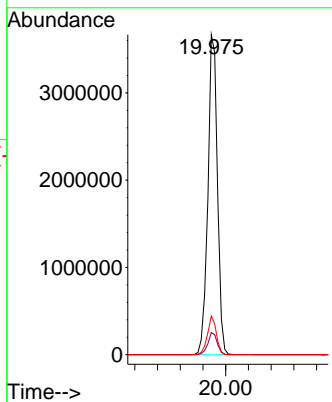
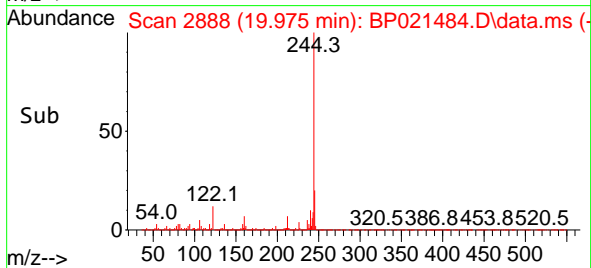
Instrument : BNA_P
 Client Sample Id : SSTDICC020



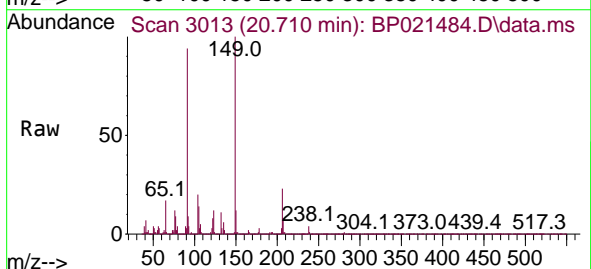
Tgt Ion: 244 Resp: 424055
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 12.1 9.4 14.2

Manual Integrations
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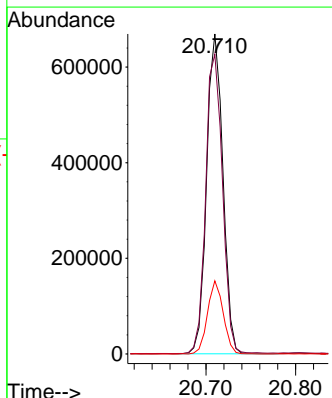
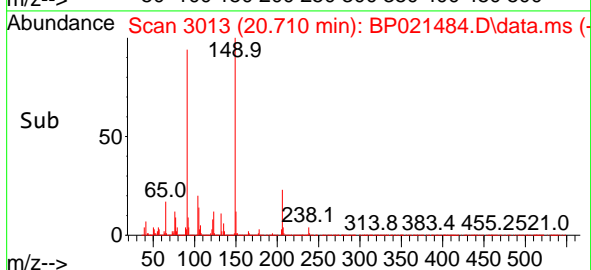
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

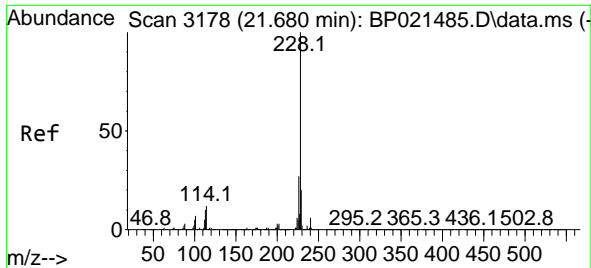


#80
 Butylbenzylphthalate
 Concen: 18.934 ng
 RT: 20.710 min Scan# 3013
 Delta R.T. -0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



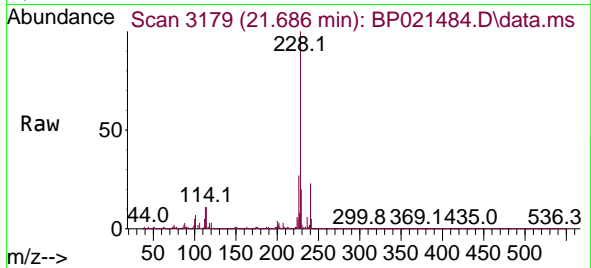
Tgt Ion: 149 Resp: 843482
 Ion Ratio Lower Upper
 149 100
 91 93.7 73.3 109.9
 206 22.9 17.1 25.7





#81
 Benzo(a)anthracene
 Concen: 20.566 ng
 RT: 21.686 min Scan# 3178
 Delta R.T. 0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

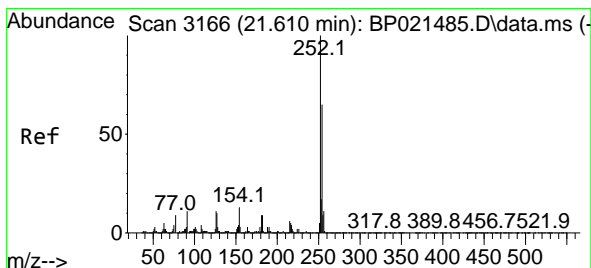
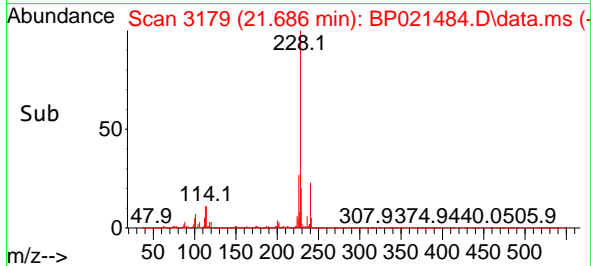
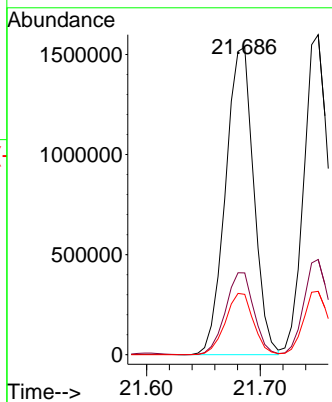
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC020



Tgt Ion: 228 Resp: 2648478
 Ion Ratio Lower Upper
 228 100
 226 26.6 21.4 32.2
 229 19.6 15.8 23.6

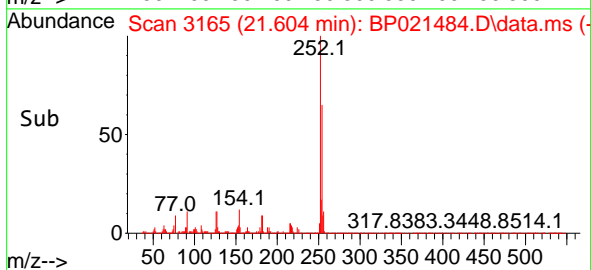
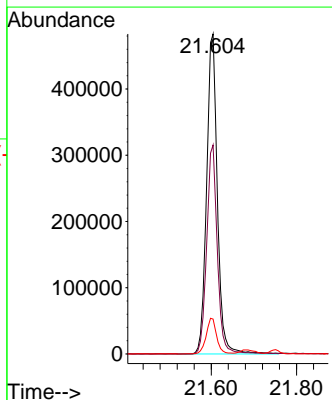
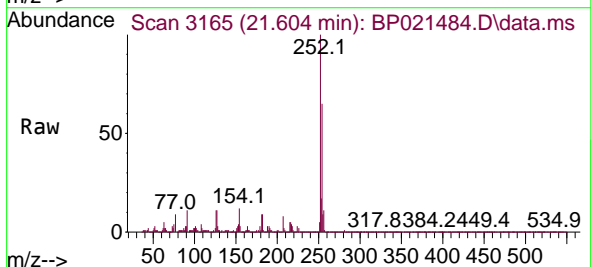
Manual Integrations
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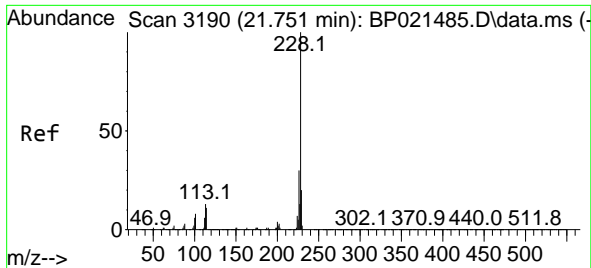
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#82
 3,3'-Dichlorobenzidine
 Concen: 20.526 ng
 RT: 21.604 min Scan# 3165
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

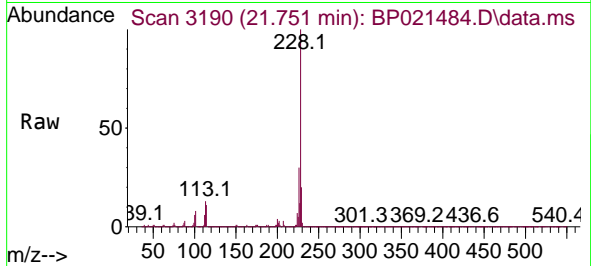
Tgt Ion: 252 Resp: 847490
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.7 77.5
 126 10.9 8.7 13.1





#83
 Chrysene
 Concen: 20.336 ng
 RT: 21.751 min Scan# 3190
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

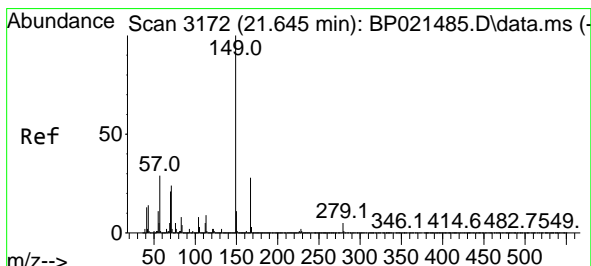
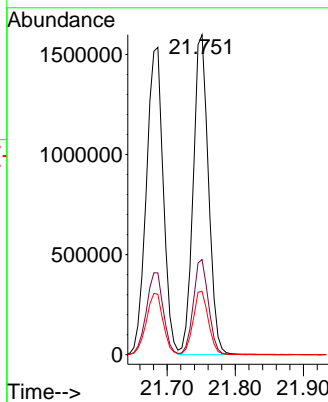
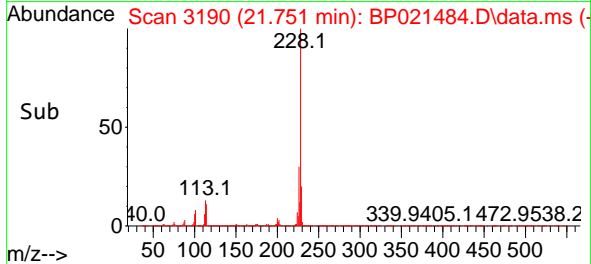
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC020



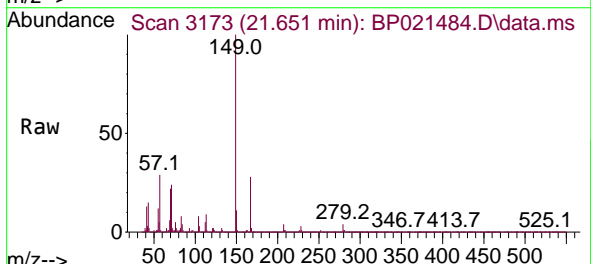
Tgt Ion: 228 Resp: 2472528
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.9 35.9
 229 19.8 15.8 23.6

Manual Integrations
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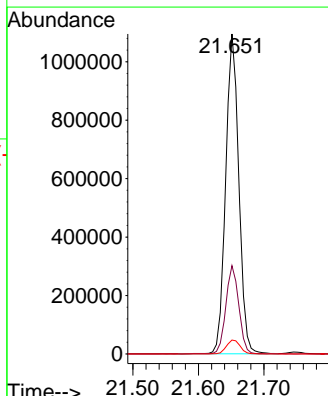
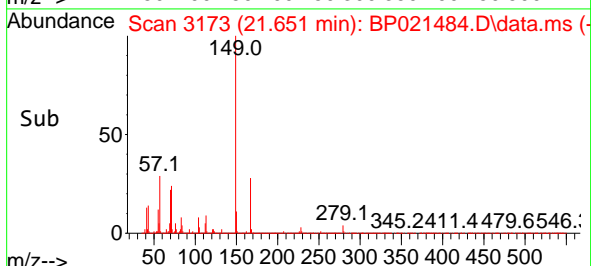
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

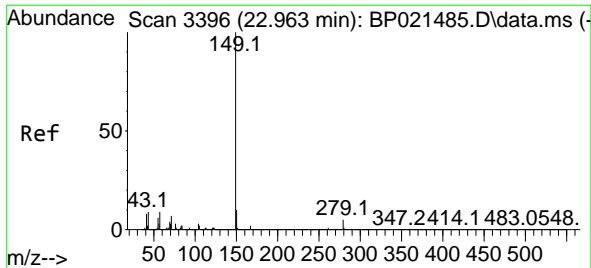


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 19.981 ng
 RT: 21.651 min Scan# 3173
 Delta R.T. 0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



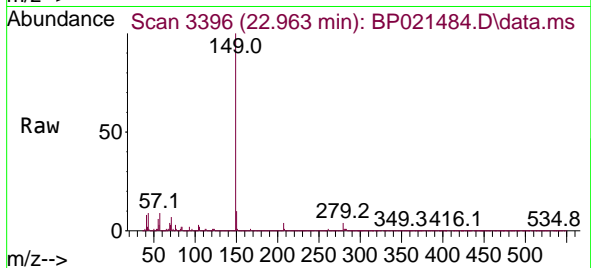
Tgt Ion: 149 Resp: 1520788
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.3 33.5
 279 4.3 3.8 5.6





#85
 Di-n-octyl phthalate
 Concen: 20.217 ng
 RT: 22.963 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC020

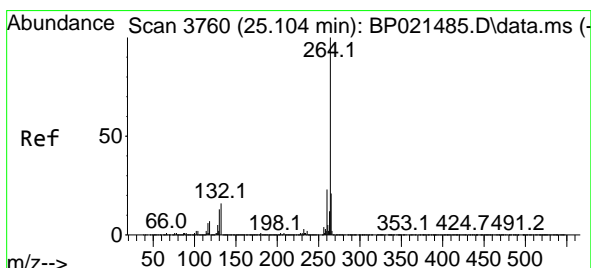
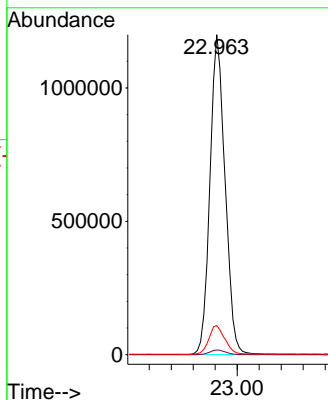
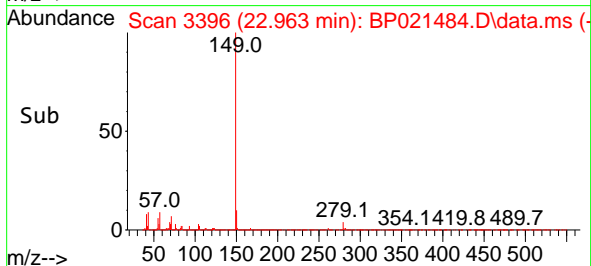


Tgt Ion: 149 Resp: 228682

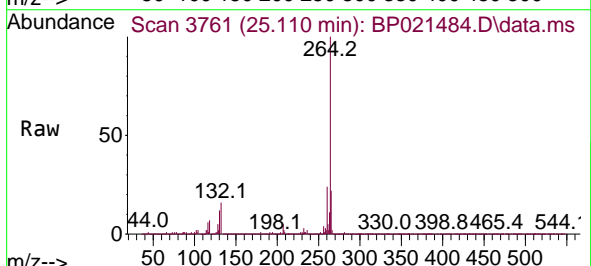
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.4	7.3	10.9

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

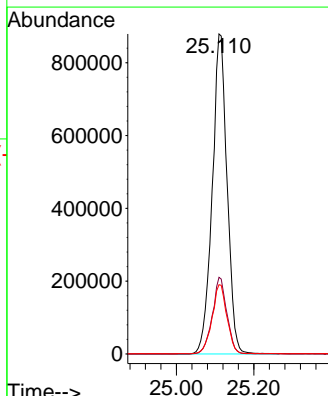
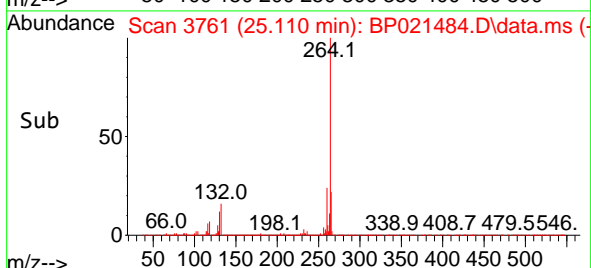


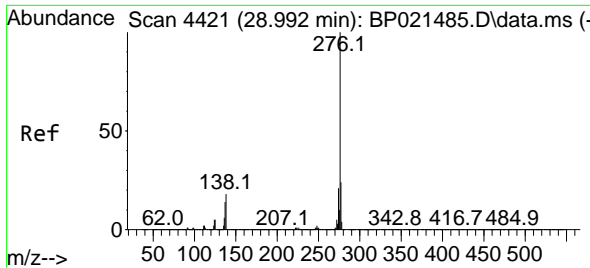
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.110 min Scan# 3761
 Delta R.T. 0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



Tgt Ion: 264 Resp: 2332049

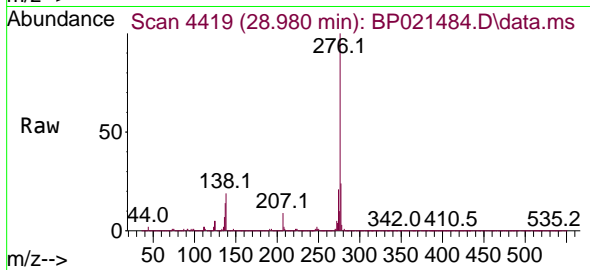
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.7	17.1	25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 20.320 ng m
 RT: 28.980 min Scan# 4421
 Delta R.T. -0.012 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

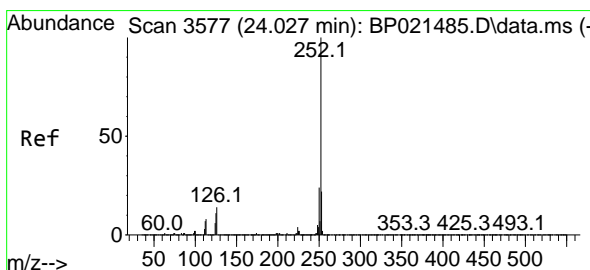
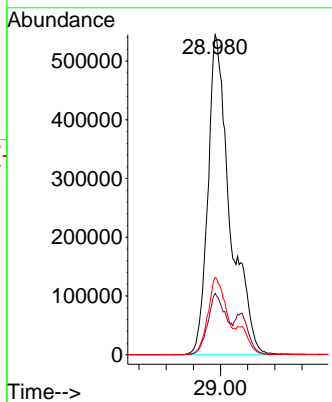
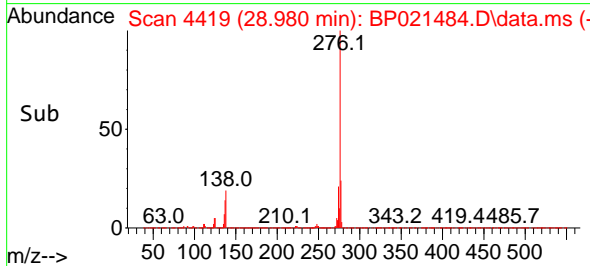
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020



Tgt Ion: 276 Resp: 3071370
 Ion Ratio Lower Upper
 276 100
 138 16.1 12.8 19.2
 277 20.7 16.5 24.7

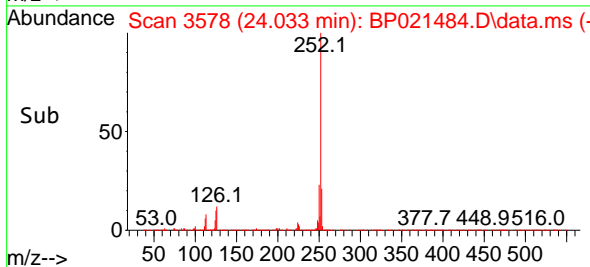
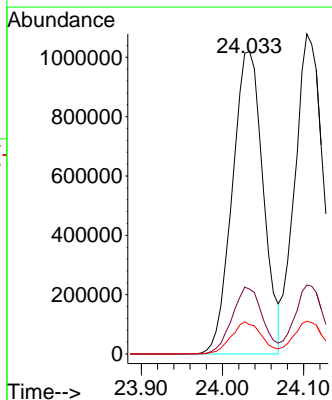
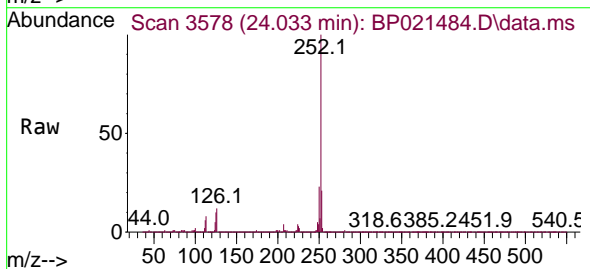
Manual Integrations
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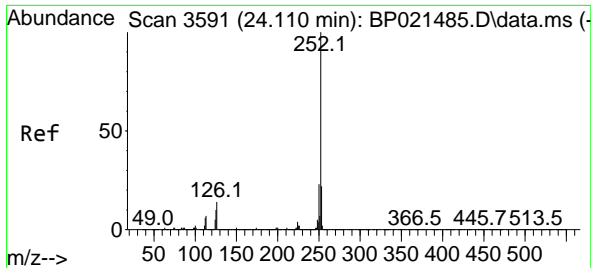
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#88
 Benzo(b)fluoranthene
 Concen: 20.161 ng
 RT: 24.033 min Scan# 3578
 Delta R.T. 0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Tgt Ion: 252 Resp: 2700298
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.6 26.4
 125 9.7 8.6 13.0





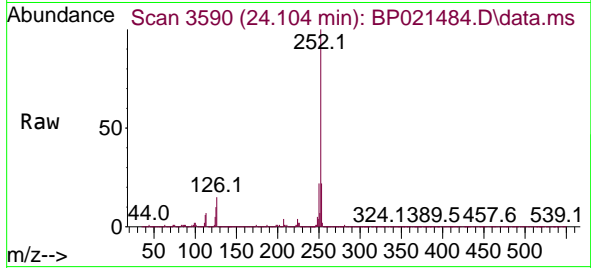
#89
 Benzo(k)fluoranthene
 Concen: 20.059 ng
 RT: 24.104 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

Instrument :

BNA_P

Client Sample Id :

SSTDICC020



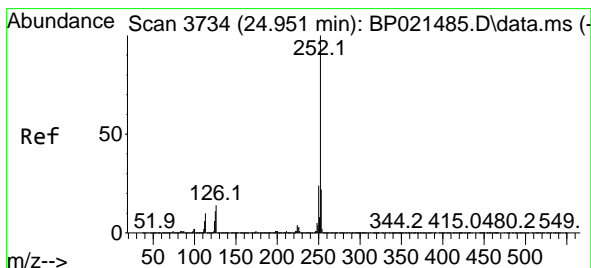
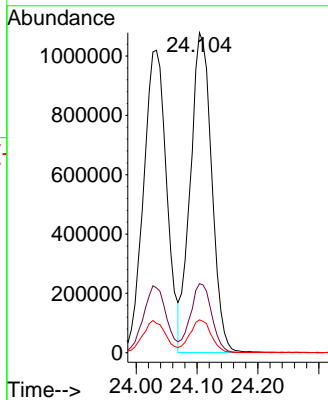
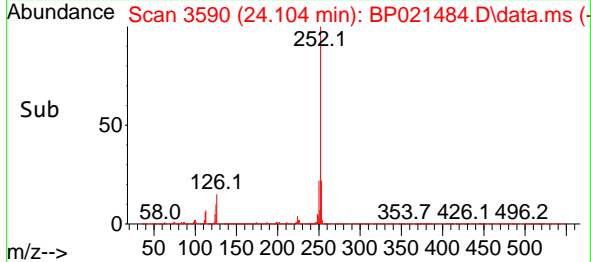
Tgt Ion:252 Resp: 2620830
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.5 26.3
 125 10.2 7.8 11.8

Manual Integrations

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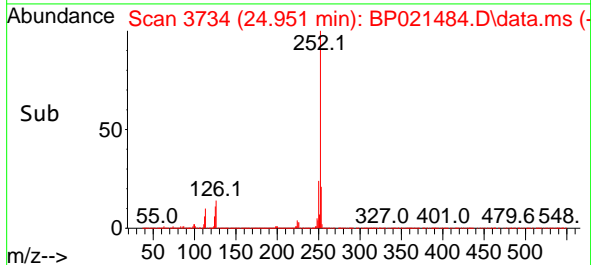
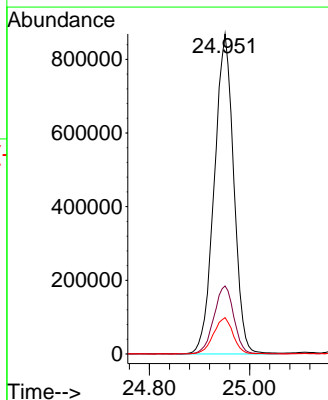
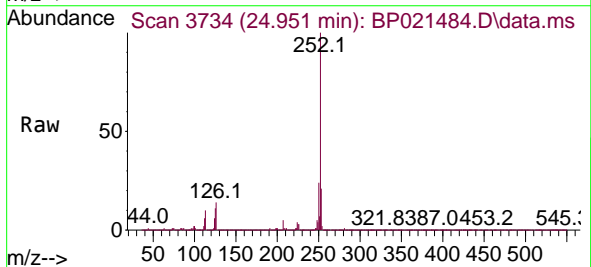
Reviewed By :Yogesh Patel 08/14/2024

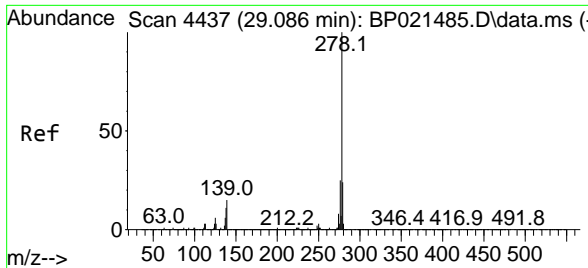
Supervised By :mohammad ahmed 08/14/2024



#90
 Benzo(a)pyrene
 Concen: 20.127 ng
 RT: 24.951 min Scan# 3734
 Delta R.T. 0.000 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

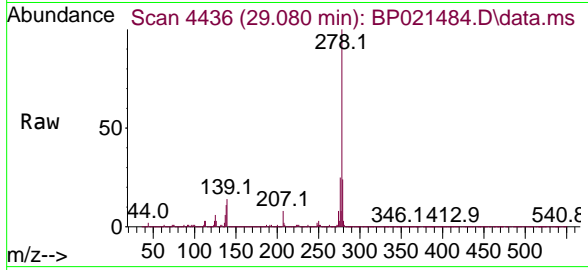
Tgt Ion:252 Resp: 2339364
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.7 26.5
 125 11.3 8.7 13.1





#91
 Dibenzo(a,h)anthracene
 Concen: 20.539 ng
 RT: 29.080 min Scan# 4436
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42

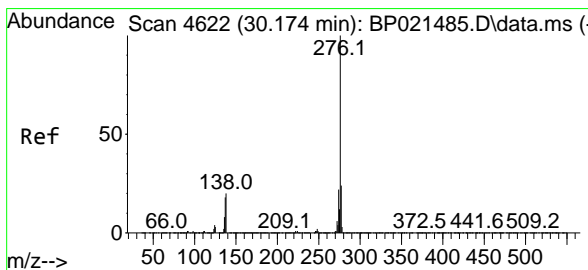
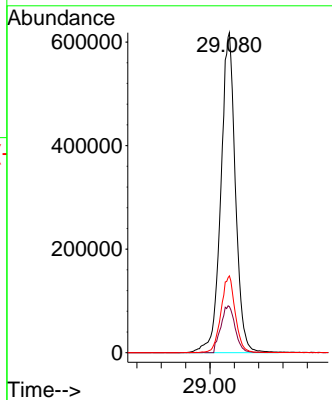
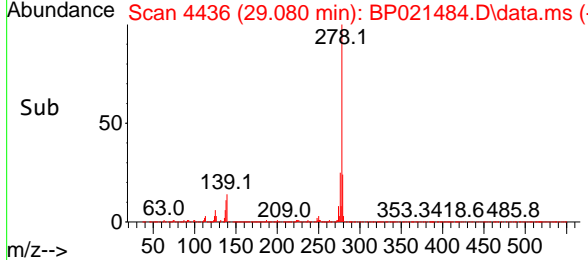
Instrument : BNA_P
 Client Sample Id : SSTDICC020



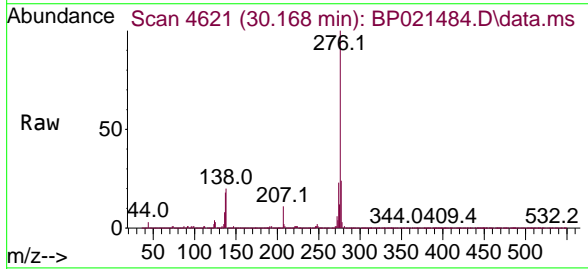
Tgt Ion: 278 Resp: 257976
 Ion Ratio Lower Upper
 278 100
 139 14.4 12.2 18.4
 279 24.0 19.1 28.7

Manual Integrations
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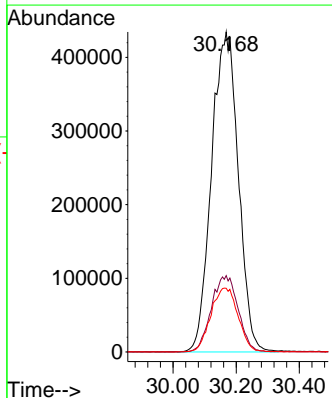
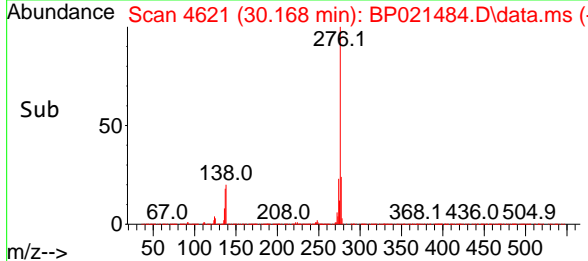
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#92
 Benzo(g,h,i)perylene
 Concen: 20.300 ng
 RT: 30.168 min Scan# 4621
 Delta R.T. -0.006 min
 Lab File: BP021484.D
 Acq: 13 Aug 2024 14:42



Tgt Ion: 276 Resp: 2555517
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.0 28.6
 138 19.9 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021485.D
 Acq On : 13 Aug 2024 15:26
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 23:53:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	334672	20.000	ng	0.00	
21) Naphthalene-d8	10.599	136	1379126	20.000	ng	0.00	
39) Acenaphthene-d10	14.457	164	890240	20.000	ng	0.00	
64) Phenanthrene-d10	17.251	188	1905279	20.000	ng	0.00	
76) Chrysenes-d12	21.698	240	1820074	20.000	ng	0.00	
86) Perylene-d12	25.104	264	2085332	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1804372	80.056	ng	0.00	
7) Phenol-d6	6.964	99	2647910	80.535	ng	0.00	
23) Nitrobenzene-d5	8.952	82	2262476	84.675	ng	0.00	
42) 2,4,6-Tribromophenol	15.969	330	840745	84.855	ng	0.00	
45) 2-Fluorobiphenyl	13.063	172	4724987	81.001	ng	0.00	
79) Terphenyl-d14	19.975	244	7322059	78.155	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.317	88	429612	40.199	ng	100	
3) Pyridine	3.705	79	1205871m	40.419	ng		
4) n-Nitrosodimethylamine	3.617	42	356290	39.732	ng	100	
6) Aniline	7.134	93	1324158	40.285	ng	100	
8) 2-Chlorophenol	7.375	128	836602	40.166	ng	100	
9) Benzaldehyde	6.946	77	801968	38.095	ng	100	
10) Phenol	6.987	94	1368534	40.195	ng	100	
11) bis(2-Chloroethyl)ether	7.228	93	1139337	39.547	ng	100	
12) 1,3-Dichlorobenzene	7.699	146	972133	39.292	ng	100	
13) 1,4-Dichlorobenzene	7.840	146	987045	39.509	ng	100	
14) 1,2-Dichlorobenzene	8.158	146	943886	39.206	ng	100	
15) Benzyl Alcohol	8.034	79	947378	40.158	ng	100	
16) 2,2'-oxybis(1-Chloropr...	8.334	45	1035140	39.016	ng	100	
17) 2-Methylphenol	8.234	107	863176	40.102	ng	100	
18) Hexachloroethane	8.893	117	397406	39.668	ng	100	
19) n-Nitroso-di-n-propyla...	8.605	70	897052	39.497	ng	100	
20) 3+4-Methylphenols	8.558	107	1176757	40.546	ng	100	
22) Acetophenone	8.616	105	1688225	39.846	ng	100	
24) Nitrobenzene	8.993	77	1221296	42.085	ng	100	
25) Isophorone	9.522	82	2519531	39.915	ng	100	
26) 2-Nitrophenol	9.699	139	259209	39.575	ng	100	
27) 2,4-Dimethylphenol	9.758	122	621559	39.900	ng	100	
28) bis(2-Chloroethoxy)met...	10.005	93	1515653	39.336	ng	100	
29) 2,4-Dichlorophenol	10.240	162	751870	40.849	ng	100	
30) 1,2,4-Trichlorobenzene	10.457	180	938177	39.757	ng	100	
31) Naphthalene	10.646	128	2870666	39.845	ng	100	
32) Benzoic acid	9.875	122	356582	38.509	ng	100	
33) 4-Chloroaniline	10.740	127	1090714	40.303	ng	100	
34) Hexachlorobutadiene	10.940	225	594148	39.989	ng	100	
35) Caprolactam	11.499	113	314109	41.005	ng	100	
36) 4-Chloro-3-methylphenol	11.863	107	1055054	41.323	ng	100	
37) 2-Methylnaphthalene	12.263	142	1944719	39.550	ng	100	
38) 1-Methylnaphthalene	12.481	142	1921454	39.621	ng	100	
40) 1,2,4,5-Tetrachloroben...	12.628	216	1058707	40.588	ng	100	
41) Hexachlorocyclopentadiene	12.622	237	341369	41.293	ng	100	
43) 2,4,6-Trichlorophenol	12.869	196	610003	42.100	ng	100	

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021485.D
 Acq On : 13 Aug 2024 15:26
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 SSTDICCC040

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 23:53:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	680956	42.300	ng	100
46) 1,1'-Biphenyl	13.281	154	2542708	40.370	ng	100
47) 2-Chloronaphthalene	13.316	162	1987834	40.538	ng	100
48) 2-Nitroaniline	13.504	65	506883	38.074	ng	100
49) Acenaphthylene	14.169	152	2928814	40.630	ng	100
50) Dimethylphthalate	13.910	163	2408078	40.392	ng	100
51) 2,6-Dinitrotoluene	14.022	165	454687	38.650	ng	100
52) Acenaphthene	14.522	154	1911119	40.406	ng	100
53) 3-Nitroaniline	14.351	138	452937	39.107	ng	100
54) 2,4-Dinitrophenol	14.551	184	116797	38.943	ng	100
55) Dibenzofuran	14.857	168	2936517	40.359	ng	100
56) 4-Nitrophenol	14.651	139	358912	39.073	ng	100
57) 2,4-Dinitrotoluene	14.810	165	570222	38.397	ng	100
58) Fluorene	15.516	166	2410461	40.326	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.087	232	584357	42.766	ng	100
60) Diethylphthalate	15.304	149	2486968	40.656	ng	100
61) 4-Chlorophenyl-phenyle...	15.522	204	1236572	40.022	ng	100
62) 4-Nitroaniline	15.528	138	485672	40.451	ng	100
63) Azobenzene	15.822	77	3052445	40.594	ng	100
65) 4,6-Dinitro-2-methylph...	15.587	198	199156	38.603	ng	100
66) n-Nitrosodiphenylamine	15.740	169	2051265	40.175	ng	100
67) 4-Bromophenyl-phenylether	16.439	248	790673	39.211	ng	100
68) Hexachlorobenzene	16.551	284	958921	40.240	ng	100
69) Atrazine	16.716	200	726072	41.419	ng	100
70) Pentachlorophenol	16.892	266	520400	40.011	ng	100
71) Phenanthrene	17.298	178	3678868	40.150	ng	100
72) Anthracene	17.398	178	3619950	40.283	ng	100
73) Carbazole	17.669	167	3543089	40.912	ng	100
74) Di-n-butylphthalate	18.275	149	4378720	41.170	ng	100
75) Fluoranthene	19.381	202	4572881	40.674	ng	100
77) Benzidine	19.575	184	1735103	41.023	ng	100
78) Pyrene	19.751	202	4694393	39.461	ng	100
80) Butylbenzylphthalate	20.710	149	1712106	38.676	ng	100
81) Benzo(a)anthracene	21.680	228	4615389	40.395	ng	100
82) 3,3'-Dichlorobenzidine	21.610	252	1559563	42.572	ng	100
83) Chrysene	21.751	228	4358695	40.405	ng	100
84) Bis(2-ethylhexyl)phtha...	21.645	149	2841806	42.082	ng	100
85) Di-n-octyl phthalate	22.963	149	4538217	39.238	ng	100
87) Indeno(1,2,3-cd)pyrene	28.992	276	5533549m	40.941	ng	
88) Benzo(b)fluoranthene	24.027	252	4815875	40.211	ng	100
89) Benzo(k)fluoranthene	24.110	252	4757000	40.717	ng	100
90) Benzo(a)pyrene	24.951	252	4221348	40.616	ng	100
91) Dibenzo(a,h)anthracene	29.086	278	4594554	40.908	ng	100
92) Benzo(g,h,i)perylene	30.174	276	4595577	40.824	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

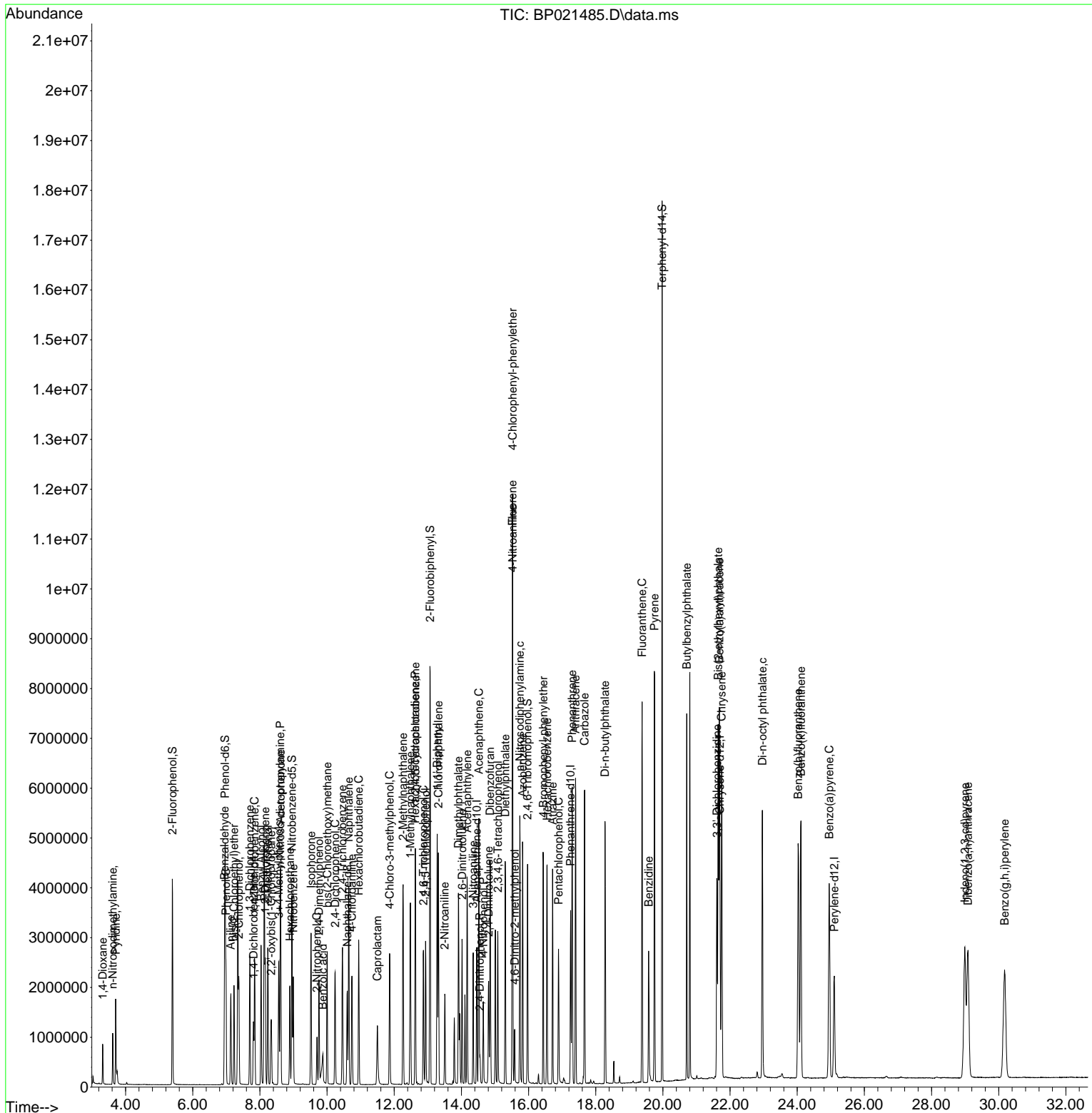
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
Data File : BP021485.D
Acq On : 13 Aug 2024 15:26
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

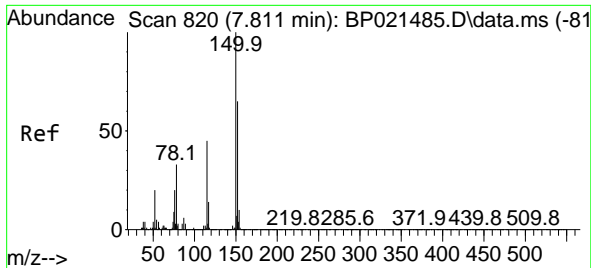
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Aug 13 23:53:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 23:44:24 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024





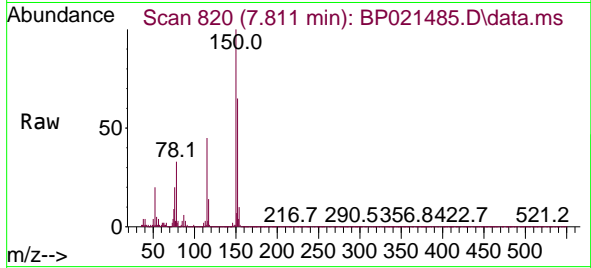
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.811 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument :

BNA_P

Client Sample Id :

SSTDICCC040



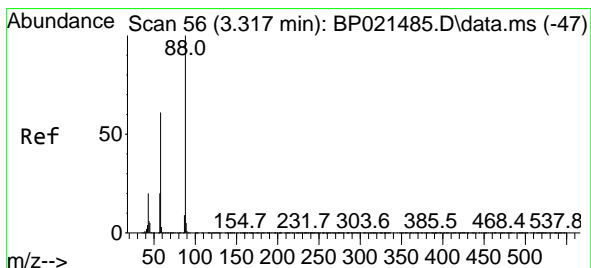
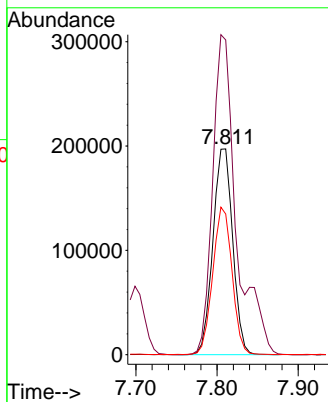
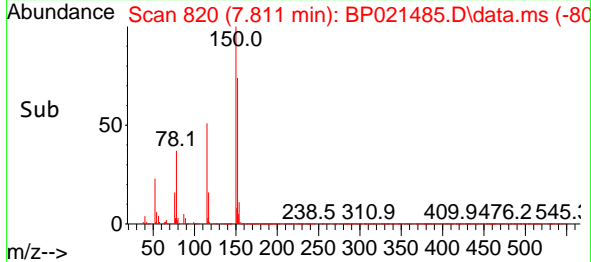
Tgt Ion: 152 Resp: 33467
 Ion Ratio Lower Upper
 152 100
 150 153.0 122.4 183.6
 115 68.4 54.7 82.1

Manual Integrations

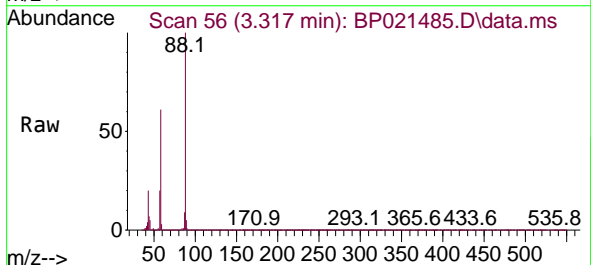
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

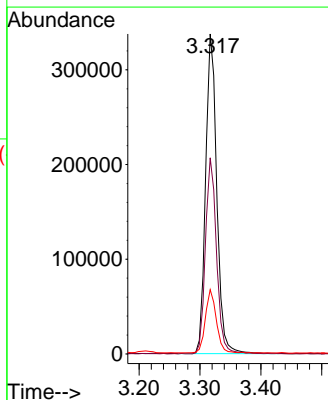
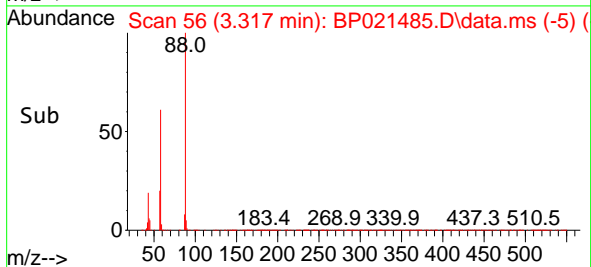
Supervised By :mohammad ahmed 08/14/2024

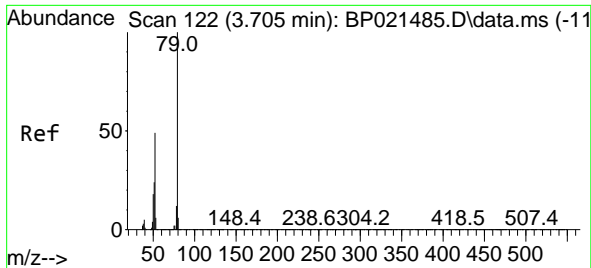


#2
 1,4-Dioxane
 Concen: 40.199 ng
 RT: 3.317 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



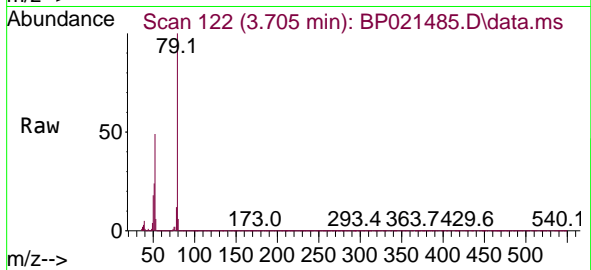
Tgt Ion: 88 Resp: 429612
 Ion Ratio Lower Upper
 88 100
 58 60.9 48.7 73.1
 43 19.3 15.4 23.2





#3
 Pyridine
 Concen: 40.419 ng m
 RT: 3.705 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

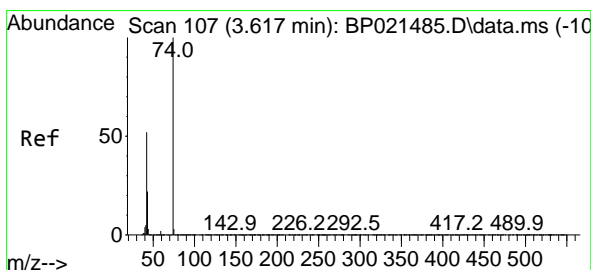
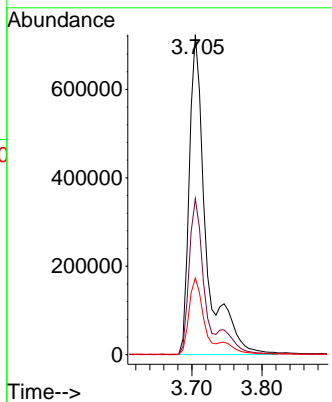
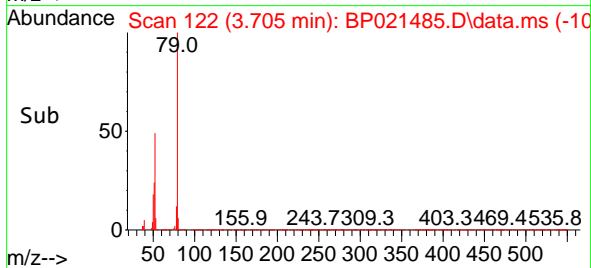
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC040



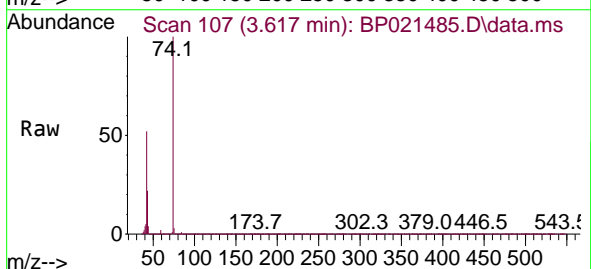
Tgt Ion: 79 Resp: 120587
 Ion Ratio Lower Upper
 79 100
 52 48.8 39.0 58.6
 51 24.0 19.2 28.8

Manual Integrations
 APPROVED

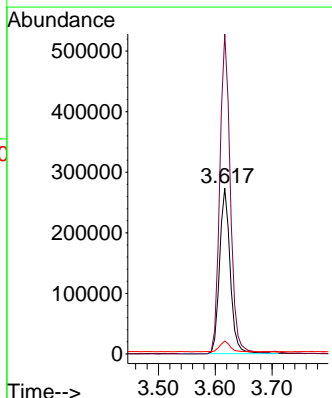
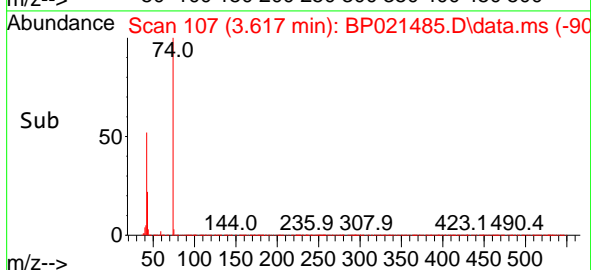
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

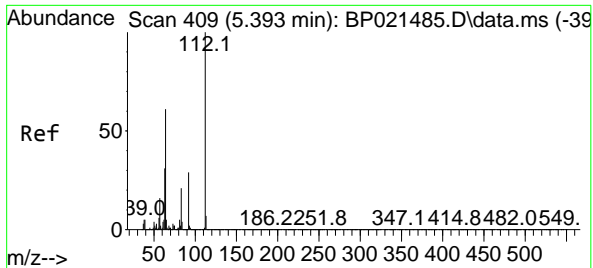


#4
 n-Nitrosodimethylamine
 Concen: 39.732 ng
 RT: 3.617 min Scan# 107
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



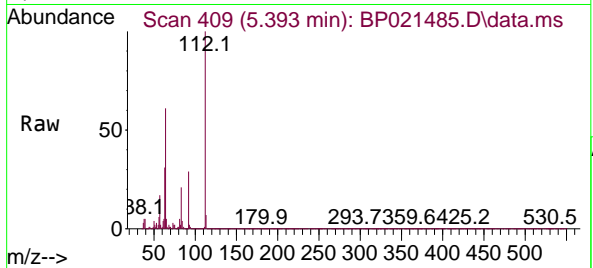
Tgt Ion: 42 Resp: 356290
 Ion Ratio Lower Upper
 42 100
 74 192.9 154.3 231.5
 44 7.8 6.2 9.4





#5
 2-Fluorophenol
 Concen: 80.056 ng
 RT: 5.393 min Scan# 409
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

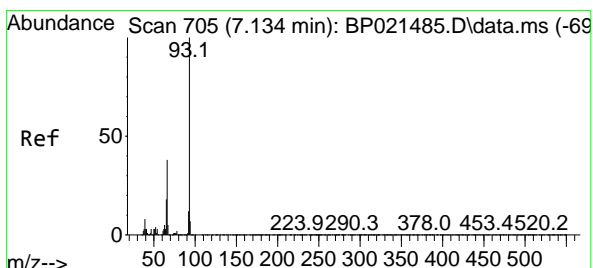
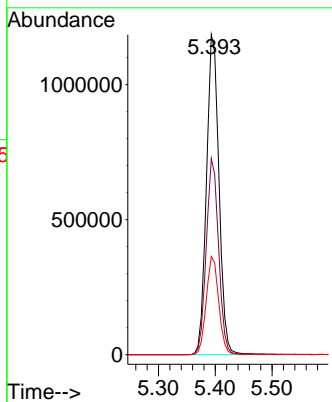
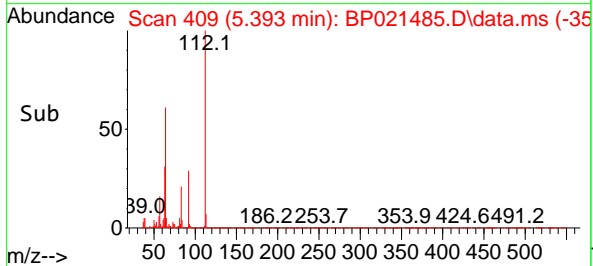
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC040



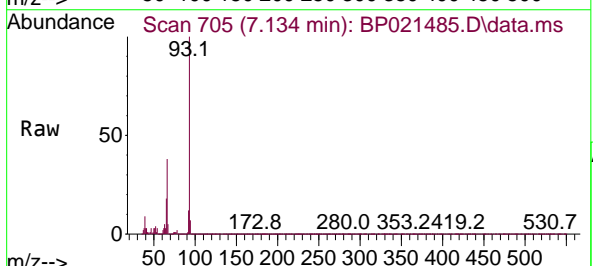
Tgt Ion: 112 Resp: 180437
 Ion Ratio Lower Upper
 112 100
 64 61.3 49.0 73.6
 63 30.7 24.6 36.8

Manual Integrations
APPROVED

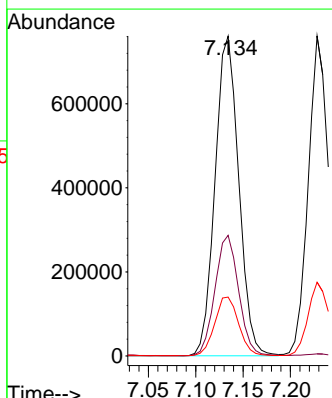
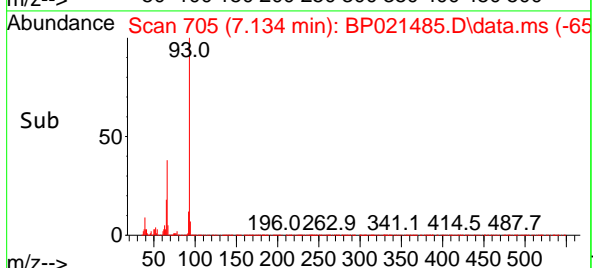
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

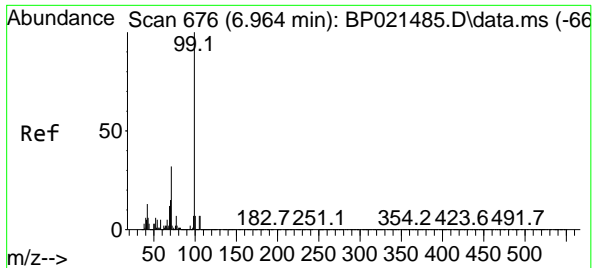


#6
 Aniline
 Concen: 40.285 ng
 RT: 7.134 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



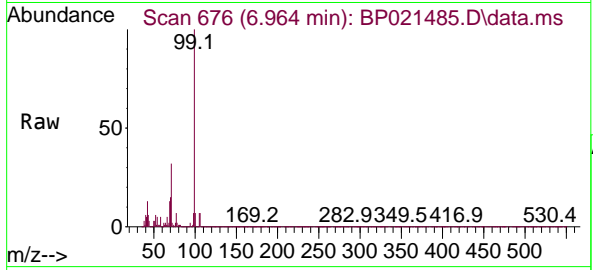
Tgt Ion: 93 Resp: 1324158
 Ion Ratio Lower Upper
 93 100
 66 37.7 30.2 45.2
 65 18.4 14.7 22.1





#7
 Phenol-d6
 Concen: 80.535 ng
 RT: 6.964 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

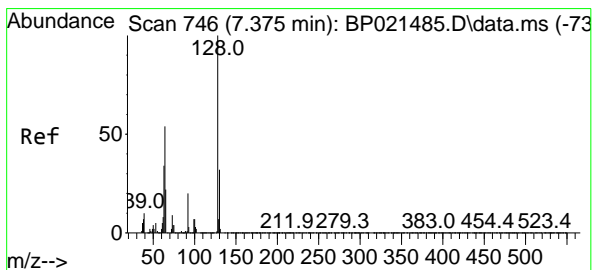
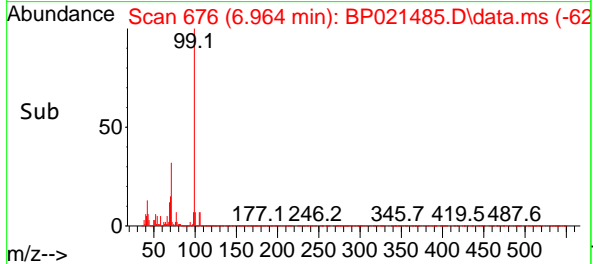
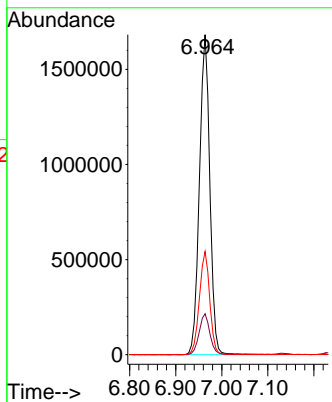
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC040



Tgt Ion: 99 Resp: 2647910
 Ion Ratio Lower Upper
 99 100
 42 12.8 10.2 15.4
 71 32.3 25.8 38.8

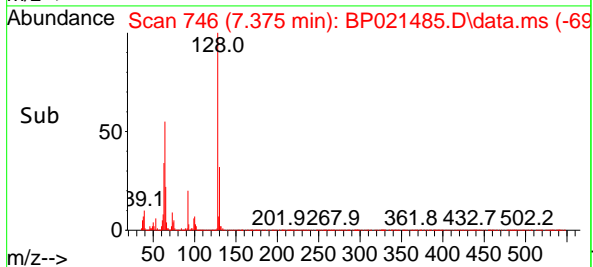
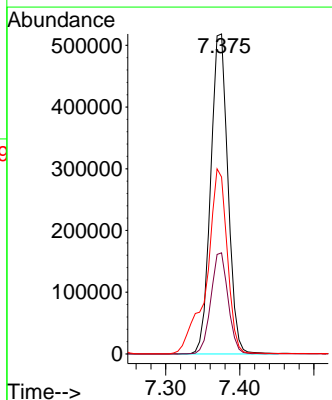
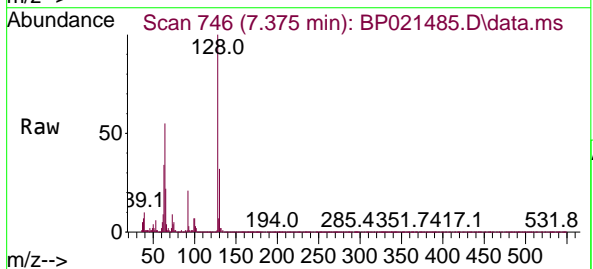
Manual Integrations
 APPROVED

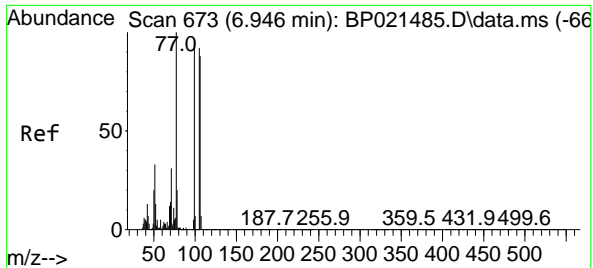
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#8
 2-Chlorophenol
 Concen: 40.166 ng
 RT: 7.375 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

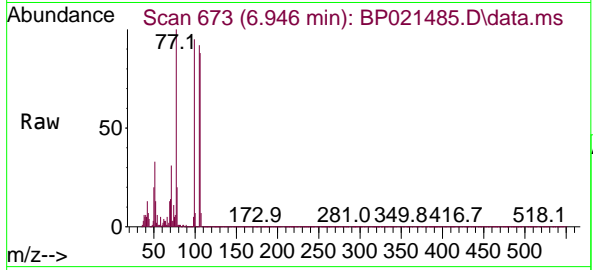
Tgt Ion:128 Resp: 836602
 Ion Ratio Lower Upper
 128 100
 130 31.6 11.6 51.6
 64 55.3 35.3 75.3





#9
 Benzaldehyde
 Concen: 38.095 ng
 RT: 6.946 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

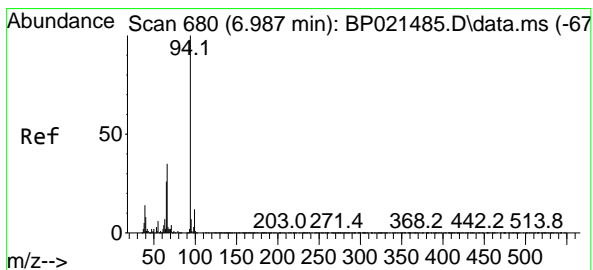
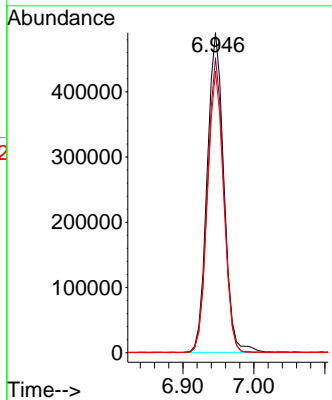
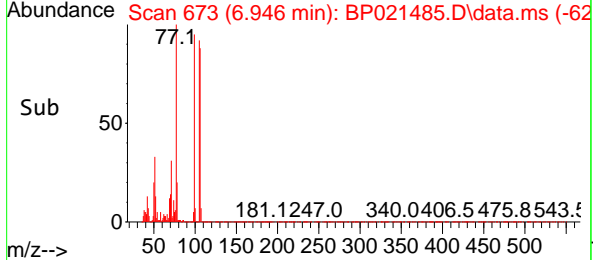
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC040



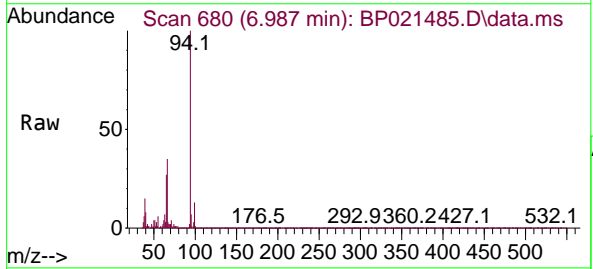
Tgt Ion: 77 Resp: 80196
 Ion Ratio Lower Upper
 77 100
 105 92.1 72.1 112.1
 106 87.9 67.9 107.9

Manual Integrations
 APPROVED

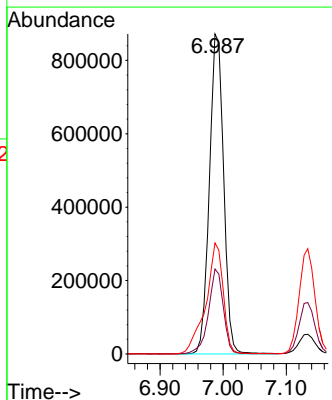
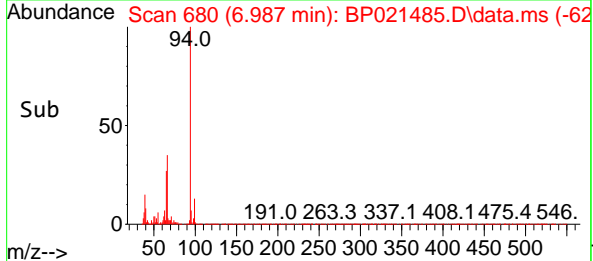
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

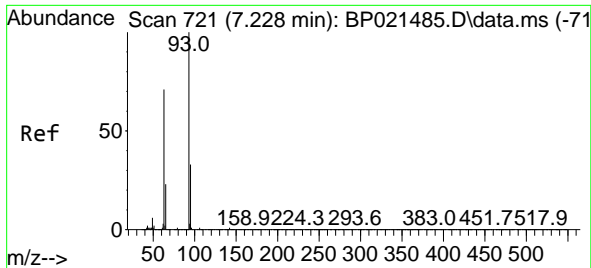


#10
 Phenol
 Concen: 40.195 ng
 RT: 6.987 min Scan# 680
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



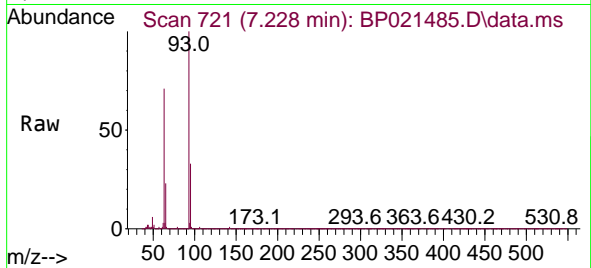
Tgt Ion: 94 Resp: 1368534
 Ion Ratio Lower Upper
 94 100
 65 26.5 6.5 46.5
 66 34.7 14.7 54.7





#11
 bis(2-Chloroethyl)ether
 Concen: 39.547 ng
 RT: 7.228 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC040

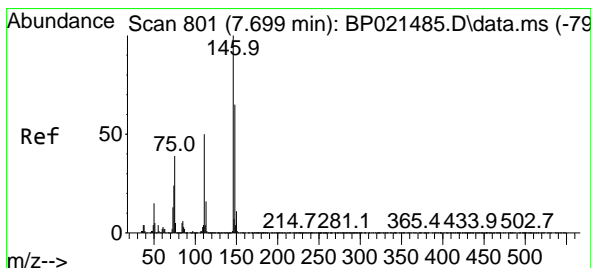
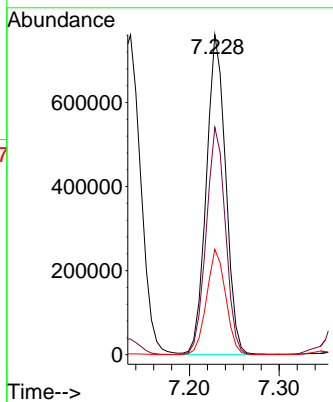
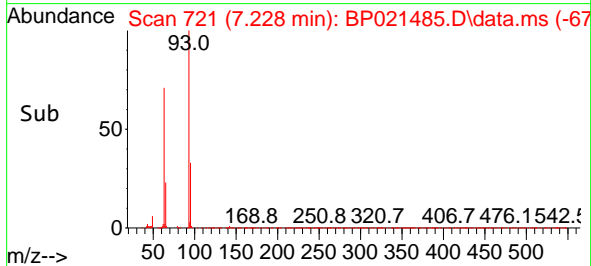


Tgt Ion: 93 Resp: 113933

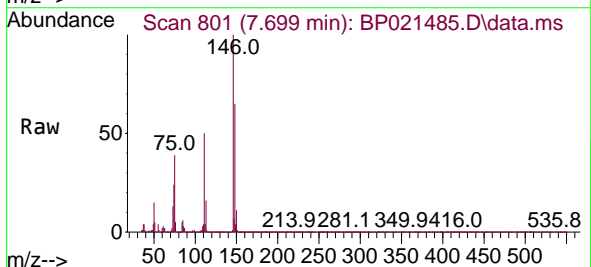
Ion	Ratio	Lower	Upper
93	100		
63	71.0	51.0	91.0
95	32.9	12.9	52.9

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

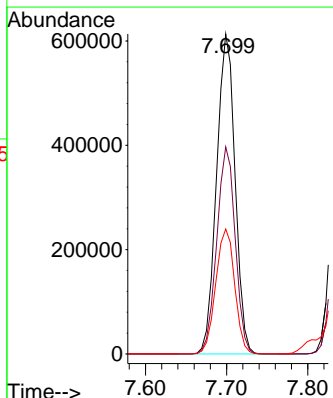
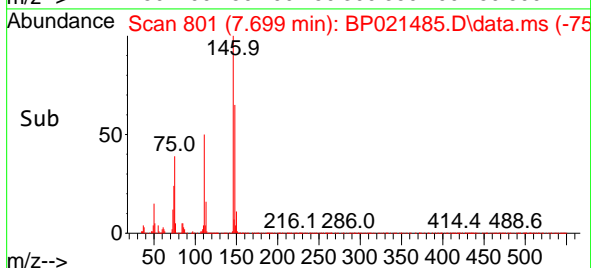


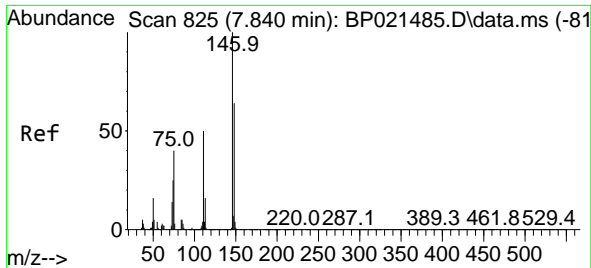
#12
 1,3-Dichlorobenzene
 Concen: 39.292 ng
 RT: 7.699 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion:146 Resp: 972133

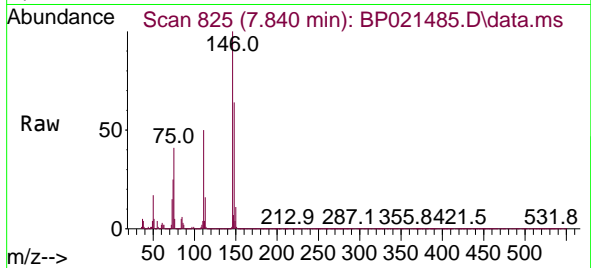
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
75	39.1	31.3	46.9





#13
 1,4-Dichlorobenzene
 Concen: 39.509 ng
 RT: 7.840 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

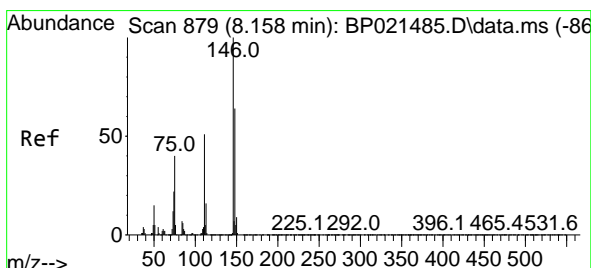
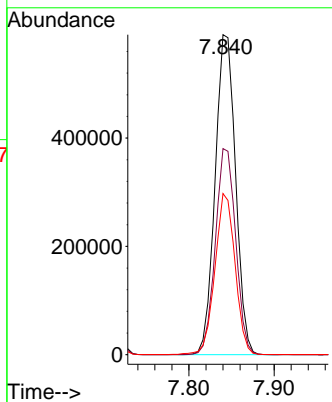
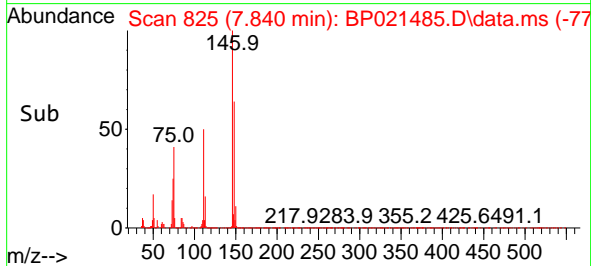
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC040



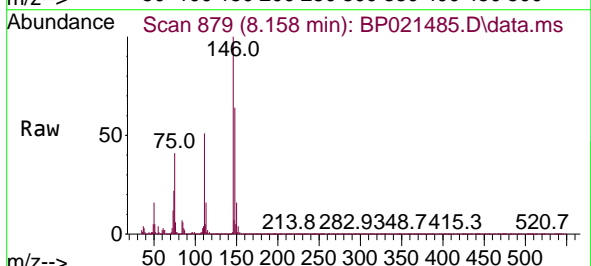
Tgt Ion:146 Resp: 98704
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.5 77.3
 111 50.4 40.3 60.5

Manual Integrations
 APPROVED

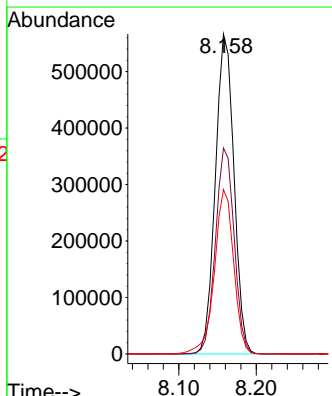
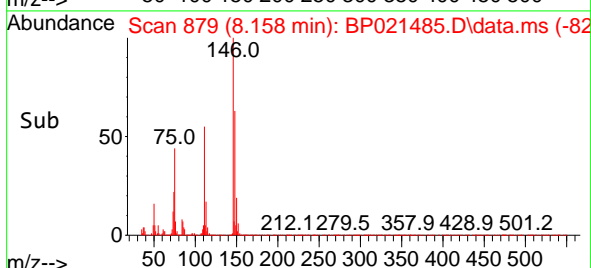
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

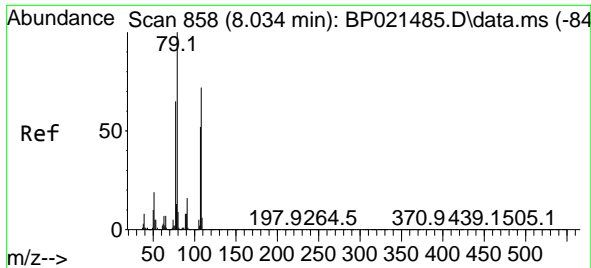


#14
 1,2-Dichlorobenzene
 Concen: 39.206 ng
 RT: 8.158 min Scan# 879
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



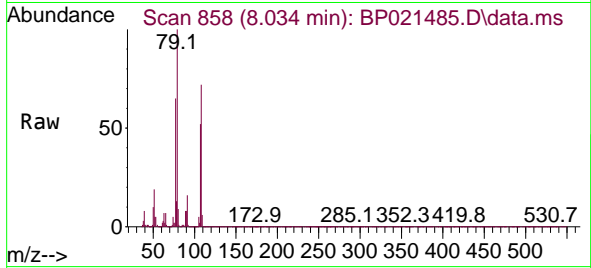
Tgt Ion:146 Resp: 943886
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.5 77.3
 111 51.4 41.1 61.7





#15
 Benzyl Alcohol
 Concen: 40.158 ng
 RT: 8.034 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC040

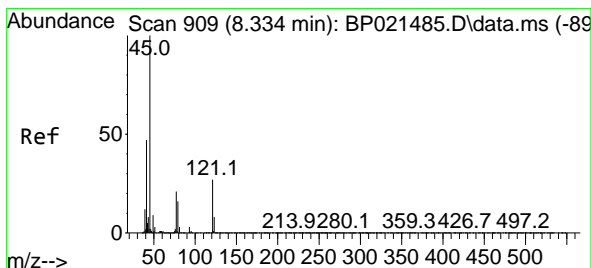
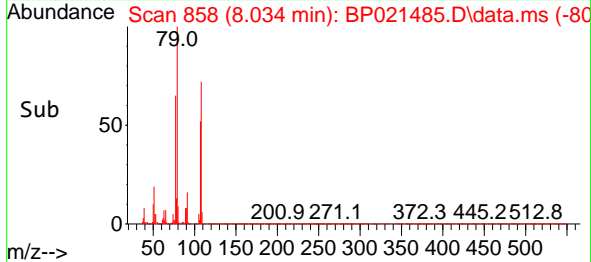
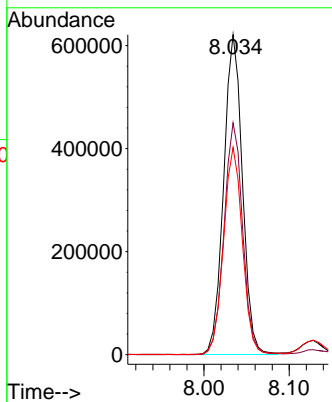


Tgt Ion: 79 Resp: 947378

Ion	Ratio	Lower	Upper
79	100		
108	72.4	57.9	86.9
77	64.8	51.8	77.8

Manual Integrations
 APPROVED

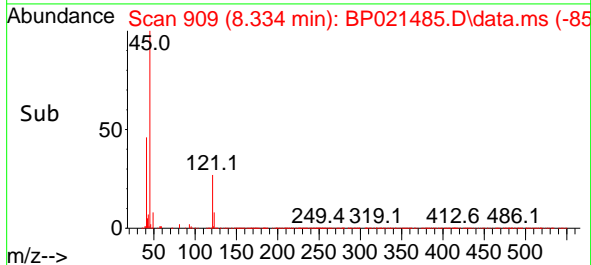
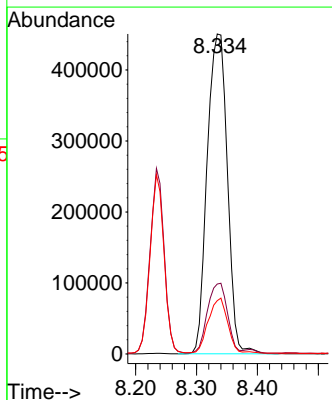
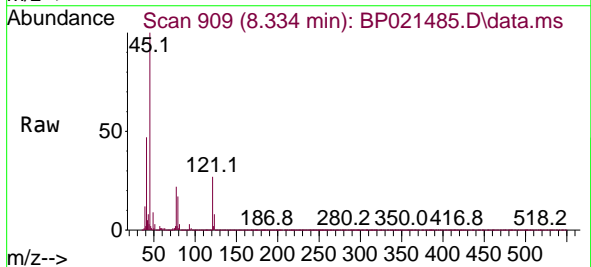
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

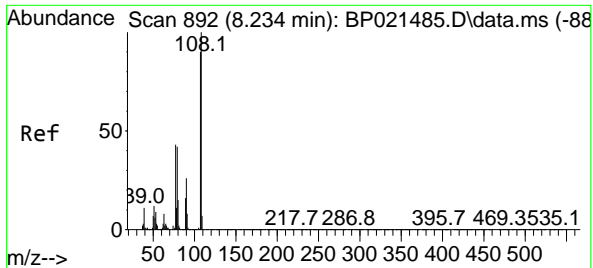


#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 39.016 ng
 RT: 8.334 min Scan# 909
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Tgt Ion: 45 Resp: 1035140

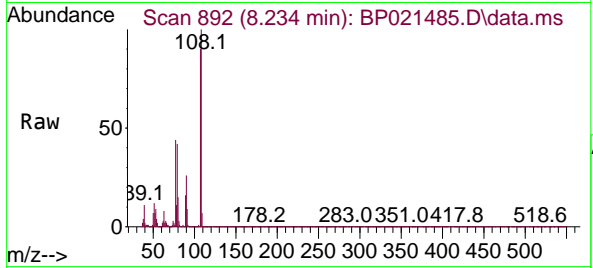
Ion	Ratio	Lower	Upper
45	100		
77	21.9	1.9	41.9
79	16.6	0.0	36.6





#17
 2-Methylphenol
 Concen: 40.102 ng
 RT: 8.234 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICCC040

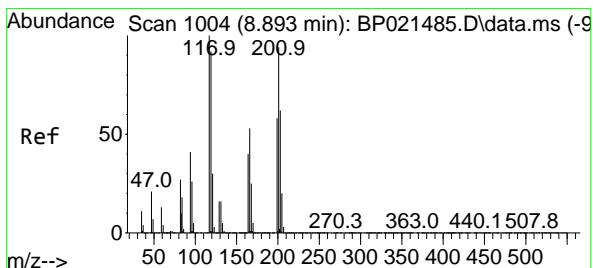
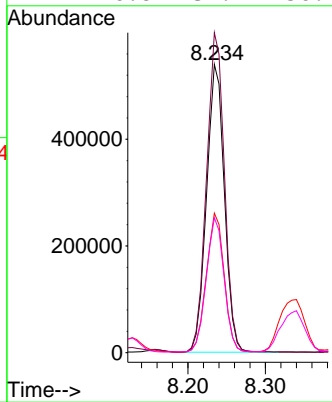
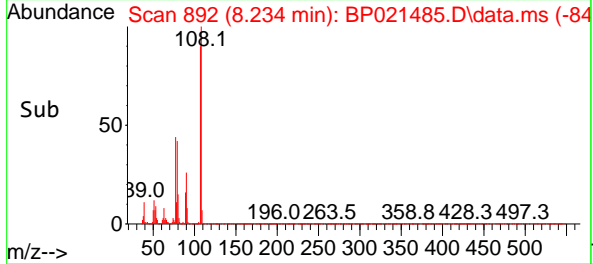


Tgt Ion: 107 Resp: 863170

Ion	Ratio	Lower	Upper
107	100		
108	111.0	88.8	133.2
77	48.4	38.7	58.1
79	46.8	37.4	56.2

Manual Integrations
 APPROVED

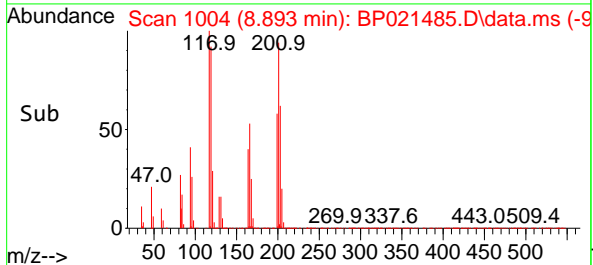
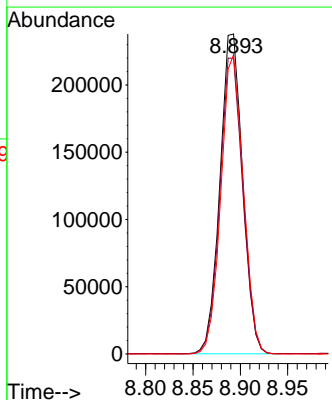
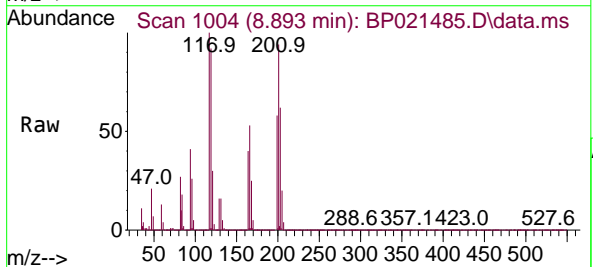
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

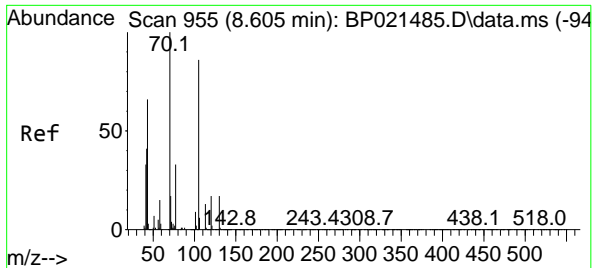


#18
 Hexachloroethane
 Concen: 39.668 ng
 RT: 8.893 min Scan# 1004
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Tgt Ion: 117 Resp: 397406

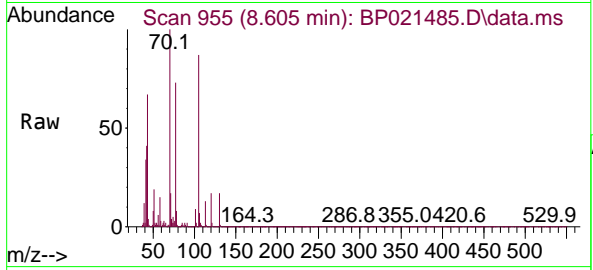
Ion	Ratio	Lower	Upper
117	100		
119	92.4	73.9	110.9
201	93.6	74.9	112.3





#19
 n-Nitroso-di-n-propylamine
 Concen: 39.497 ng
 RT: 8.605 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument : BNA_P
 Client Sample Id : SSTDICCC040

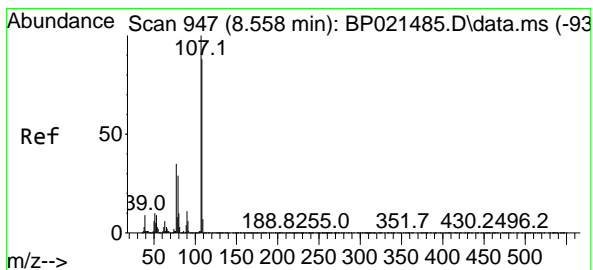
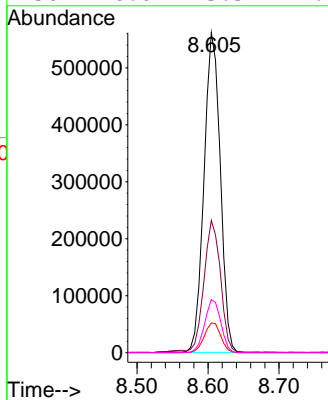
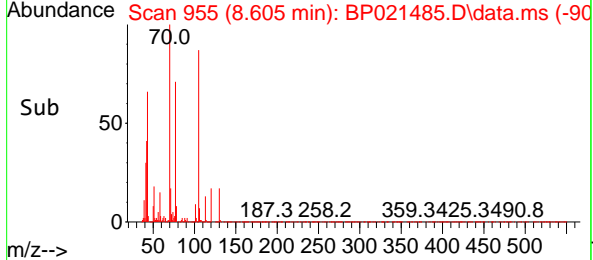


Tgt Ion: 70 Resp: 89705

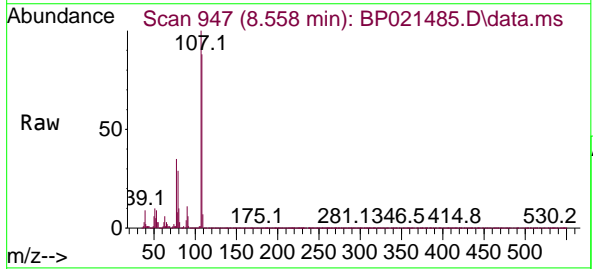
Ion	Ratio	Lower	Upper
70	100		
42	41.4	33.1	49.7
101	9.3	7.4	11.2
130	16.6	13.3	19.9

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

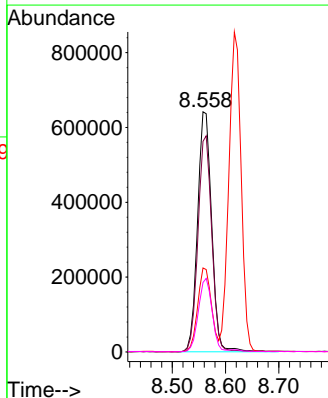
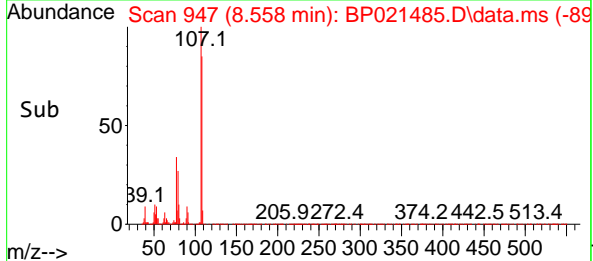


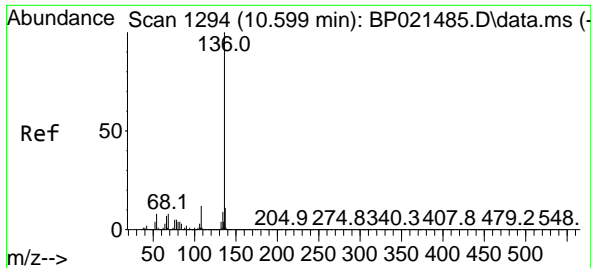
#20
 3+4-Methylphenols
 Concen: 40.546 ng
 RT: 8.558 min Scan# 947
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion: 107 Resp: 1176757

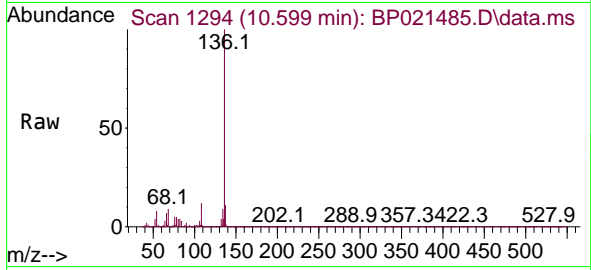
Ion	Ratio	Lower	Upper
107	100		
108	87.6	67.6	107.6
77	35.0	15.0	55.0
79	28.9	8.9	48.9





#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.599 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC040

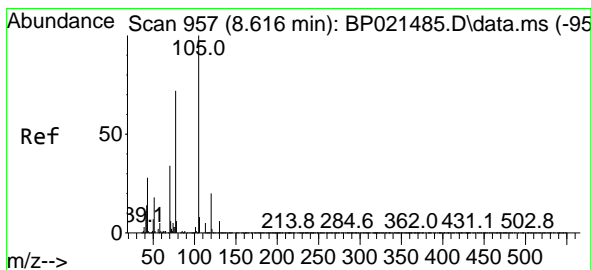
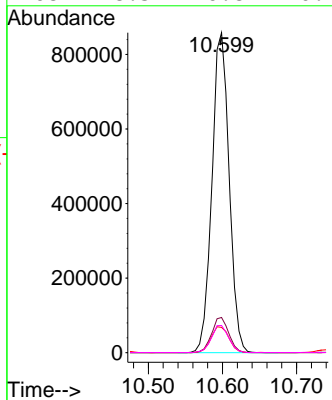
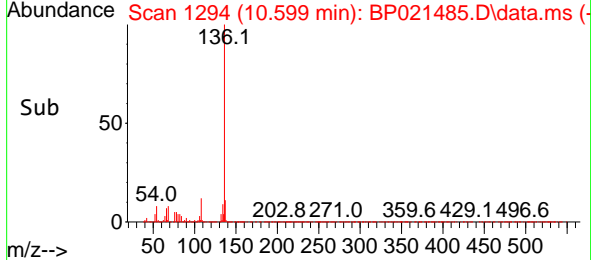


Tgt Ion: 136 Resp: 1379120

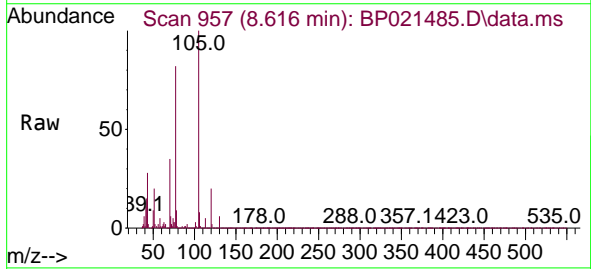
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.9	6.3	9.5
68	8.5	6.8	10.2

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

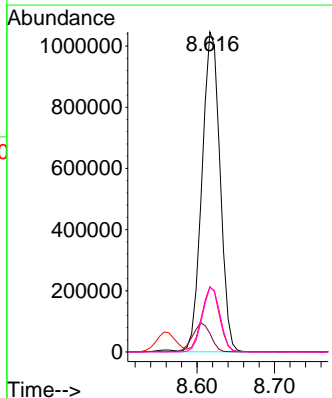
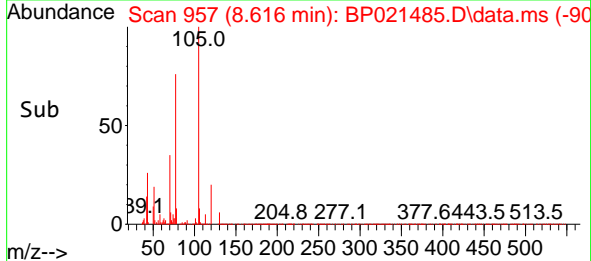


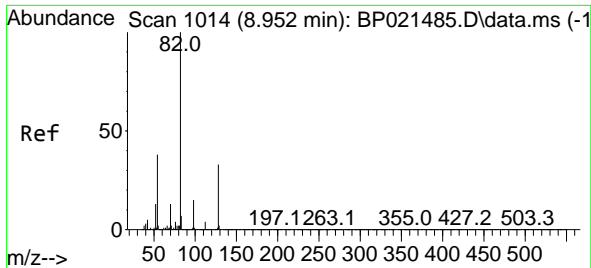
#22
 Acetophenone
 Concen: 39.846 ng
 RT: 8.616 min Scan# 957
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion: 105 Resp: 1688225

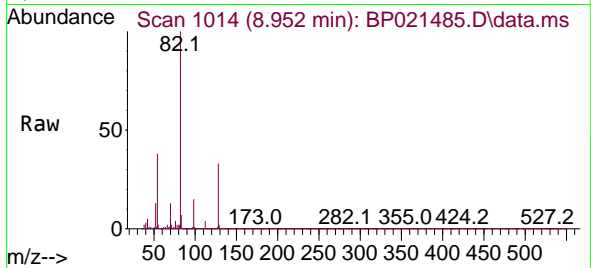
Ion	Ratio	Lower	Upper
105	100		
71	5.8	4.6	7.0
51	20.4	16.3	24.5
120	20.2	16.2	24.2





#23
 Nitrobenzene-d5
 Concen: 84.675 ng
 RT: 8.952 min Scan# 1014
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

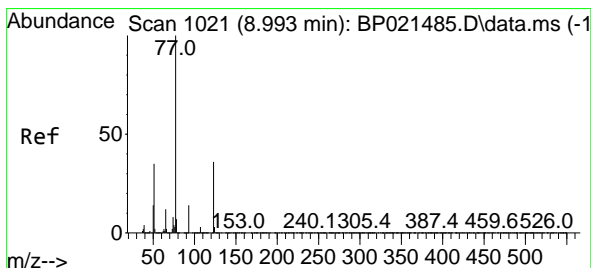
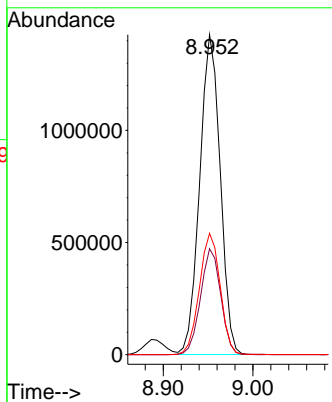
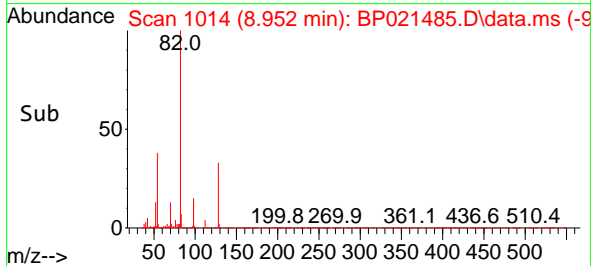
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC040



Tgt Ion: 82 Resp: 2262470
 Ion Ratio Lower Upper
 82 100
 128 33.1 26.5 39.7
 54 37.9 30.3 45.5

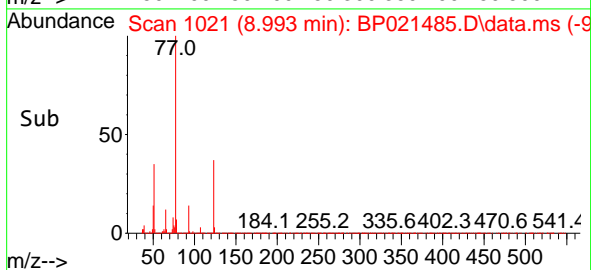
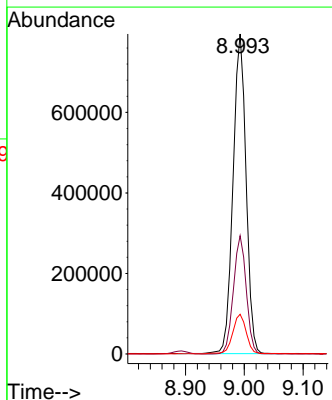
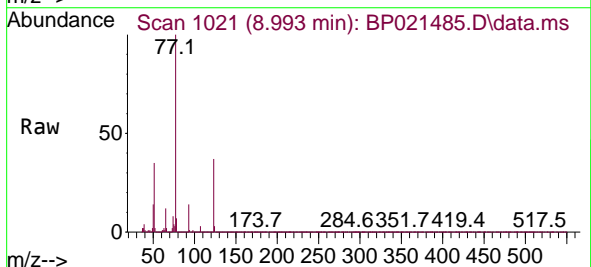
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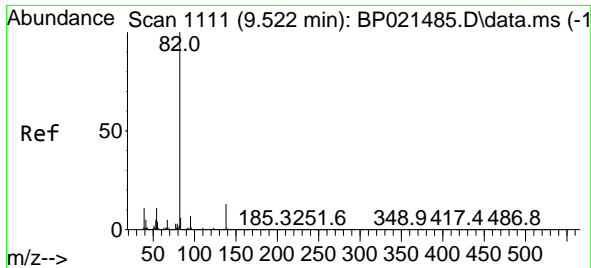
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#24
 Nitrobenzene
 Concen: 42.085 ng
 RT: 8.993 min Scan# 1021
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

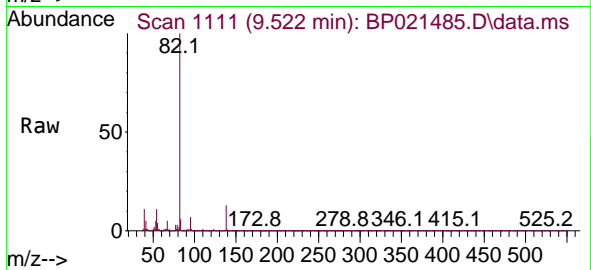
Tgt Ion: 77 Resp: 1221296
 Ion Ratio Lower Upper
 77 100
 123 36.9 29.5 44.3
 65 12.4 9.9 14.9





#25
 Isophorone
 Concen: 39.915 ng
 RT: 9.522 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

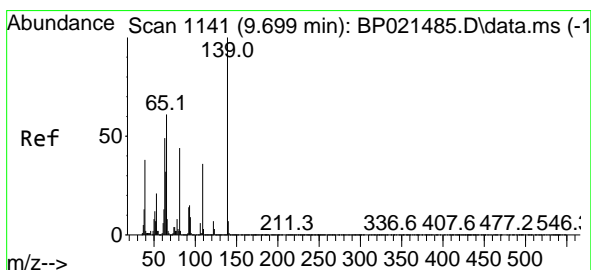
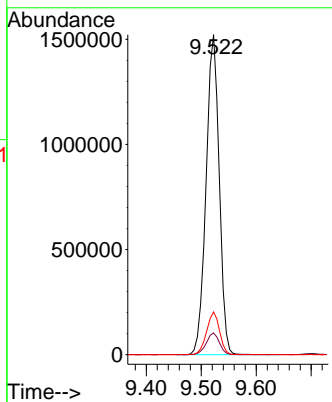
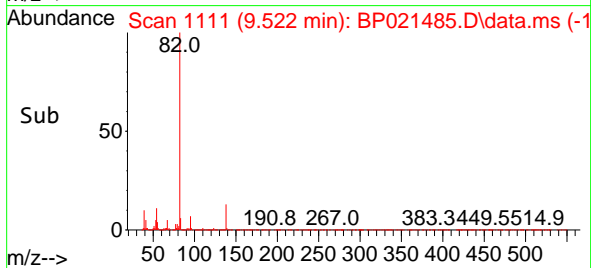
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC040



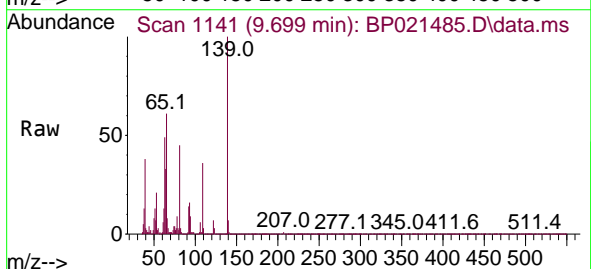
Tgt Ion: 82 Resp: 251953
 Ion Ratio Lower Upper
 82 100
 95 6.8 5.4 8.2
 138 13.3 10.6 16.0

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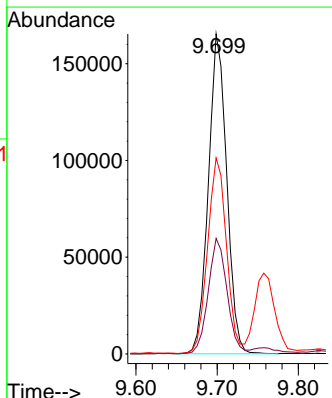
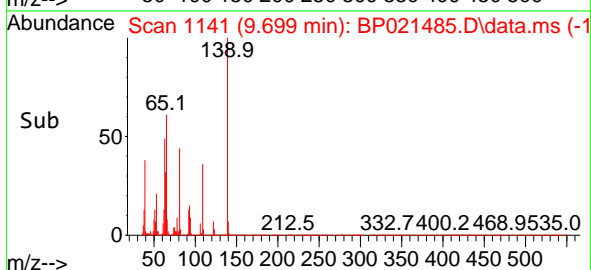
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

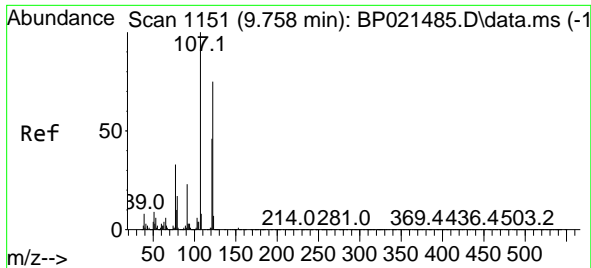


#26
 2-Nitrophenol
 Concen: 39.575 ng
 RT: 9.699 min Scan# 1141
 Delta R.T. -0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



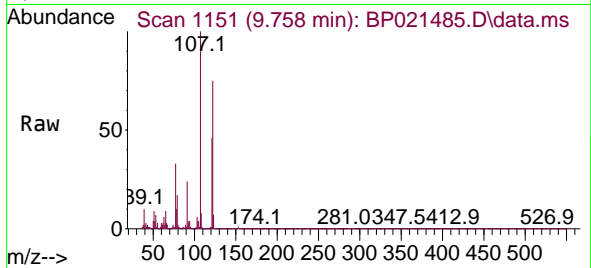
Tgt Ion:139 Resp: 259209
 Ion Ratio Lower Upper
 139 100
 109 36.1 28.9 43.3
 65 61.3 49.0 73.6





#27
 2,4-Dimethylphenol
 Concen: 39.900 ng
 RT: 9.758 min Scan# 1151
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

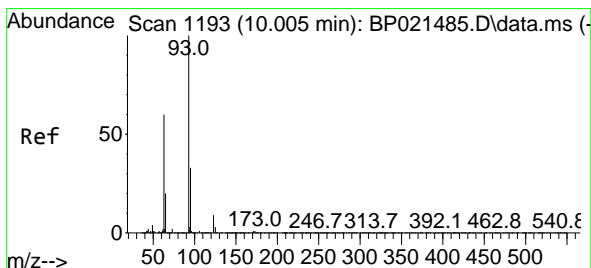
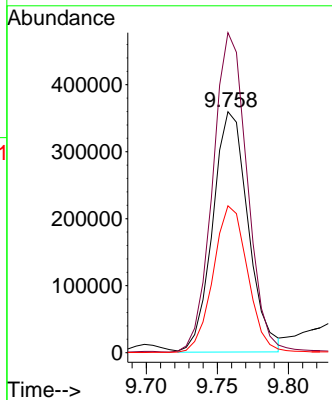
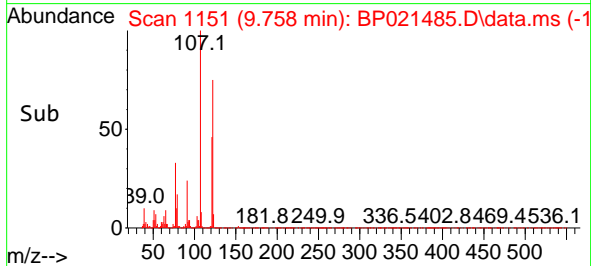
Instrument : BNA_P
 Client Sample Id : SSTDICCC040



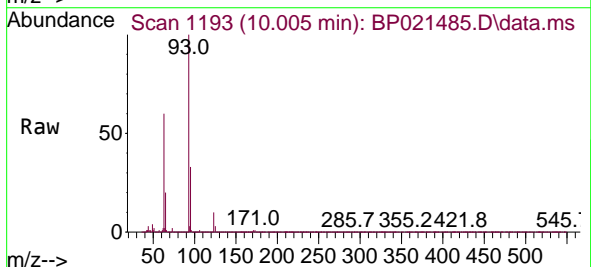
Tgt Ion: 122 Resp: 621553
 Ion Ratio Lower Upper
 122 100
 107 132.8 106.2 159.4
 121 61.0 48.8 73.2

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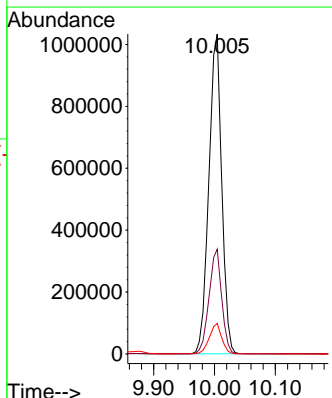
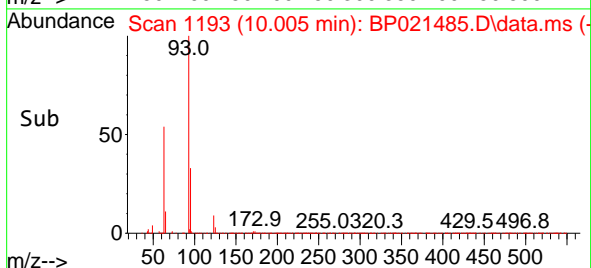
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

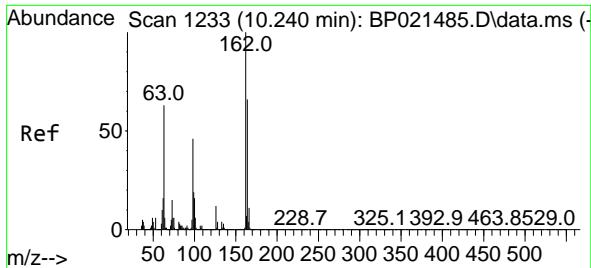


#28
 bis(2-Chloroethoxy)methane
 Concen: 39.336 ng
 RT: 10.005 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



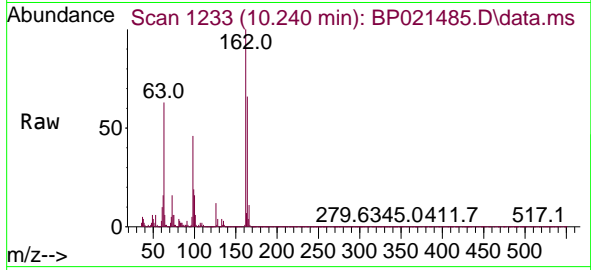
Tgt Ion: 93 Resp: 1515653
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.2 39.4
 123 9.5 7.6 11.4





#29
 2,4-Dichlorophenol
 Concen: 40.849 ng
 RT: 10.240 min Scan# 1233
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument : BNA_P
 Client Sample Id : SSTDICCC040

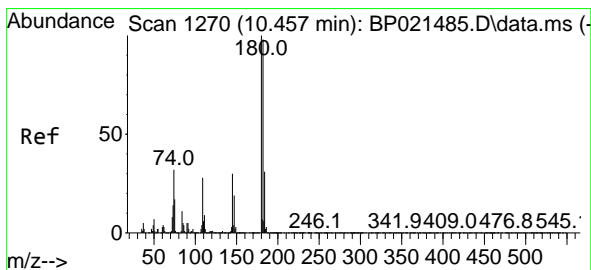
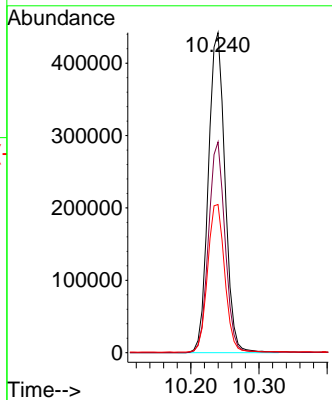
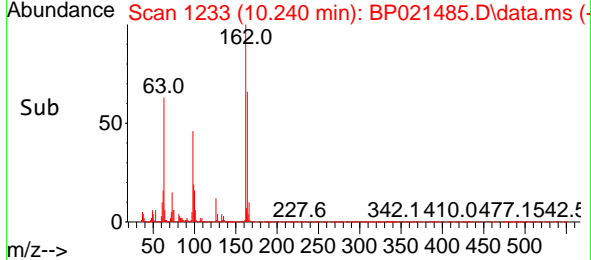


Tgt Ion: 162 Resp: 751870

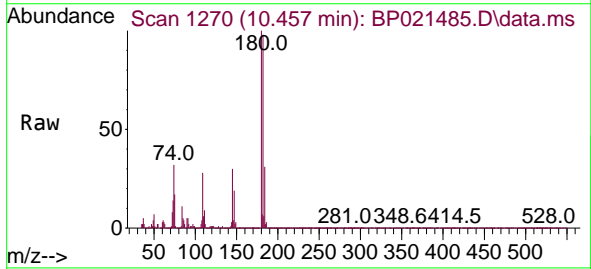
Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.9	85.9
98	46.3	26.3	66.3

Manual Integrations
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Reviewed By : Yogesh Patel 08/14/2024
 Supervised By : mohammad ahmed 08/14/2024

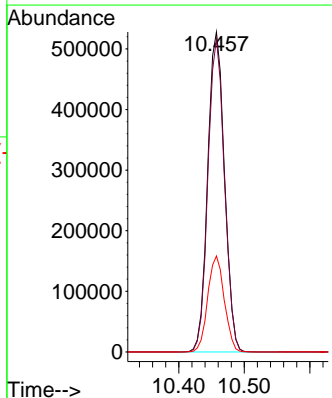
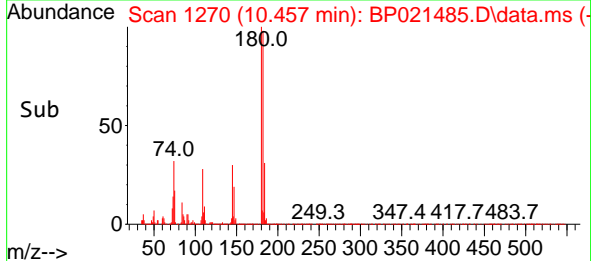


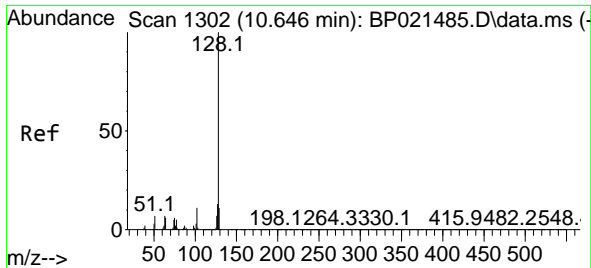
#30
 1,2,4-Trichlorobenzene
 Concen: 39.757 ng
 RT: 10.457 min Scan# 1270
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion: 180 Resp: 938177

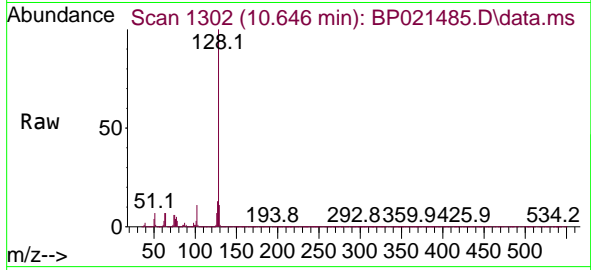
Ion	Ratio	Lower	Upper
180	100		
182	97.9	78.3	117.5
145	30.0	24.0	36.0





#31
 Naphthalene
 Concen: 39.845 ng
 RT: 10.646 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument : BNA_P
 Client Sample Id : SSTDICCC040

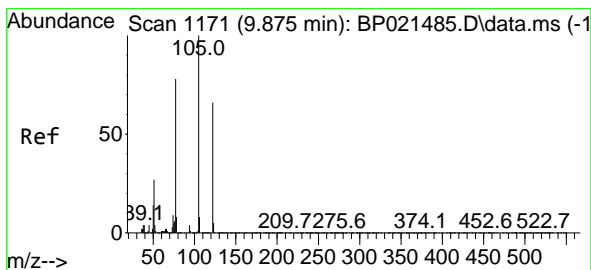
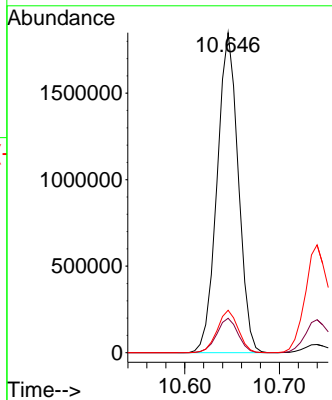
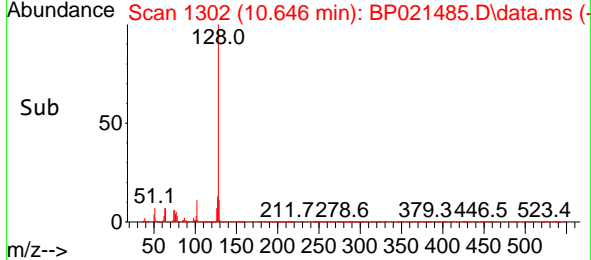


Tgt Ion: 128 Resp: 287066

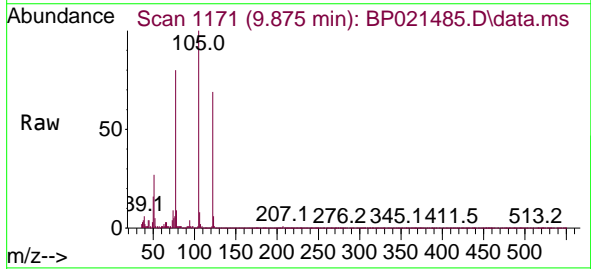
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.2	10.6	15.8

Manual Integrations
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Reviewed By : Yogesh Patel 08/14/2024
 Supervised By : mohammad ahmed 08/14/2024

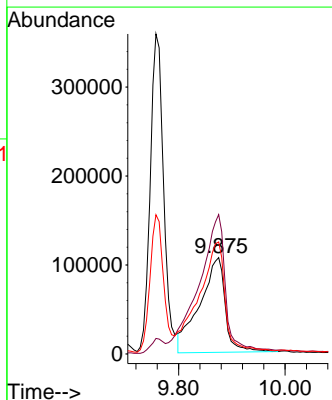
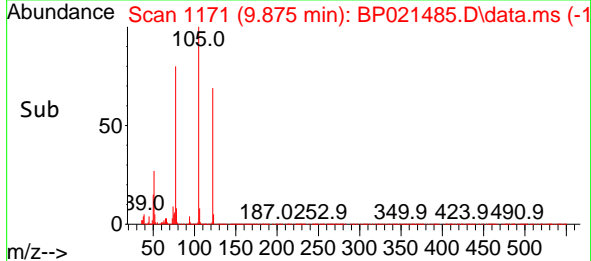


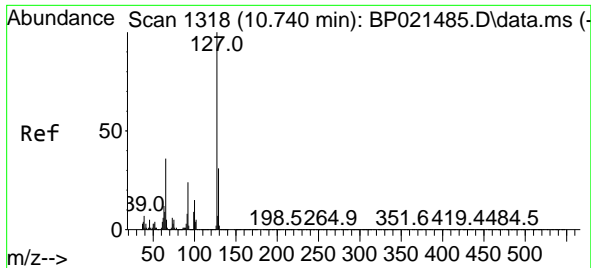
#32
 Benzoic acid
 Concen: 38.509 ng
 RT: 9.875 min Scan# 1171
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion: 122 Resp: 356582

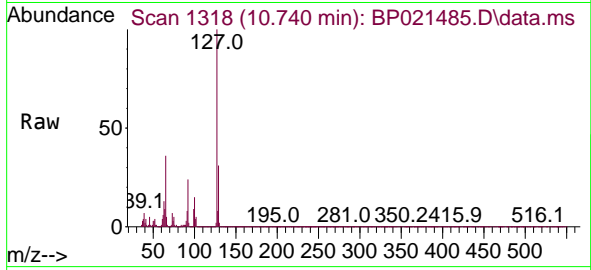
Ion	Ratio	Lower	Upper
122	100		
105	144.6	124.6	164.6
77	116.2	96.2	136.2





#33
 4-Chloroaniline
 Concen: 40.303 ng
 RT: 10.740 min Scan# 1318
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument : BNA_P
 Client Sample Id : SSTDICCC040

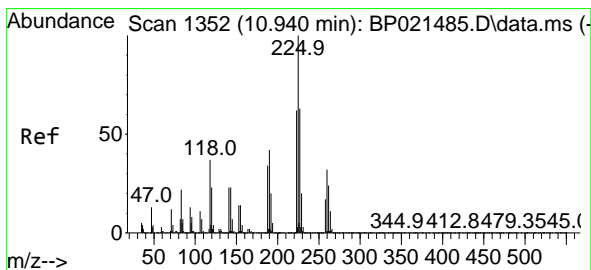
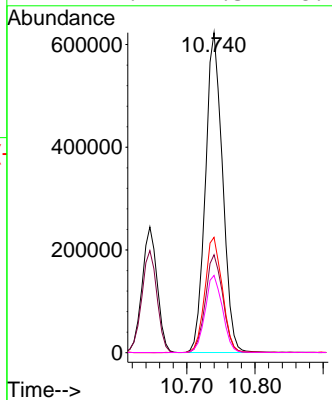
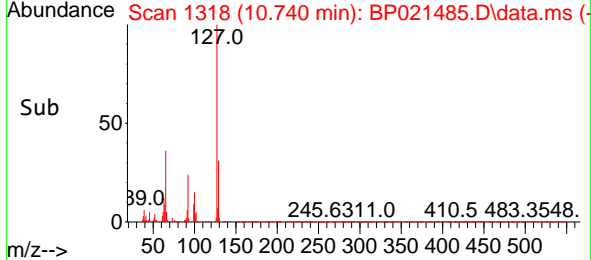


Tgt Ion: 127 Resp: 1090714

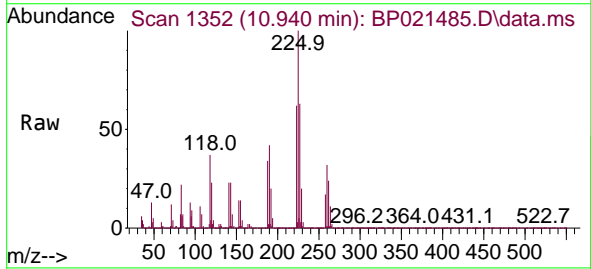
Ion	Ratio	Lower	Upper
127	100		
129	30.6	24.5	36.7
65	36.1	28.9	43.3
92	24.1	19.3	28.9

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

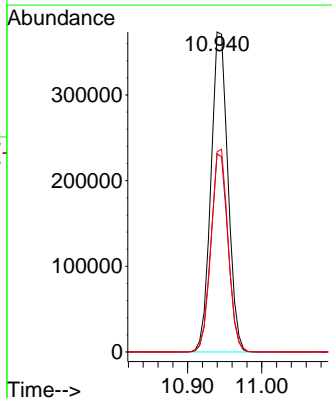
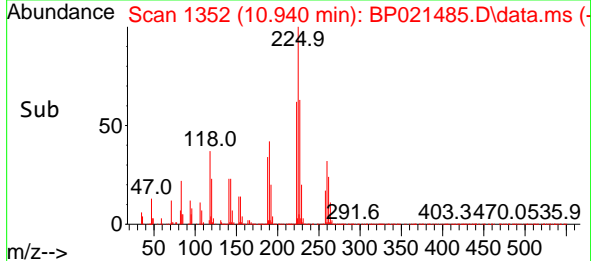


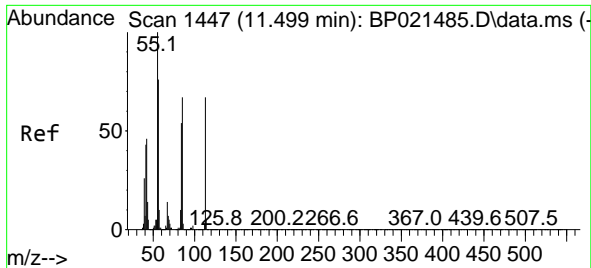
#34
 Hexachlorobutadiene
 Concen: 39.989 ng
 RT: 10.940 min Scan# 1352
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion: 225 Resp: 594148

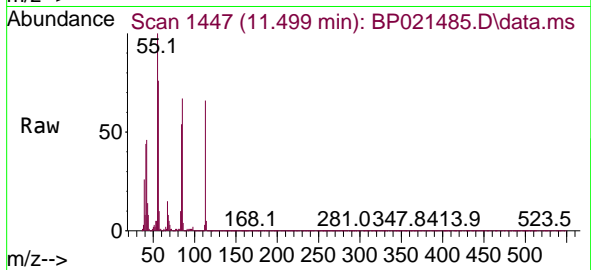
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.6	74.4
227	62.6	50.1	75.1





#35
 Caprolactam
 Concen: 41.005 ng
 RT: 11.499 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

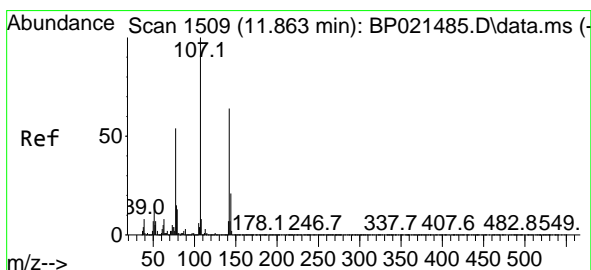
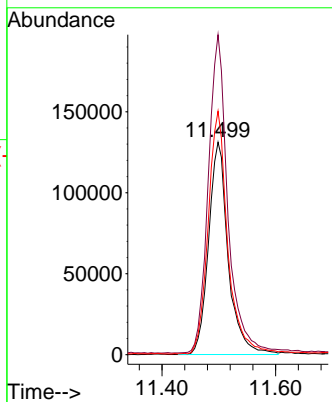
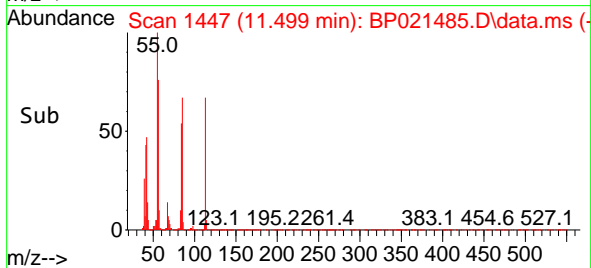
Instrument : BNA_P
 Client Sample Id : SSTDICCC040



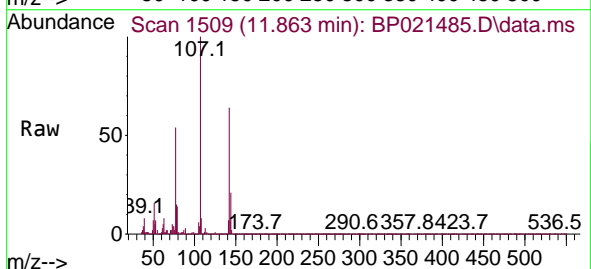
Tgt Ion:113 Resp: 314109
 Ion Ratio Lower Upper
 113 100
 55 150.6 130.6 170.6
 56 114.6 94.6 134.6

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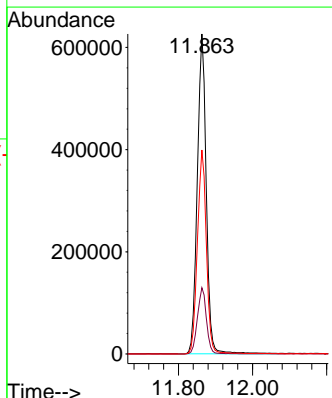
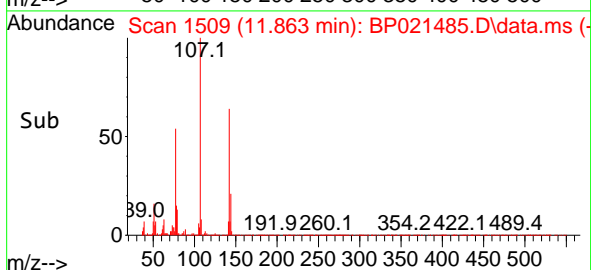
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

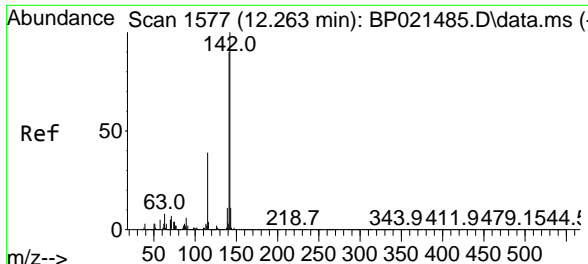


#36
 4-Chloro-3-methylphenol
 Concen: 41.323 ng
 RT: 11.863 min Scan# 1509
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



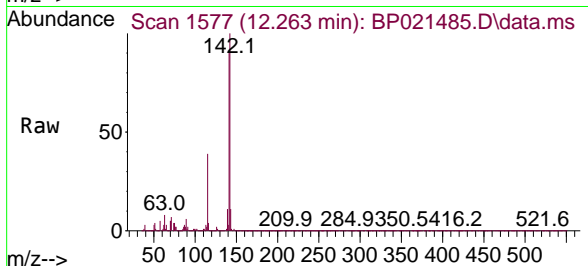
Tgt Ion:107 Resp: 1055054
 Ion Ratio Lower Upper
 107 100
 144 20.7 16.6 24.8
 142 63.7 51.0 76.4





#37
 2-Methylnaphthalene
 Concen: 39.550 ng
 RT: 12.263 min Scan# 1577
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

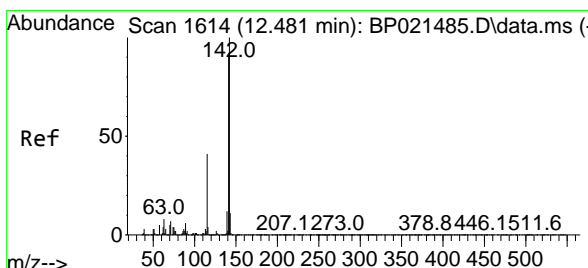
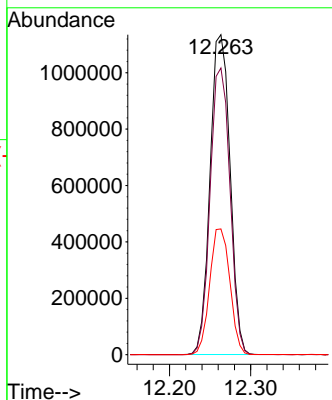
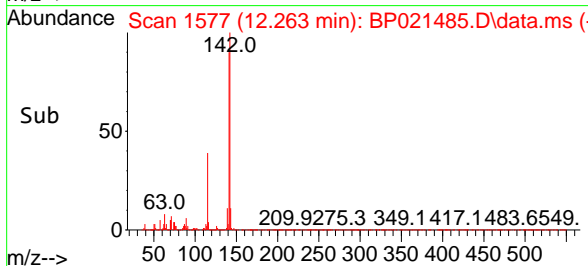
Instrument : BNA_P
 Client Sample Id : SSTDICC040



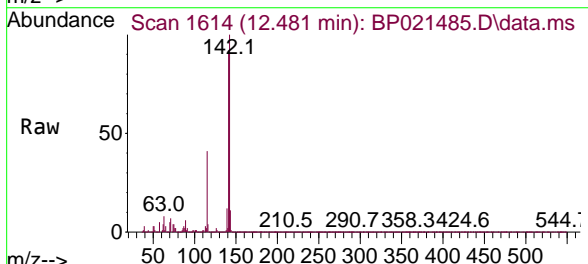
Tgt Ion:142 Resp: 1944719
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.7 107.5
 115 39.3 31.4 47.2

Manual Integrations
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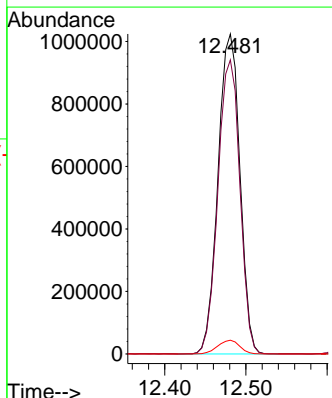
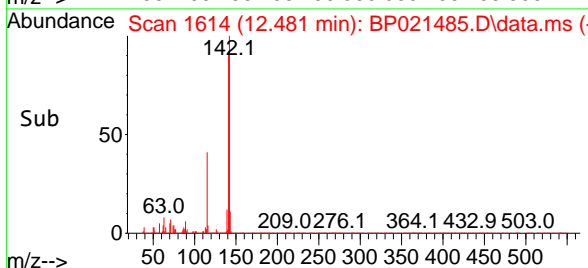
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

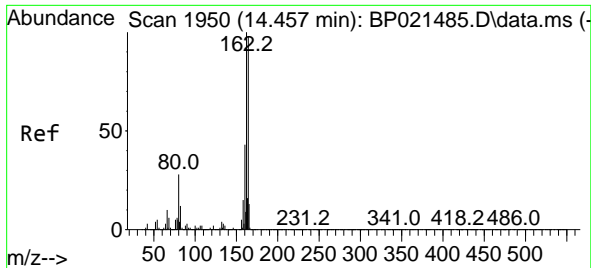


#38
 1-Methylnaphthalene
 Concen: 39.621 ng
 RT: 12.481 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion:142 Resp: 1921454
 Ion Ratio Lower Upper
 142 100
 141 91.9 73.5 110.3
 116 4.3 3.4 5.2





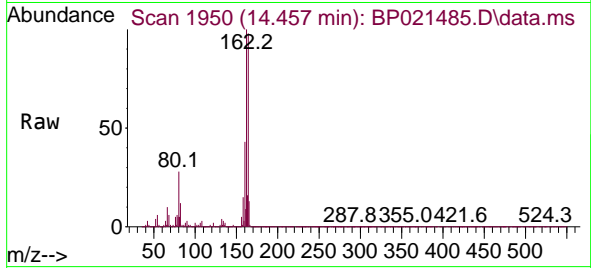
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.457 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument :

BNA_P

Client Sample Id :

SSTDICCC040



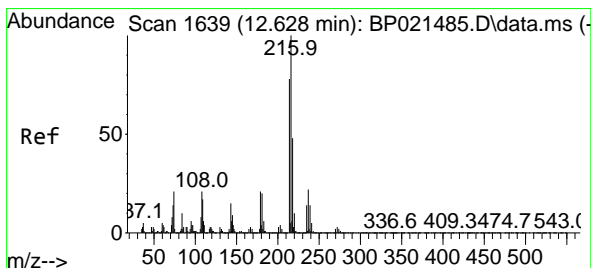
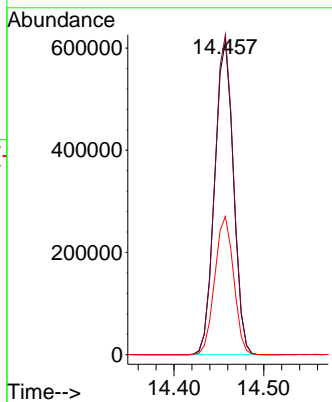
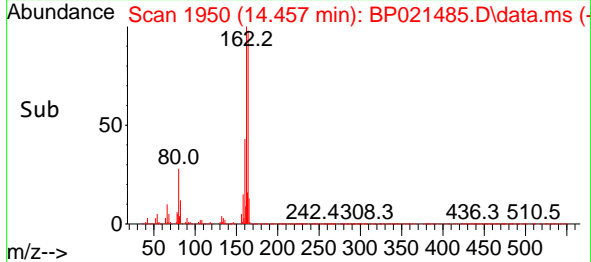
Tgt Ion:164 Resp: 890240
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.5 122.3
 160 44.0 35.2 52.8

Manual Integrations

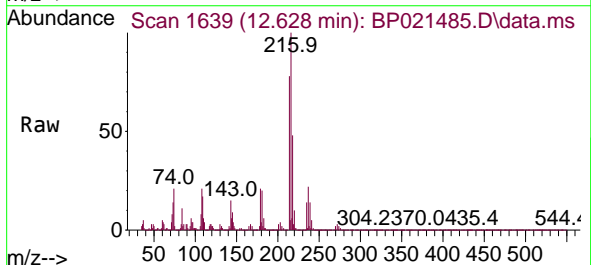
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

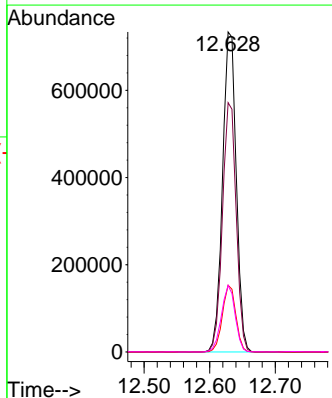
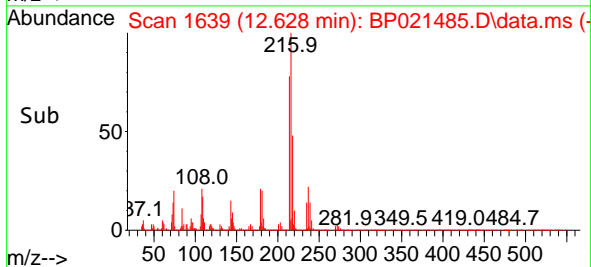
Supervised By :mohammad ahmed 08/14/2024

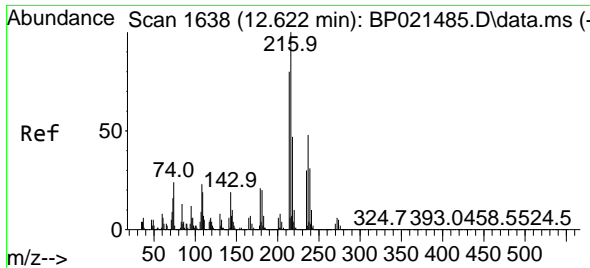


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.588 ng
 RT: 12.628 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



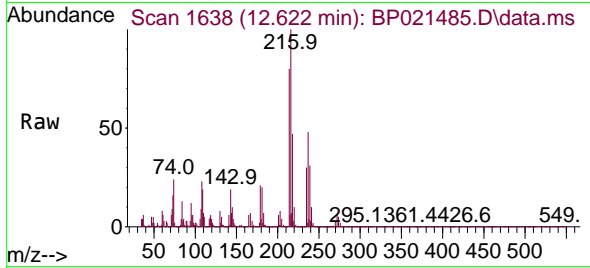
Tgt Ion:216 Resp: 1058707
 Ion Ratio Lower Upper
 216 100
 214 78.1 62.5 93.7
 179 20.5 16.4 24.6
 108 20.9 16.7 25.1





#41
 Hexachlorocyclopentadiene
 Concen: 41.293 ng
 RT: 12.622 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

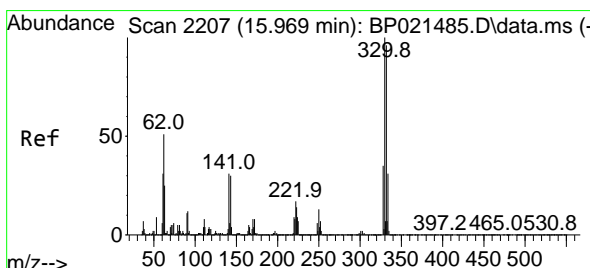
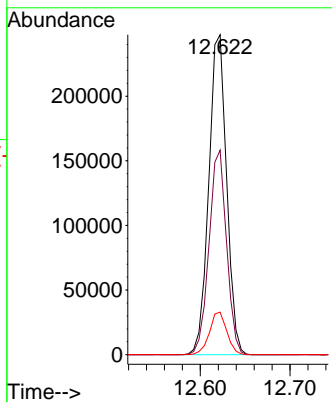
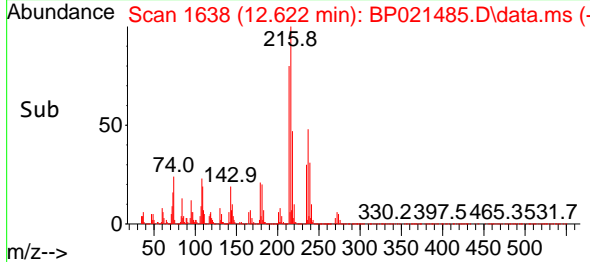
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040



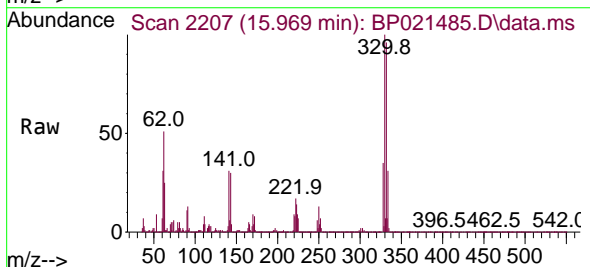
Tgt Ion:237 Resp: 341369
 Ion Ratio Lower Upper
 237 100
 235 63.9 43.9 83.9
 272 13.3 0.0 33.3

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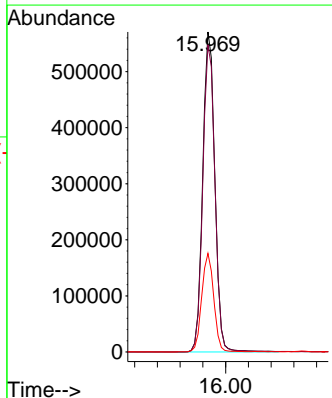
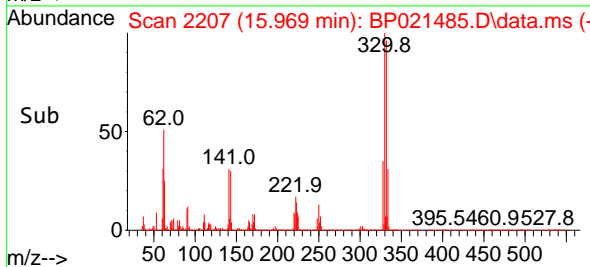
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

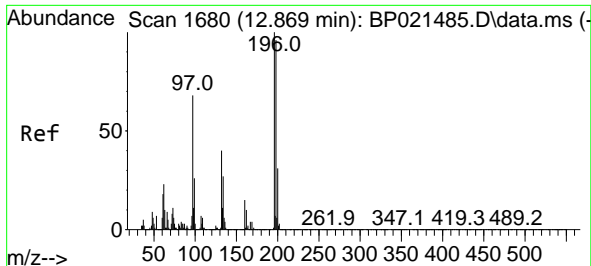


#42
 2,4,6-Tribromophenol
 Concen: 84.855 ng
 RT: 15.969 min Scan# 2207
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



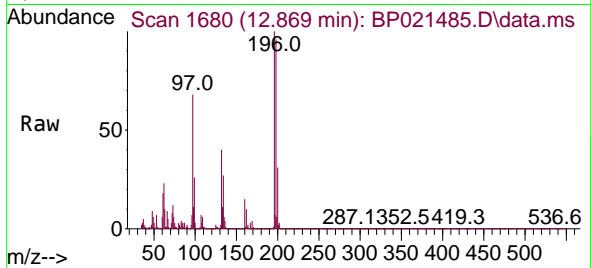
Tgt Ion:330 Resp: 840745
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.0
 141 30.6 24.5 36.7





#43
 2,4,6-Trichlorophenol
 Concen: 42.100 ng
 RT: 12.869 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC040

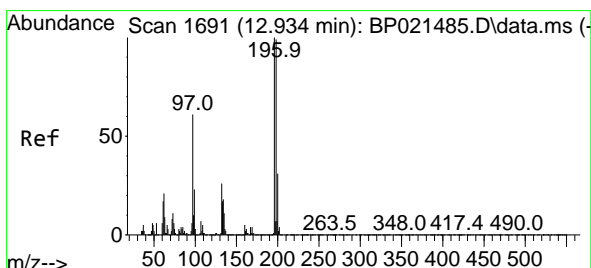
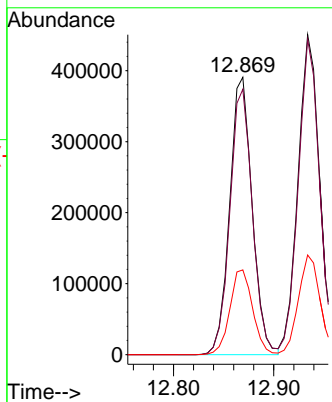
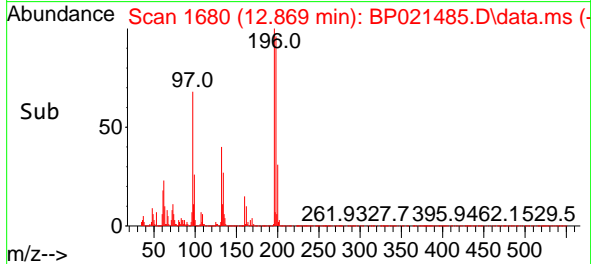


Tgt Ion:196 Resp: 61000

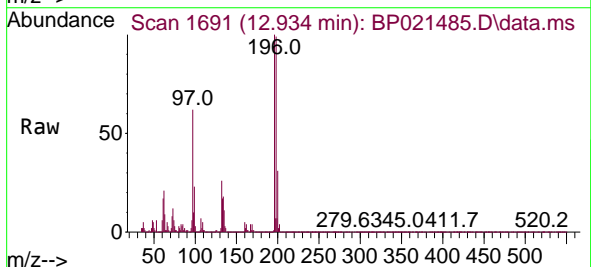
Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.6	114.8
200	30.6	24.5	36.7

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

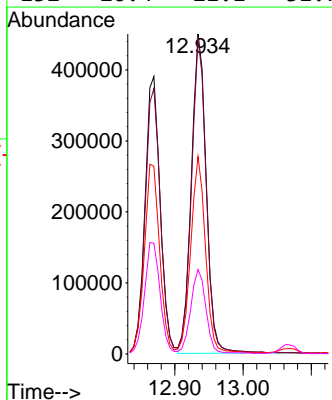
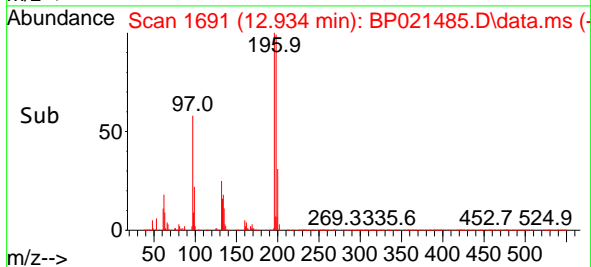


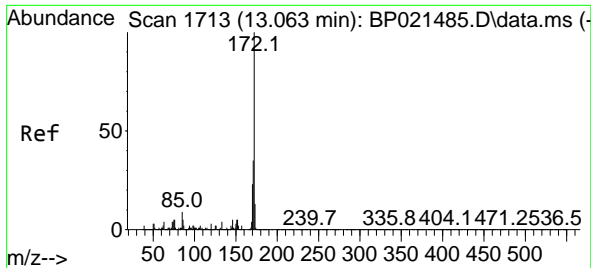
#44
 2,4,5-Trichlorophenol
 Concen: 42.300 ng
 RT: 12.934 min Scan# 1691
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion:196 Resp: 680956

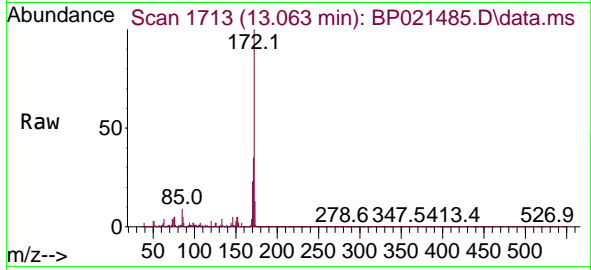
Ion	Ratio	Lower	Upper
196	100		
198	98.6	78.9	118.3
97	61.7	49.4	74.0
132	26.4	21.1	31.7





#45
 2-Fluorobiphenyl
 Concen: 81.001 ng
 RT: 13.063 min Scan# 1713
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument : BNA_P
 Client Sample Id : SSTDICCC040

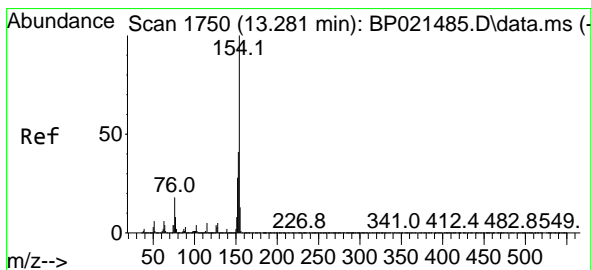
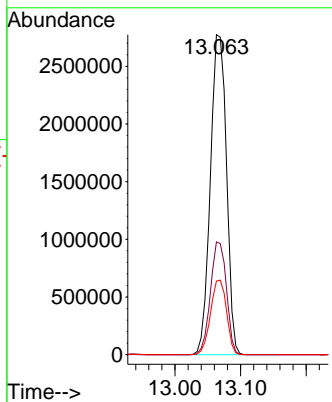
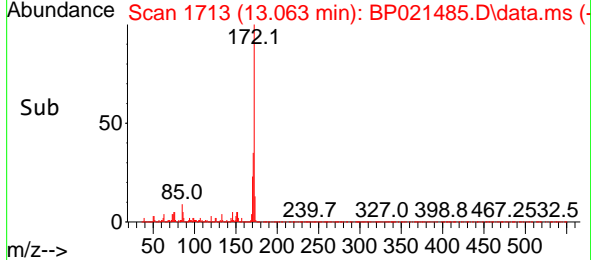


Tgt Ion: 172 Resp: 472498

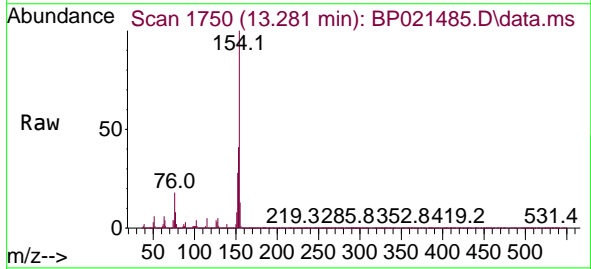
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.0	18.4	27.6

Manual Integrations
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Reviewed By : Yogesh Patel 08/14/2024
 Supervised By : mohammad ahmed 08/14/2024

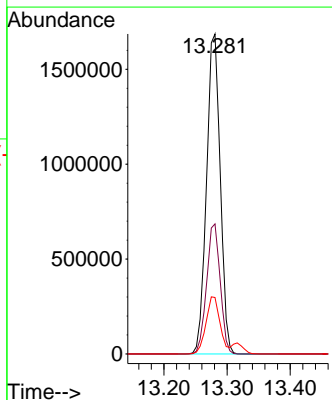
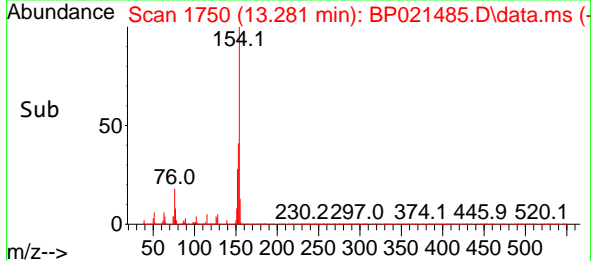


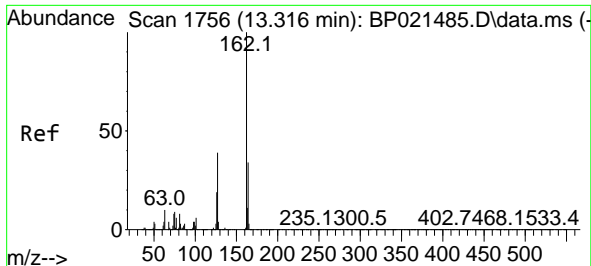
#46
 1,1'-Biphenyl
 Concen: 40.370 ng
 RT: 13.281 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion: 154 Resp: 2542708

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.7	60.7
76	17.7	0.0	37.7





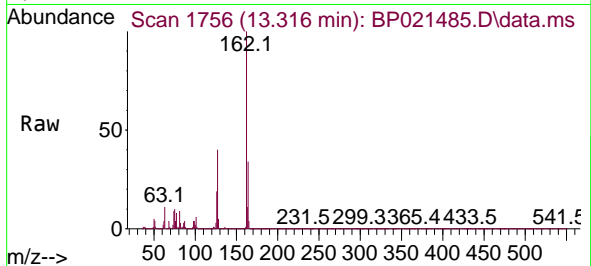
#47
 2-Chloronaphthalene
 Concen: 40.538 ng
 RT: 13.316 min Scan# 1756
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040



Tgt Ion:162 Resp: 1987834

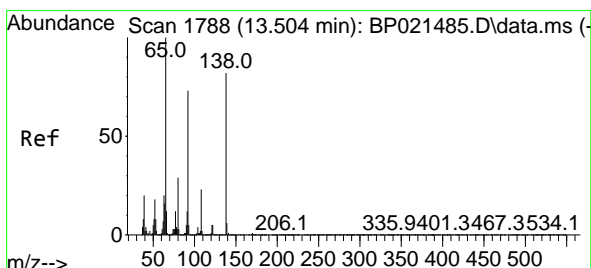
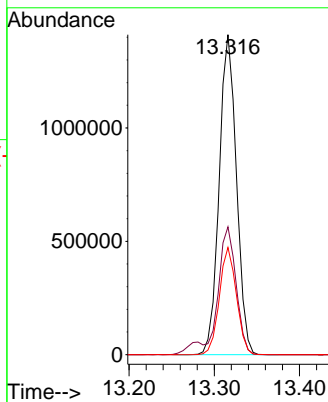
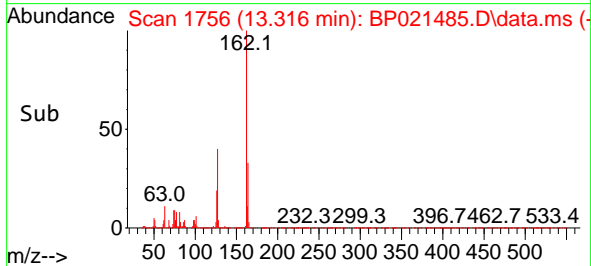
Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.9	47.9
164	33.5	26.8	40.2

Manual Integrations

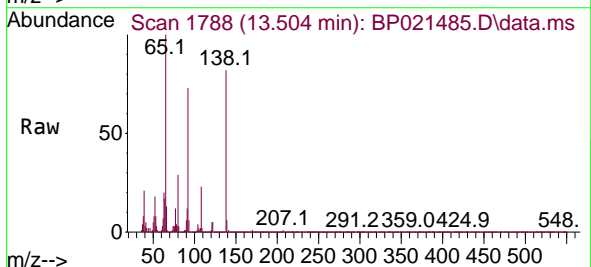
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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024

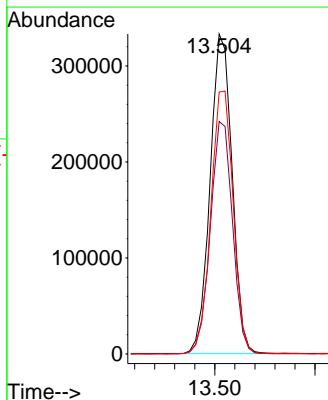
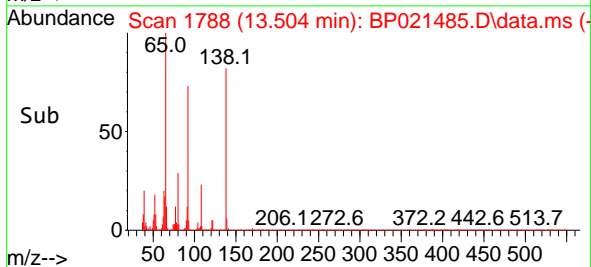


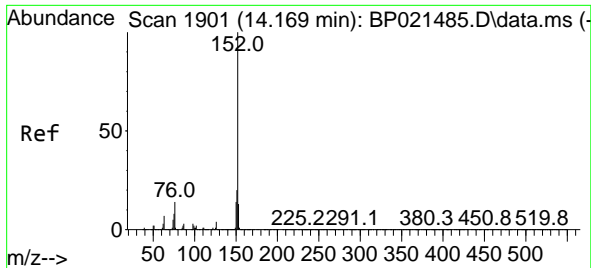
#48
 2-Nitroaniline
 Concen: 38.074 ng
 RT: 13.504 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion: 65 Resp: 506883

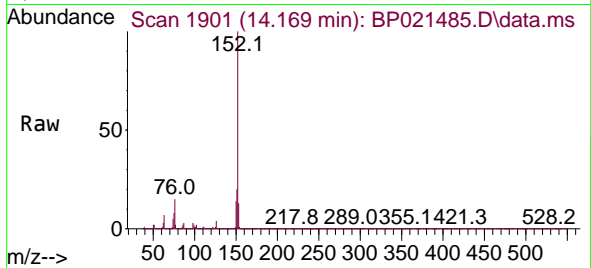
Ion	Ratio	Lower	Upper
65	100		
92	72.6	58.1	87.1
138	81.9	65.5	98.3





#49
 Acenaphthylene
 Concen: 40.630 ng
 RT: 14.169 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

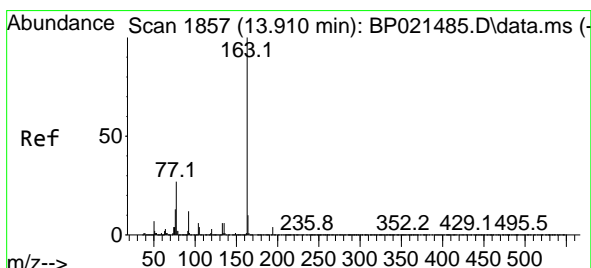
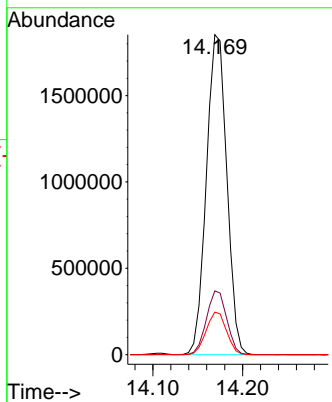
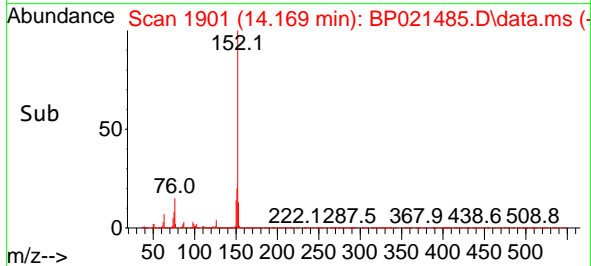
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICCC040



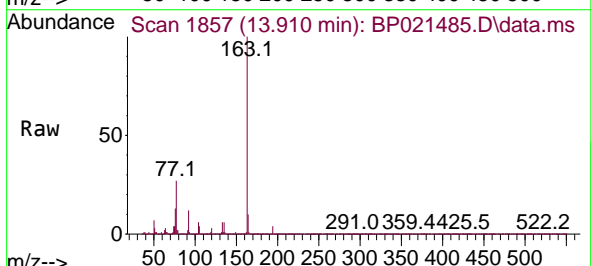
Tgt Ion: 152 Resp: 2928814
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.9 23.9
 153 13.3 10.6 16.0

Manual Integrations
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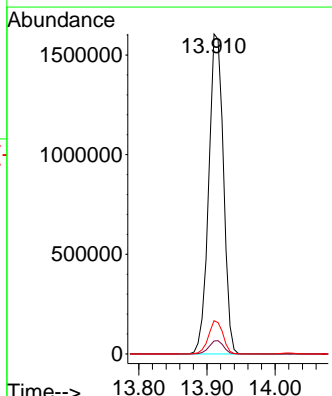
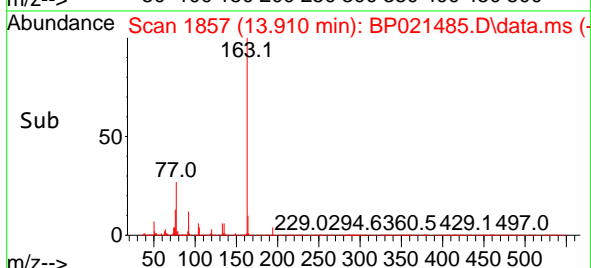
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

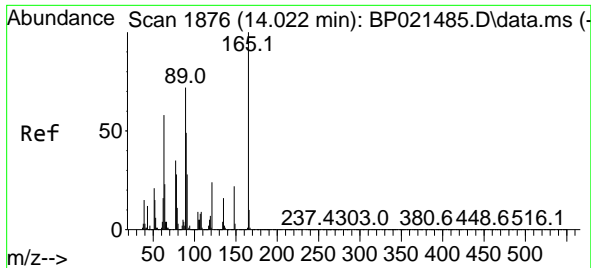


#50
 Dimethylphthalate
 Concen: 40.392 ng
 RT: 13.910 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion: 163 Resp: 2408078
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.3 4.9
 164 10.4 8.3 12.5





#51
 2,6-Dinitrotoluene
 Concen: 38.650 ng
 RT: 14.022 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

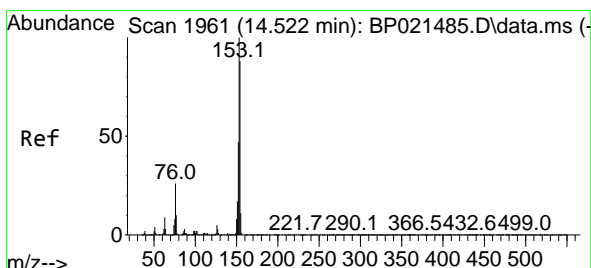
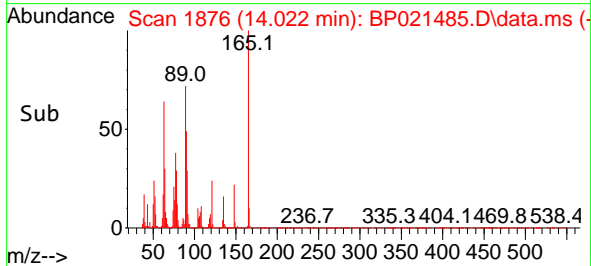
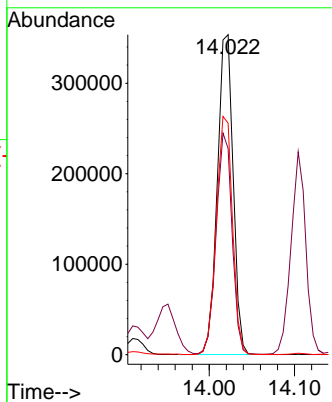
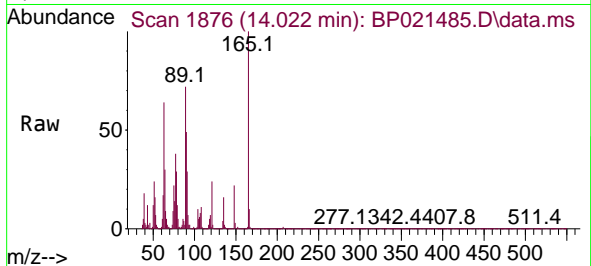
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC040

Tgt Ion:165 Resp: 45468

Ion	Ratio	Lower	Upper
165	100		
63	64.4	51.5	77.3
89	72.3	57.8	86.8

Manual Integrations
 APPROVED

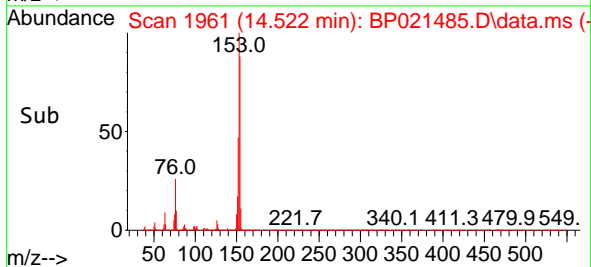
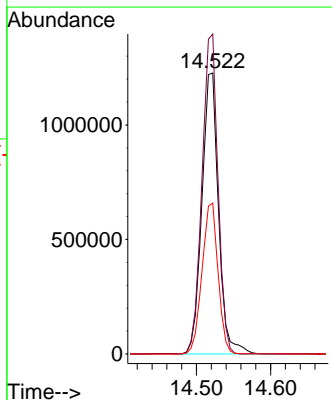
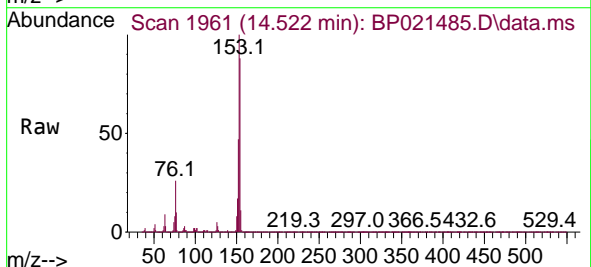
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

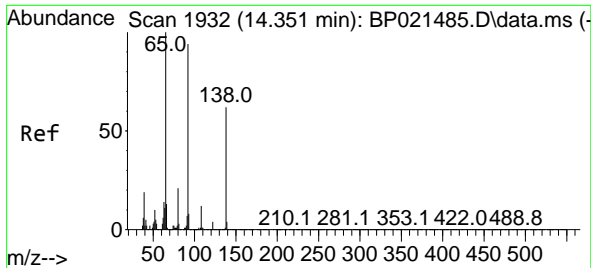


#52
 Acenaphthene
 Concen: 40.406 ng
 RT: 14.522 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Tgt Ion:154 Resp: 1911119

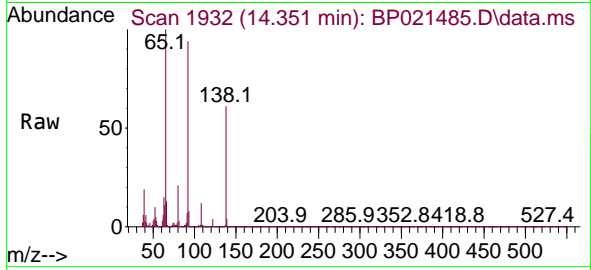
Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.1	136.7
152	53.7	43.0	64.4





#53
 3-Nitroaniline
 Concen: 39.107 ng
 RT: 14.351 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

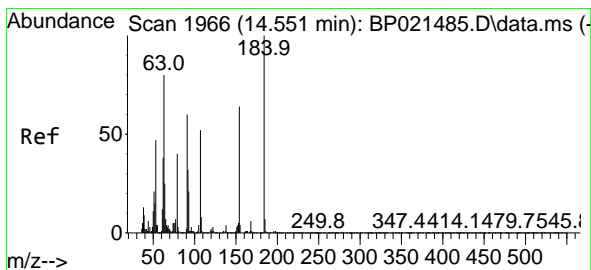
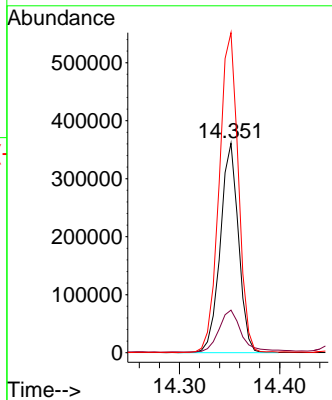
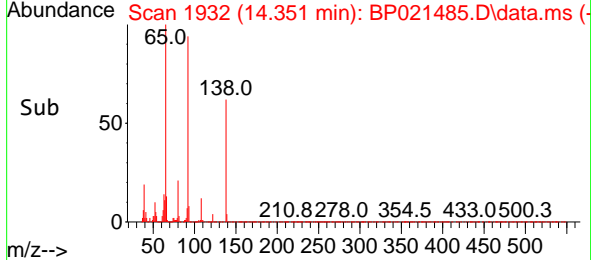
Instrument : BNA_P
 Client Sample Id : SSTDICCC040



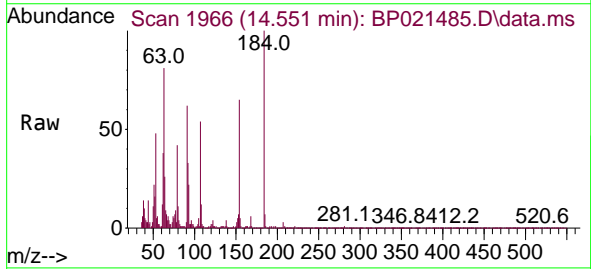
Tgt Ion: 138 Resp: 45293
 Ion Ratio Lower Upper
 138 100
 108 20.3 16.2 24.4
 92 152.8 122.2 183.4

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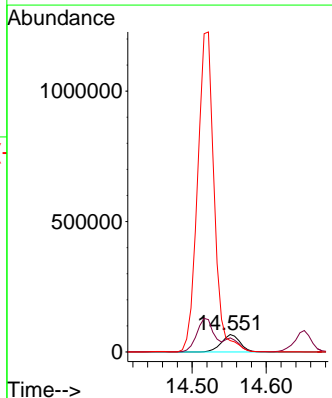
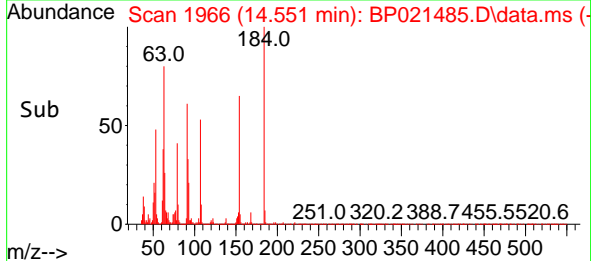
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

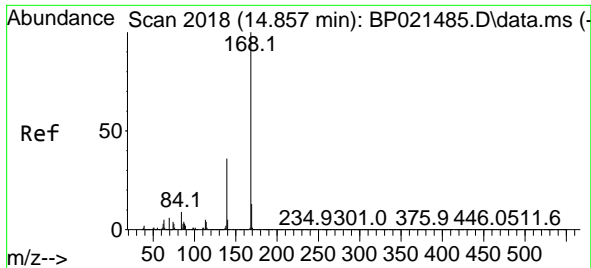


#54
 2,4-Dinitrophenol
 Concen: 38.943 ng
 RT: 14.551 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



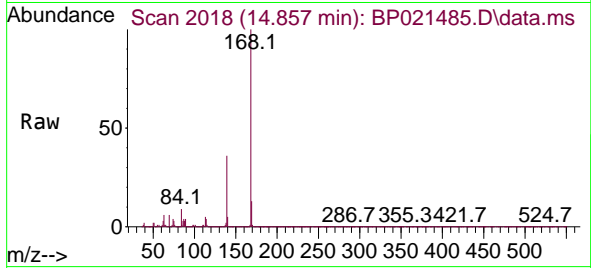
Tgt Ion: 184 Resp: 116797
 Ion Ratio Lower Upper
 184 100
 63 81.1 64.9 97.3
 154 65.1 52.1 78.1





#55
 Dibenzofuran
 Concen: 40.359 ng
 RT: 14.857 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

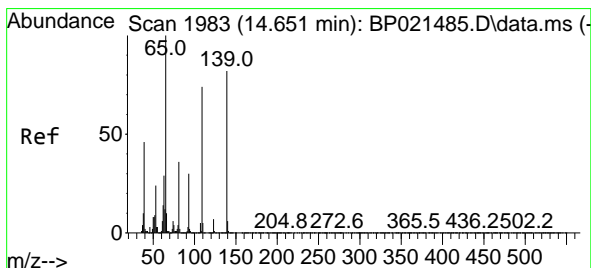
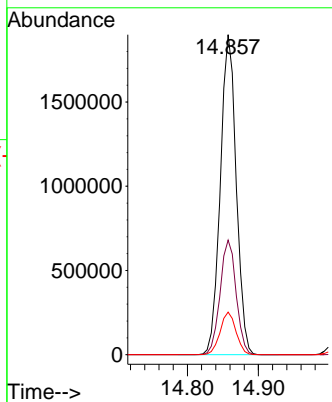
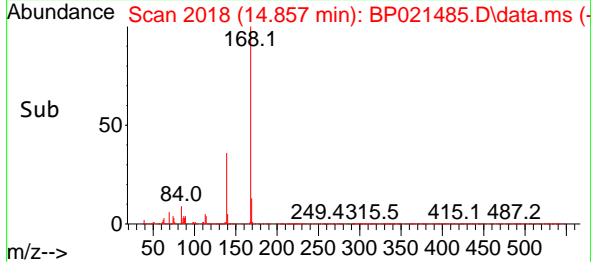
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC040



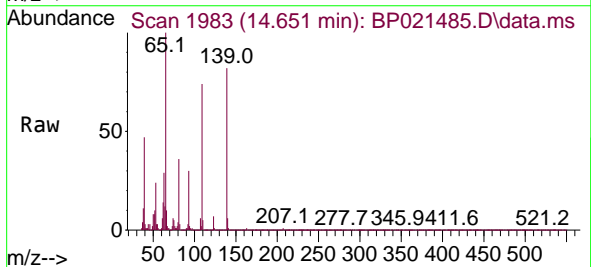
Tgt Ion:168 Resp: 293651
 Ion Ratio Lower Upper
 168 100
 139 35.8 28.6 43.0
 169 13.3 10.6 16.0

Manual Integrations
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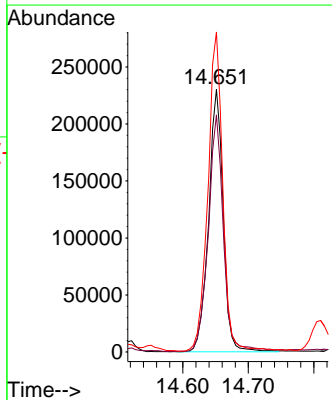
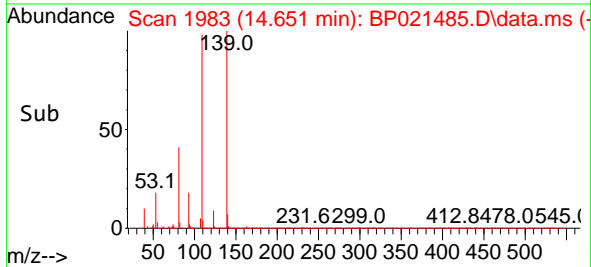
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

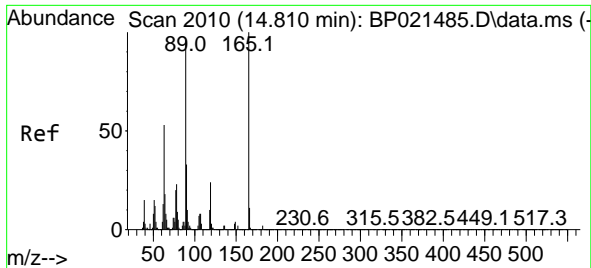


#56
 4-Nitrophenol
 Concen: 39.073 ng
 RT: 14.651 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



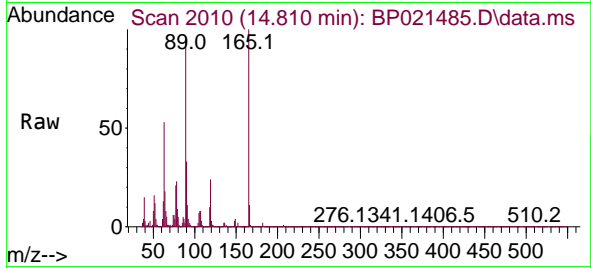
Tgt Ion:139 Resp: 358912
 Ion Ratio Lower Upper
 139 100
 109 90.2 70.2 110.2
 65 121.8 101.8 141.8





#57
 2,4-Dinitrotoluene
 Concen: 38.397 ng
 RT: 14.810 min Scan# 2010
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

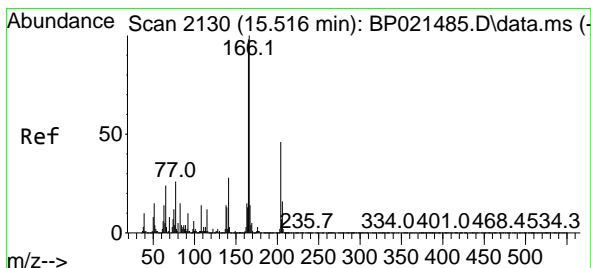
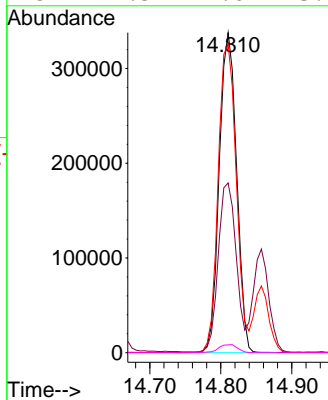
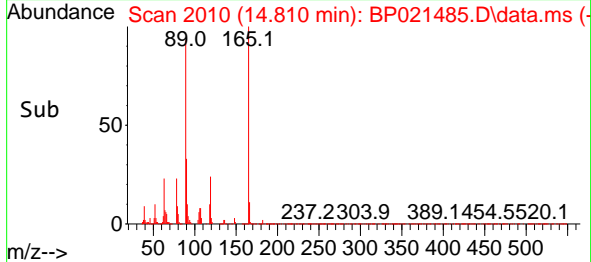
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC040



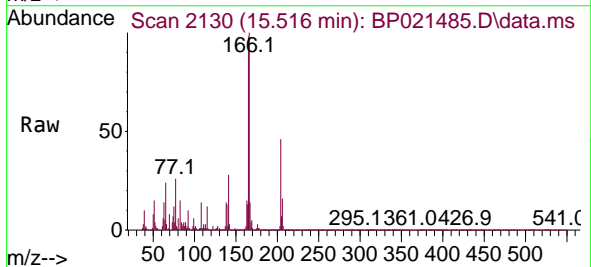
Tgt Ion: 165 Resp: 57022
 Ion Ratio Lower Upper
 165 100
 63 53.1 42.5 63.7
 89 96.4 77.1 115.7
 182 2.5 2.0 3.0

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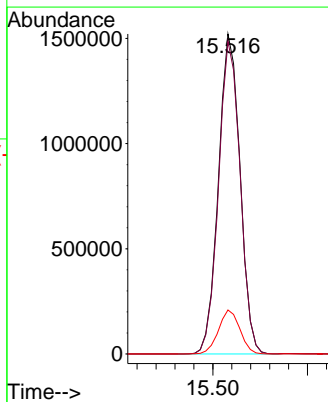
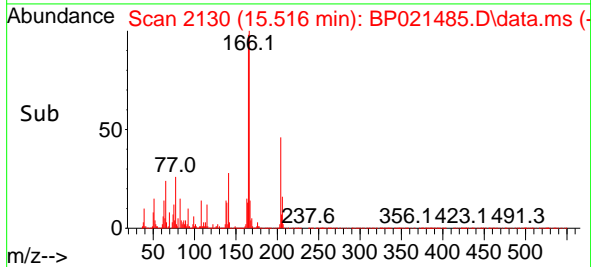
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

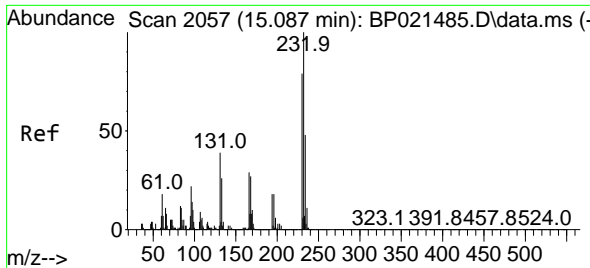


#58
 Fluorene
 Concen: 40.326 ng
 RT: 15.516 min Scan# 2130
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



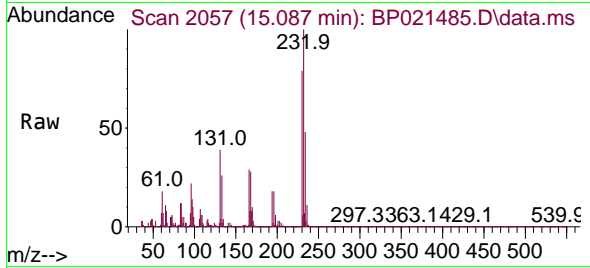
Tgt Ion: 166 Resp: 2410461
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.1 117.1
 167 13.7 11.0 16.4





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.766 ng
 RT: 15.087 min Scan# 2057
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC040

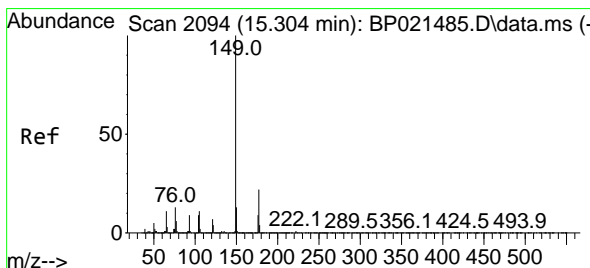
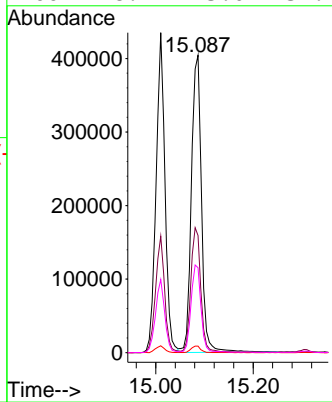
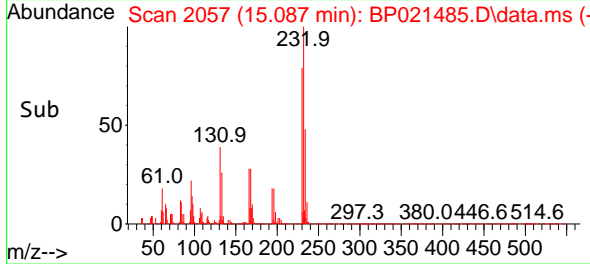


Tgt Ion:232 Resp: 58435

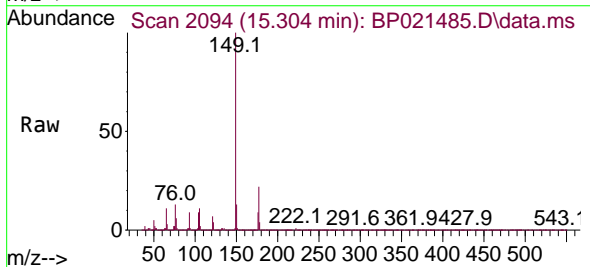
Ion	Ratio	Lower	Upper
232	100		
131	41.4	33.1	49.7
130	2.1	1.7	2.5
166	28.7	23.0	34.4

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

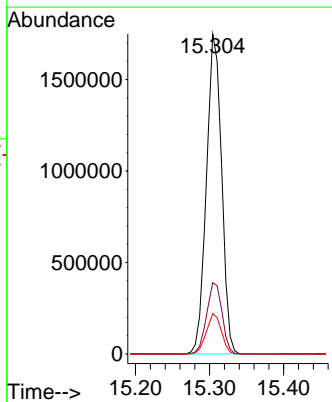
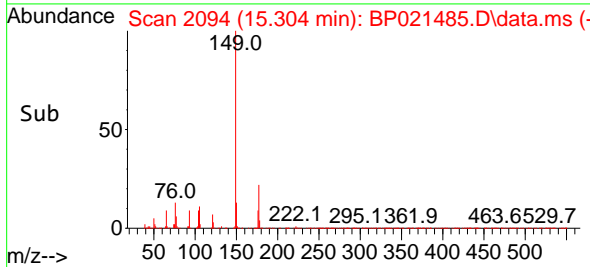


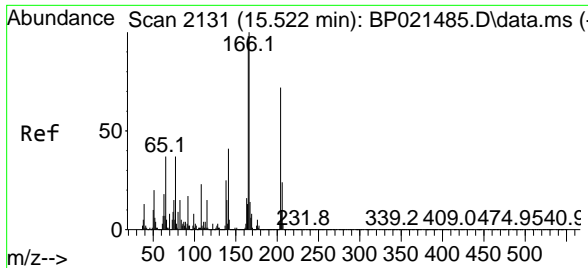
#60
 Diethylphthalate
 Concen: 40.656 ng
 RT: 15.304 min Scan# 2094
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion:149 Resp: 2486968

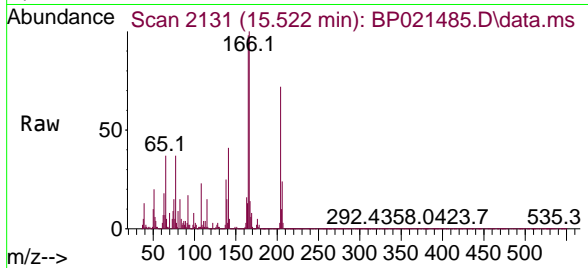
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.8
150	12.6	10.1	15.1





#61
 4-Chlorophenyl-phenylether
 Concen: 40.022 ng
 RT: 15.522 min Scan# 2131
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

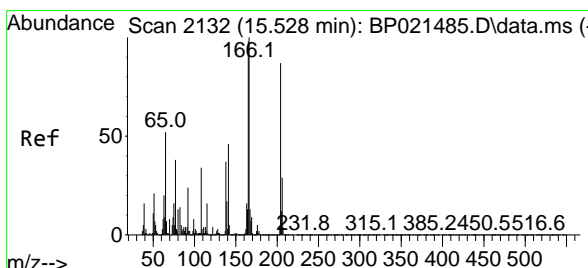
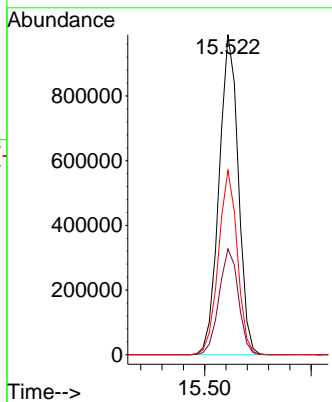
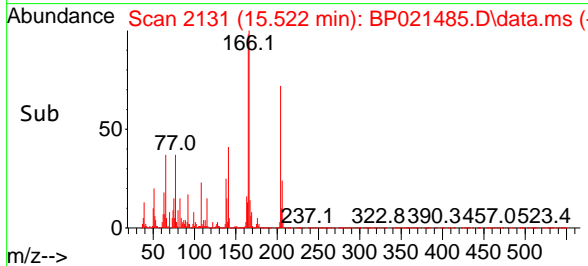
Instrument : BNA_P
 Client Sample Id : SSTDICCC040



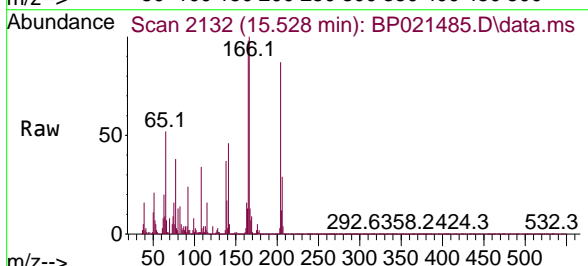
Tgt Ion: 204 Resp: 1236572
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.4 39.6
 141 57.6 46.1 69.1

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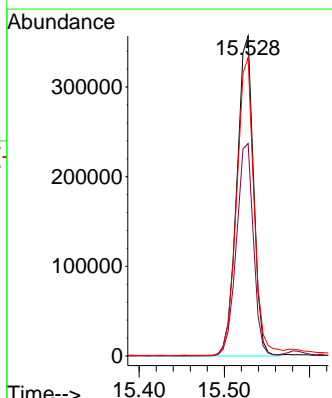
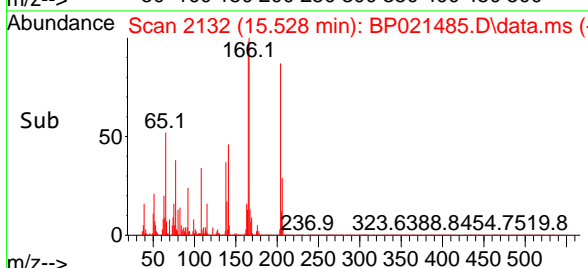
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

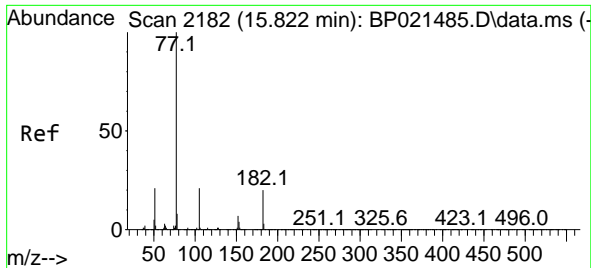


#62
 4-Nitroaniline
 Concen: 40.451 ng
 RT: 15.528 min Scan# 2132
 Delta R.T. -0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



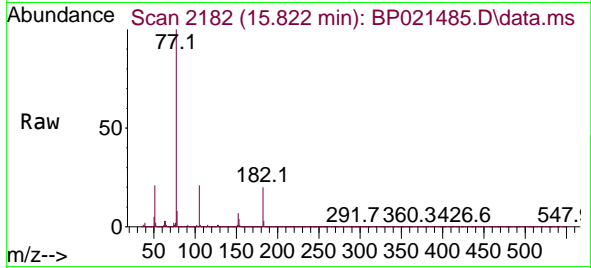
Tgt Ion: 138 Resp: 485672
 Ion Ratio Lower Upper
 138 100
 92 66.4 46.4 86.4
 108 93.2 73.2 113.2





#63
 Azobenzene
 Concen: 40.594 ng
 RT: 15.822 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC040

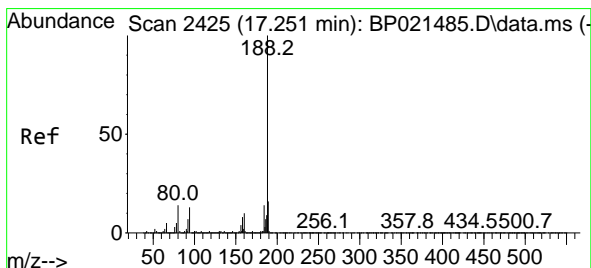
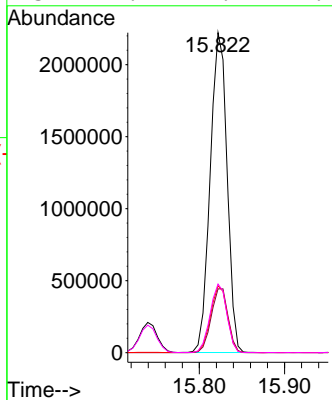
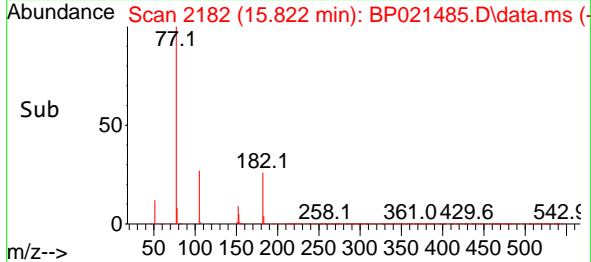


Tgt Ion: 77 Resp: 305244

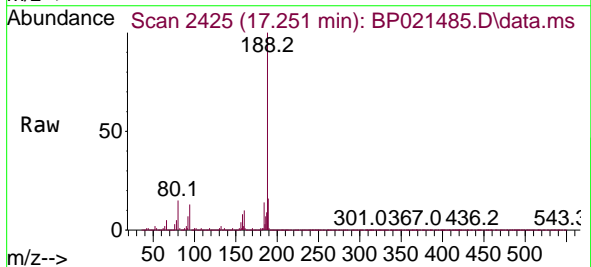
Ion	Ratio	Lower	Upper
77	100		
182	19.9	0.0	39.9
105	20.9	0.9	40.9
51	21.4	1.4	41.4

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

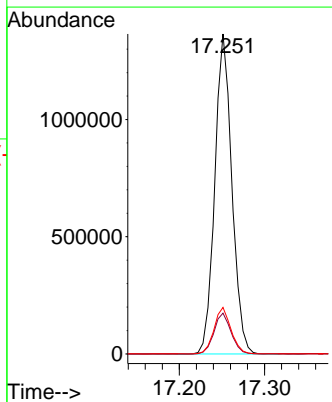
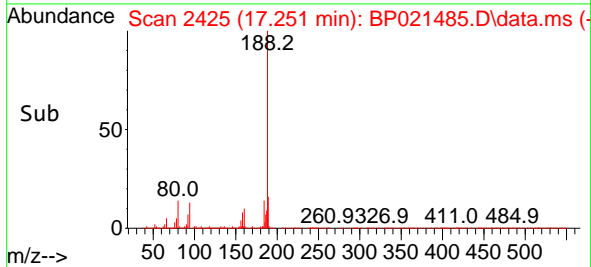


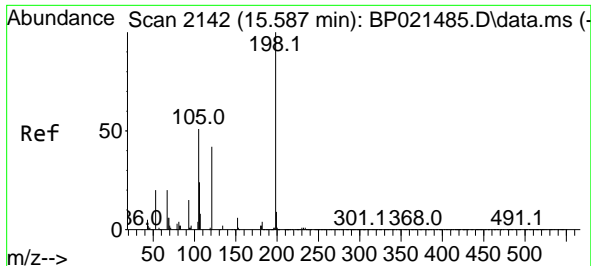
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.251 min Scan# 2425
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion:188 Resp: 1905279

Ion	Ratio	Lower	Upper
188	100		
94	12.8	10.2	15.4
80	14.5	11.6	17.4





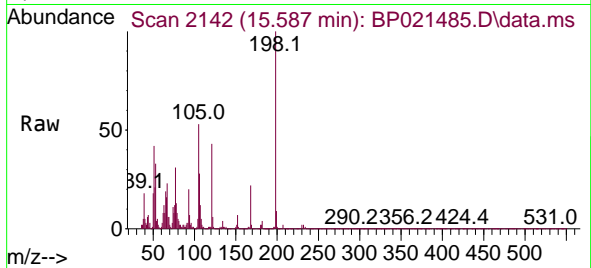
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.603 ng
 RT: 15.587 min Scan# 2142
 Delta R.T. -0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument :

BNA_P

Client SampleId :

SSTDICCC040



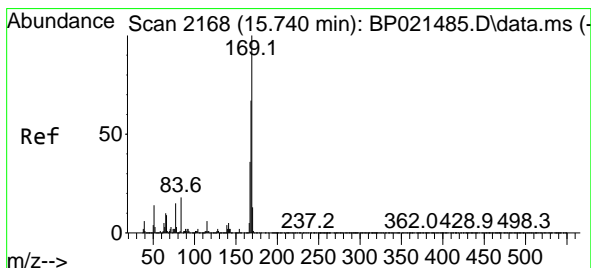
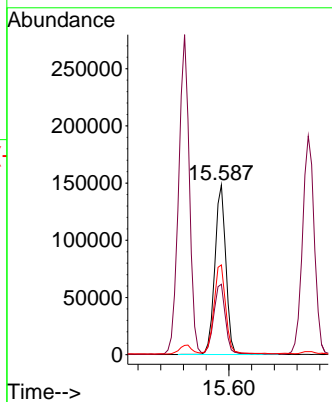
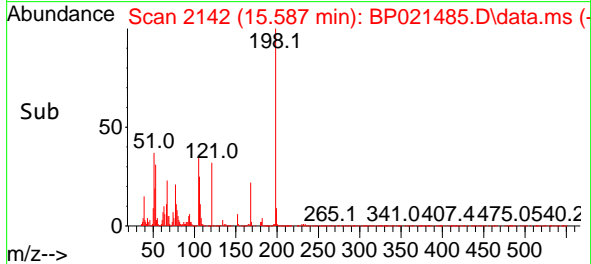
Tgt Ion:198 Resp: 199150

Ion	Ratio	Lower	Upper
198	100		
51	41.5	21.5	61.5
105	52.9	32.9	72.9

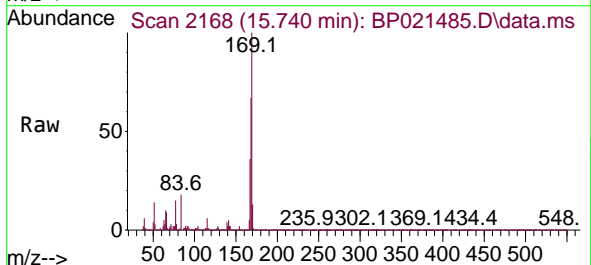
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024

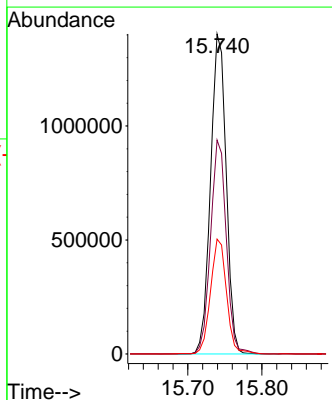
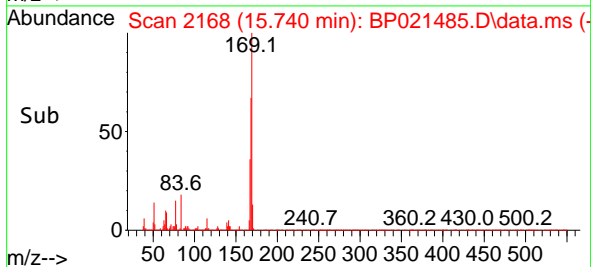


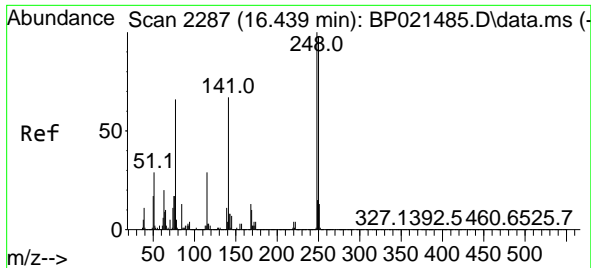
#66
 n-Nitrosodiphenylamine
 Concen: 40.175 ng
 RT: 15.740 min Scan# 2168
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion:169 Resp: 2051265

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.2
167	35.9	28.7	43.1





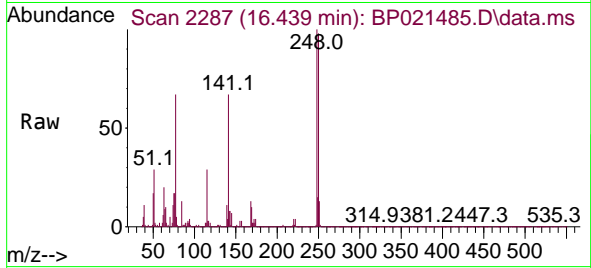
#67
 4-Bromophenyl-phenylether
 Concen: 39.211 ng
 RT: 16.439 min Scan# 2287
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040



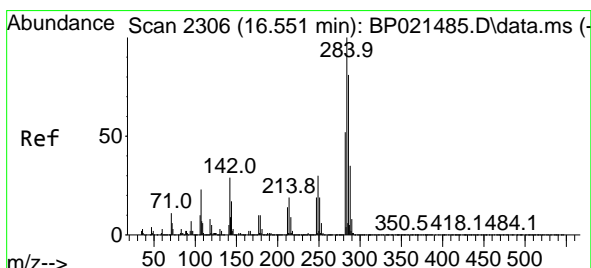
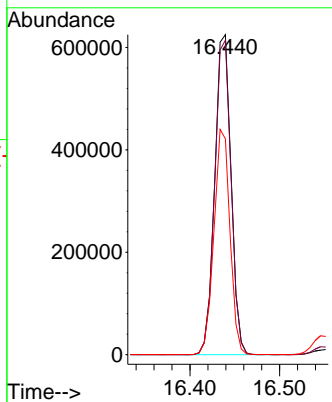
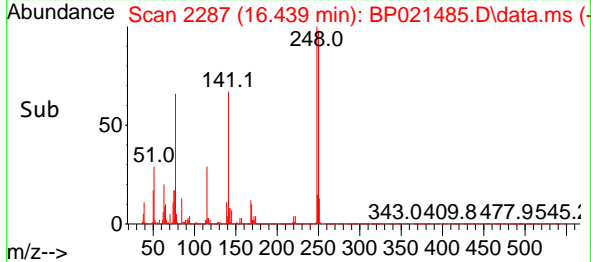
Tgt Ion:248 Resp: 79067
 Ion Ratio Lower Upper
 248 100
 250 98.2 78.6 117.8
 141 67.4 53.9 80.9

Manual Integrations

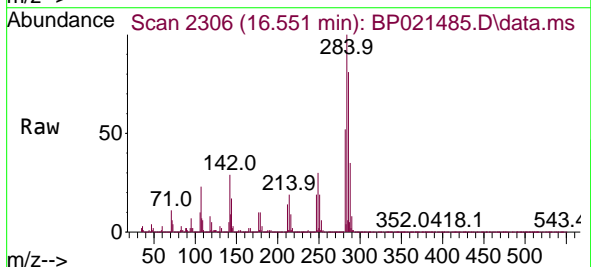
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

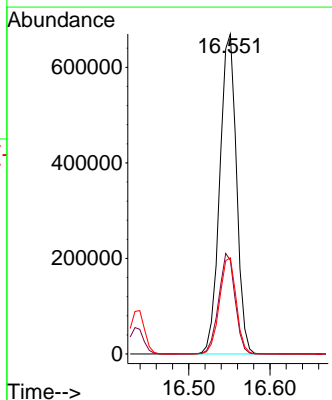
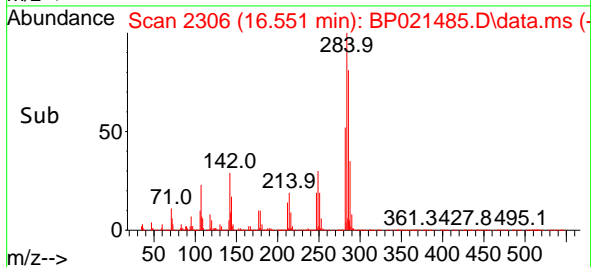
Supervised By :mohammad ahmed 08/14/2024

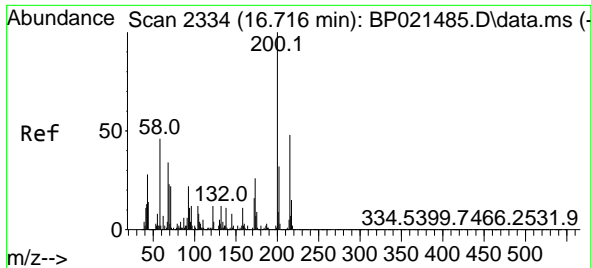


#68
 Hexachlorobenzene
 Concen: 40.240 ng
 RT: 16.551 min Scan# 2306
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



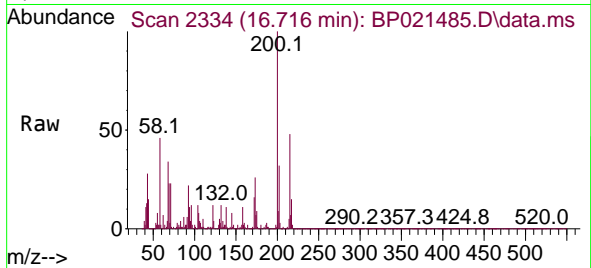
Tgt Ion:284 Resp: 958921
 Ion Ratio Lower Upper
 284 100
 142 29.3 23.4 35.2
 249 30.1 24.1 36.1





#69
 Atrazine
 Concen: 41.419 ng
 RT: 16.716 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

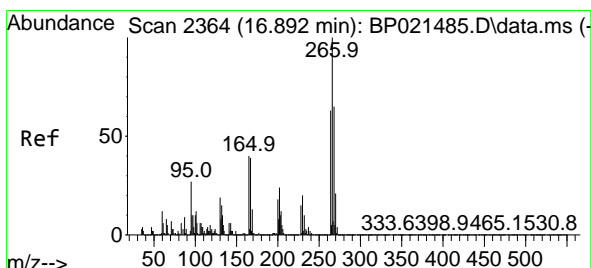
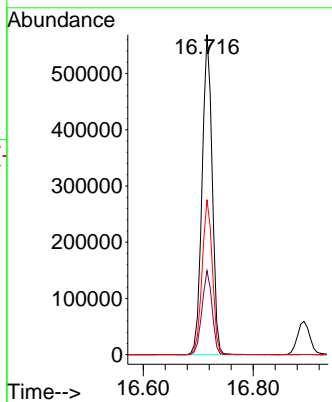
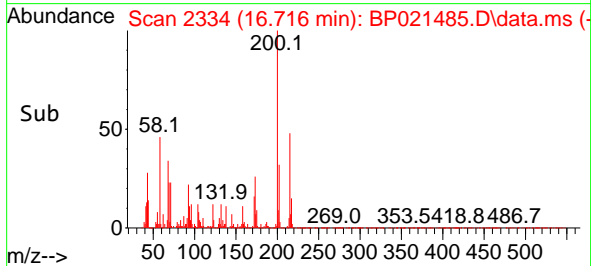
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC040



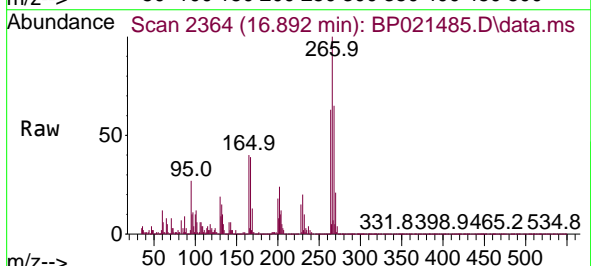
Tgt Ion:200 Resp: 72607
 Ion Ratio Lower Upper
 200 100
 173 26.2 6.2 46.2
 215 48.4 28.4 68.4

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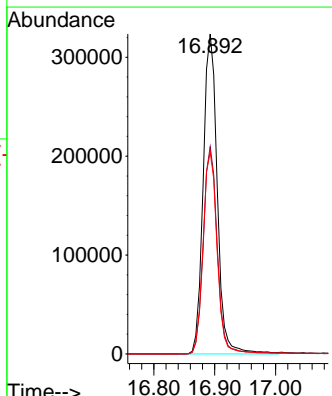
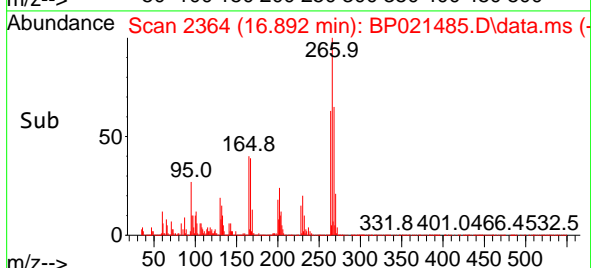
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

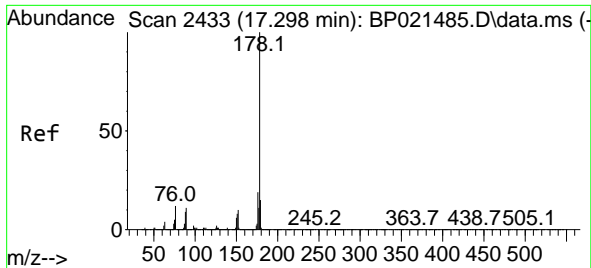


#70
 Pentachlorophenol
 Concen: 40.011 ng
 RT: 16.892 min Scan# 2364
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



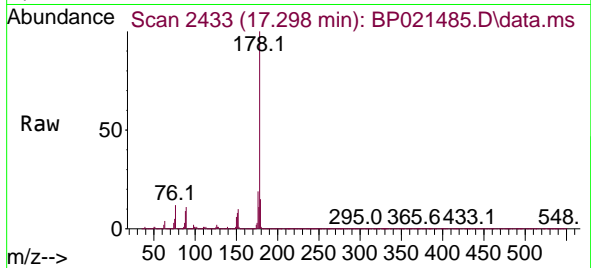
Tgt Ion:266 Resp: 520400
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.8 77.6
 264 63.1 50.5 75.7





#71
 Phenanthrene
 Concen: 40.150 ng
 RT: 17.298 min Scan# 2433
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument : BNA_P
 Client Sample Id : SSTDICCC040

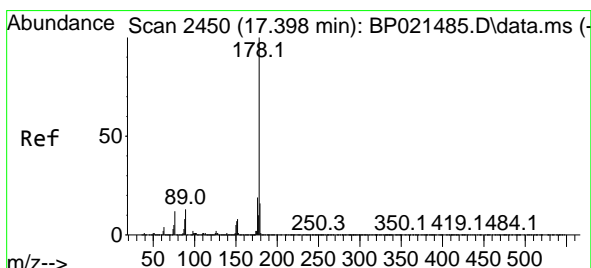
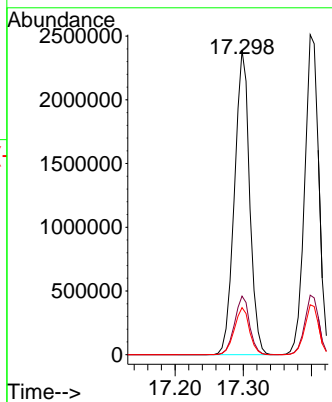
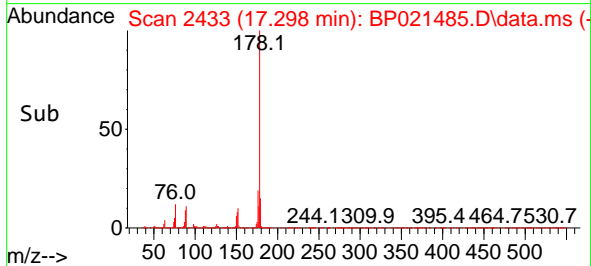


Tgt Ion: 178 Resp: 367886

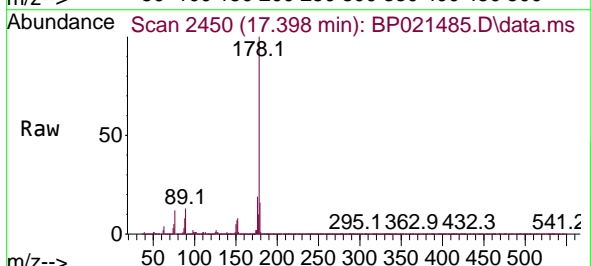
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.4	18.6

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

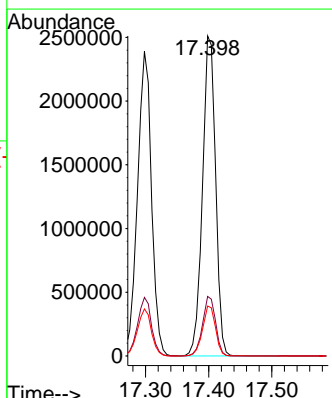
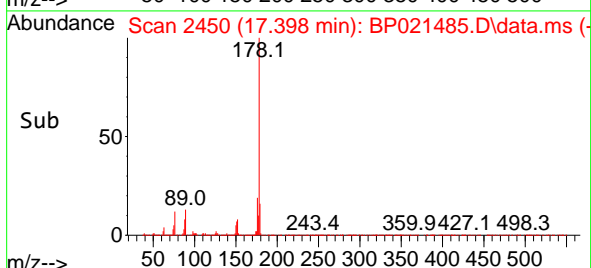


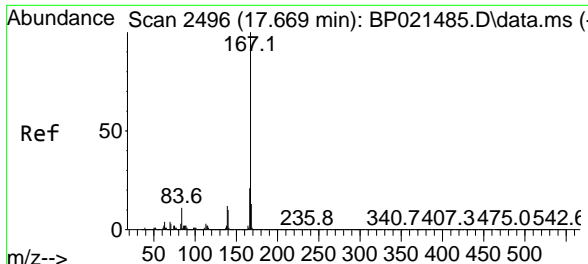
#72
 Anthracene
 Concen: 40.283 ng
 RT: 17.398 min Scan# 2450
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion: 178 Resp: 3619950

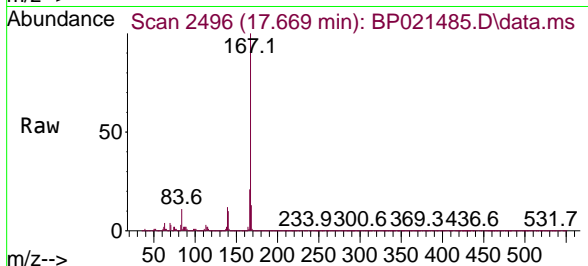
Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.6	12.5	18.7





#73
 Carbazole
 Concen: 40.912 ng
 RT: 17.669 min Scan# 2496
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

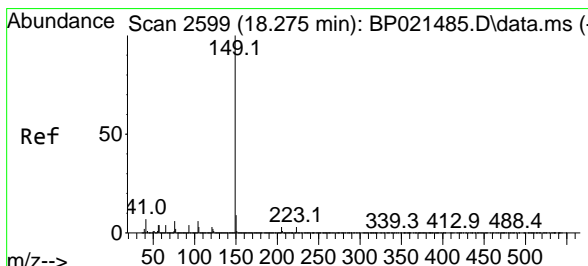
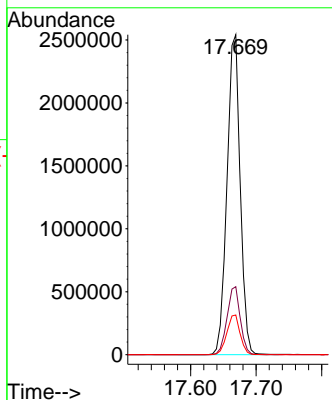
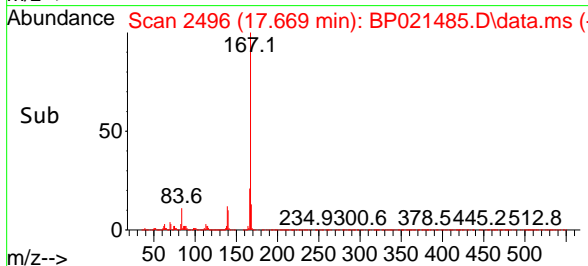
Instrument : BNA_P
 Client Sample Id : SSTDICC040



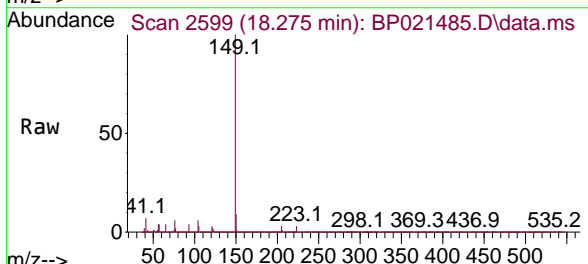
Tgt Ion: 167 Resp: 3543089
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.4 9.9 14.9

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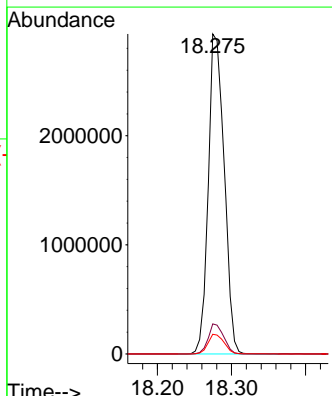
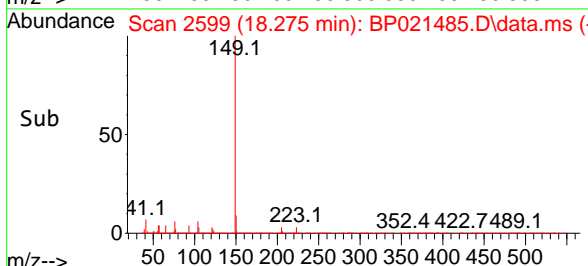
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

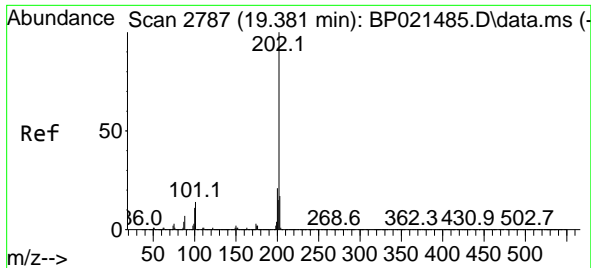


#74
 Di-n-butylphthalate
 Concen: 41.170 ng
 RT: 18.275 min Scan# 2599
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



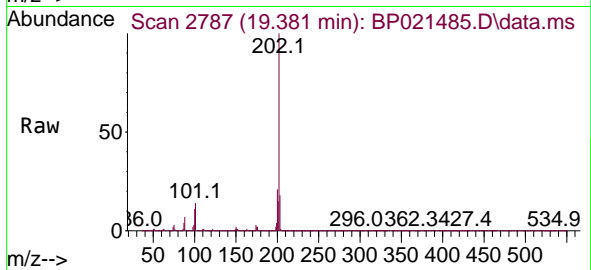
Tgt Ion: 149 Resp: 4378720
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 6.1 4.9 7.3





#75
 Fluoranthene
 Concen: 40.674 ng
 RT: 19.381 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

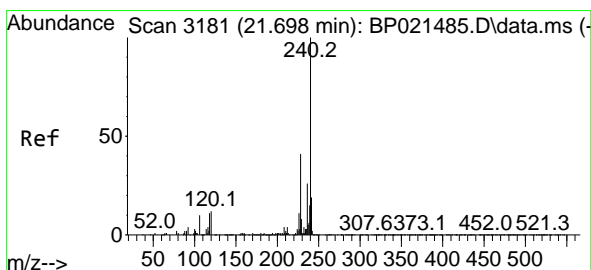
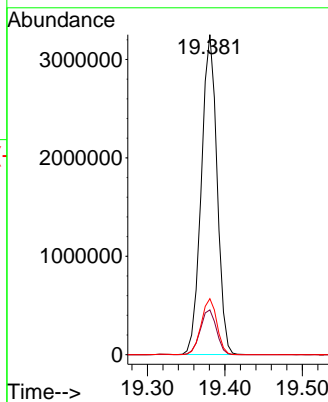
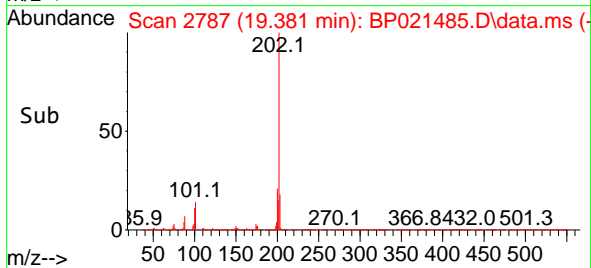
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC040



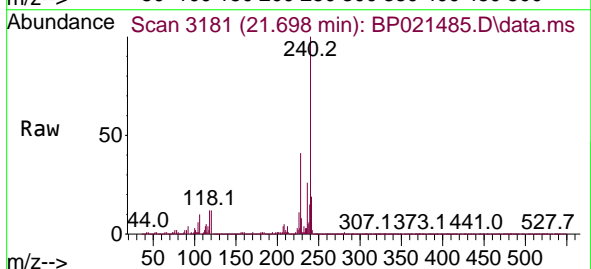
Tgt Ion: 202 Resp: 457288
 Ion Ratio Lower Upper
 202 100
 101 14.0 0.0 34.0
 203 17.5 0.0 37.5

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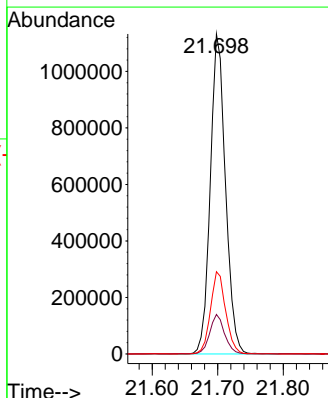
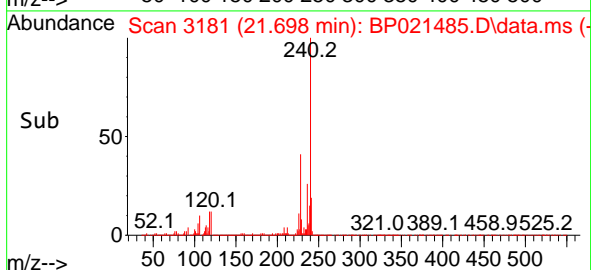
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

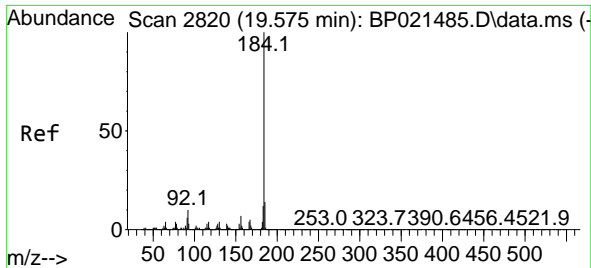


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.698 min Scan# 3181
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



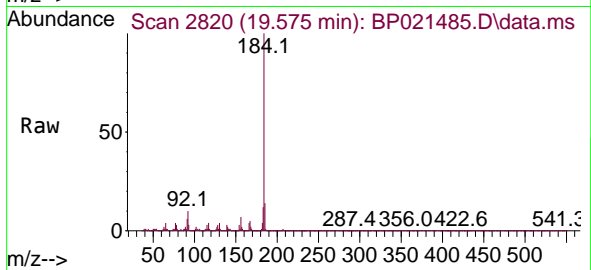
Tgt Ion: 240 Resp: 1820074
 Ion Ratio Lower Upper
 240 100
 120 12.4 9.9 14.9
 236 25.7 20.6 30.8





#77
 Benzidine
 Concen: 41.023 ng
 RT: 19.575 min Scan# 2820
 Delta R.T. -0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

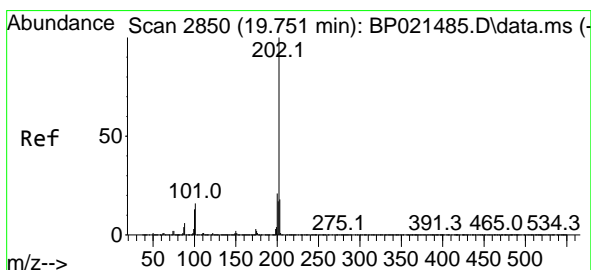
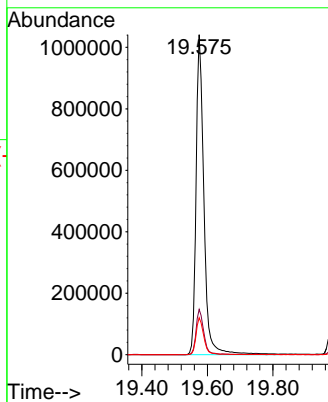
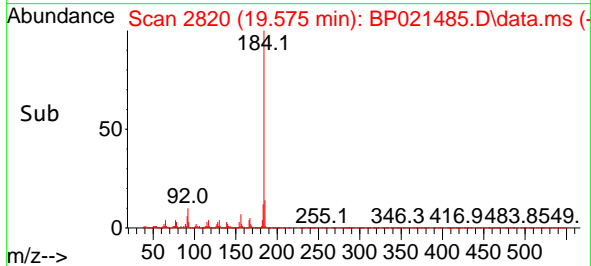
Instrument : BNA_P
 Client Sample Id : SSTDICCC040



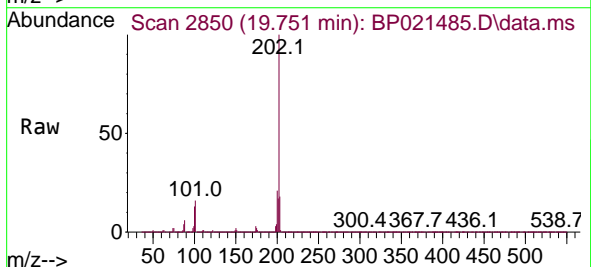
Tgt Ion:184 Resp: 173510
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.4 17.0
 183 11.6 9.3 13.9

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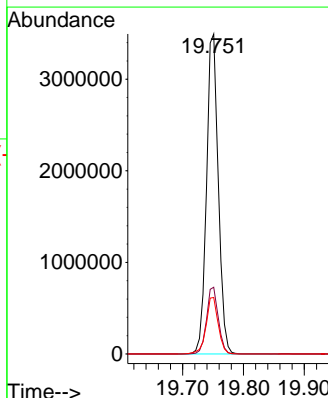
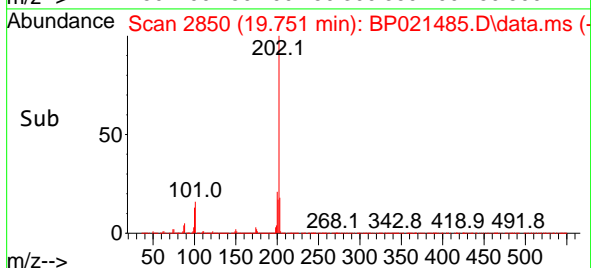
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

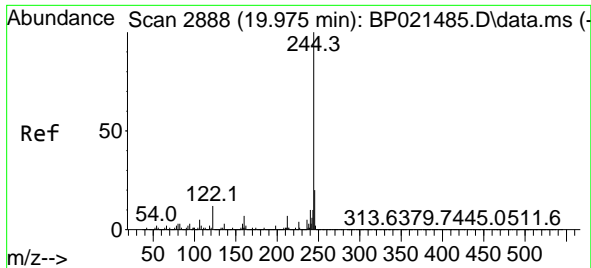


#78
 Pyrene
 Concen: 39.461 ng
 RT: 19.751 min Scan# 2850
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



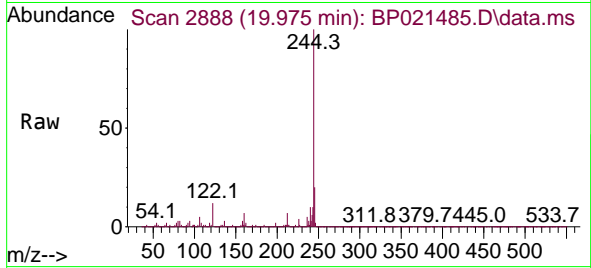
Tgt Ion:202 Resp: 4694393
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.7 25.1
 203 17.6 14.1 21.1





#79
 Terphenyl-d14
 Concen: 78.155 ng
 RT: 19.975 min Scan# 2888
 Delta R.T. -0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

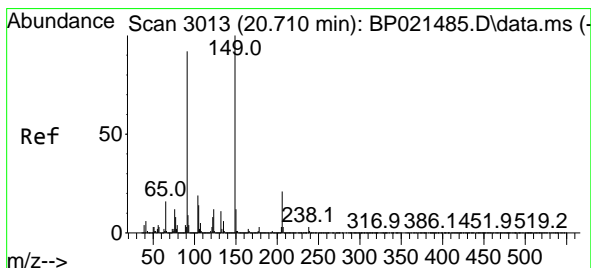
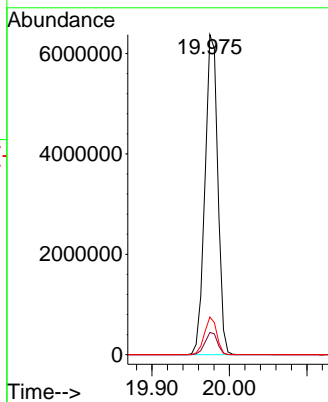
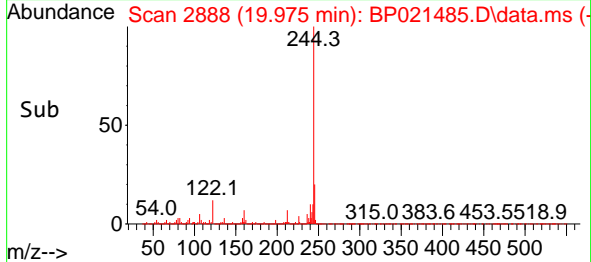
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC040



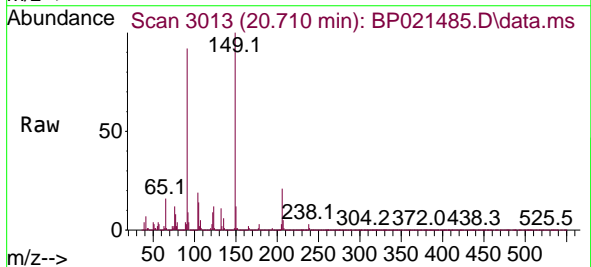
Tgt Ion:244 Resp: 7322059
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.8 9.4 14.2

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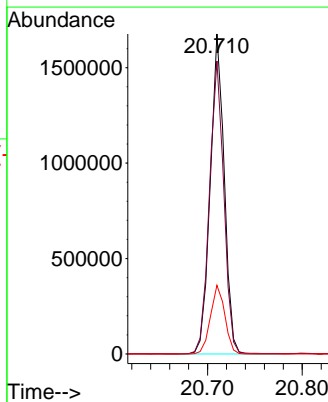
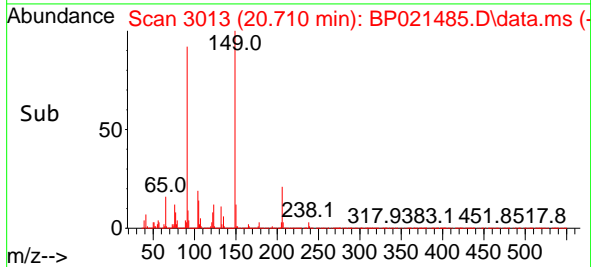
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

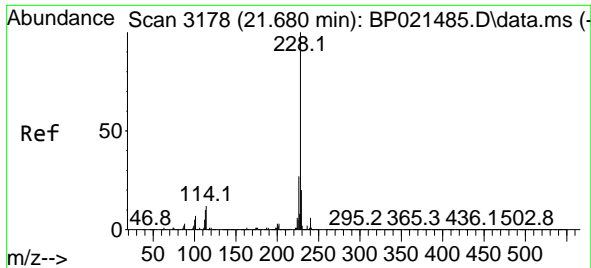


#80
 Butylbenzylphthalate
 Concen: 38.676 ng
 RT: 20.710 min Scan# 3013
 Delta R.T. -0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



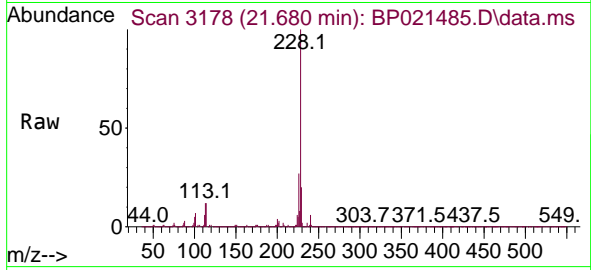
Tgt Ion:149 Resp: 1712106
 Ion Ratio Lower Upper
 149 100
 91 91.6 73.3 109.9
 206 21.4 17.1 25.7





#81
 Benzo(a)anthracene
 Concen: 40.395 ng
 RT: 21.680 min Scan# 3178
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument : BNA_P
 Client Sample Id : SSTDICCC040

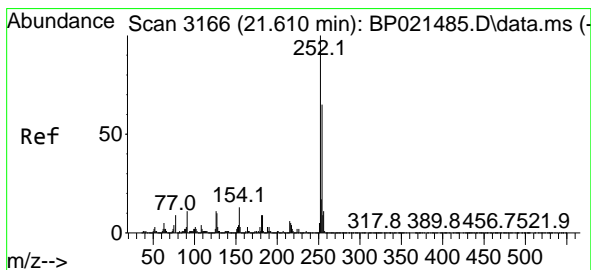
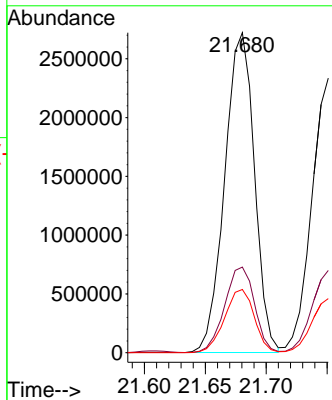
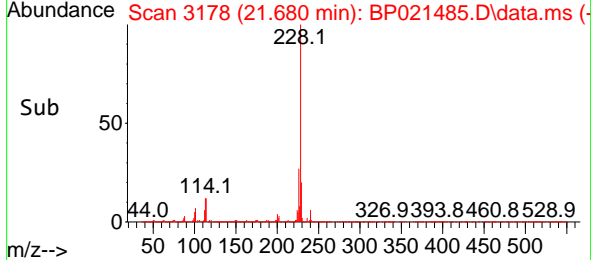


Tgt Ion: 228 Resp: 4615389

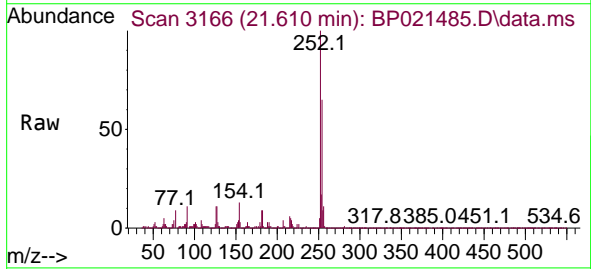
Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.2
229	19.7	15.8	23.6

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

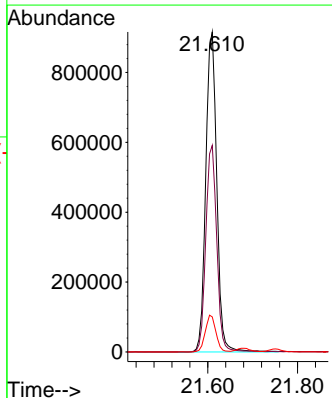
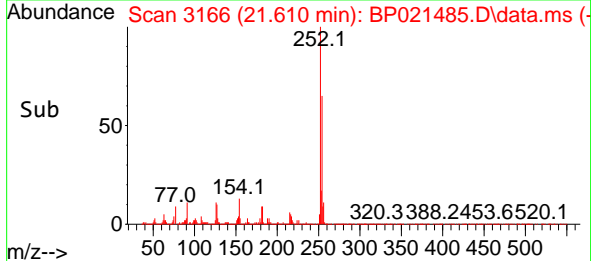


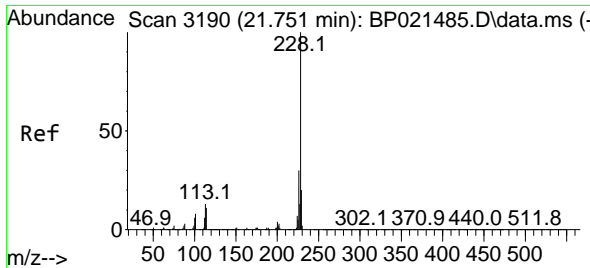
#82
 3,3'-Dichlorobenzidine
 Concen: 42.572 ng
 RT: 21.610 min Scan# 3166
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion: 252 Resp: 1559563

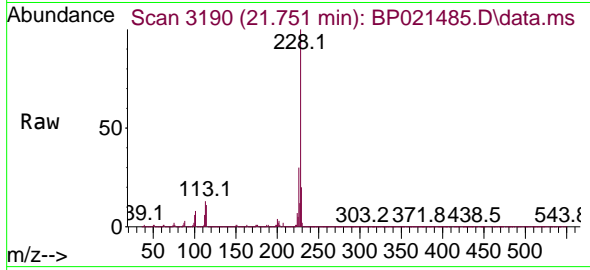
Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	10.9	8.7	13.1





#83
 Chrysene
 Concen: 40.405 ng
 RT: 21.751 min Scan# 3190
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument : BNA_P
 Client Sample Id : SSTDICCC040

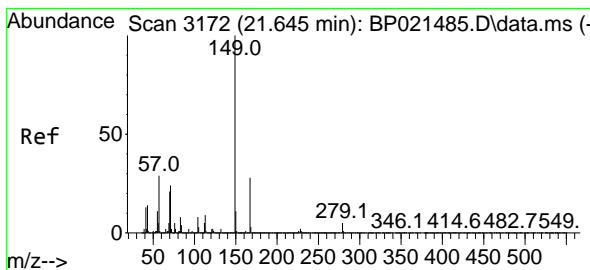
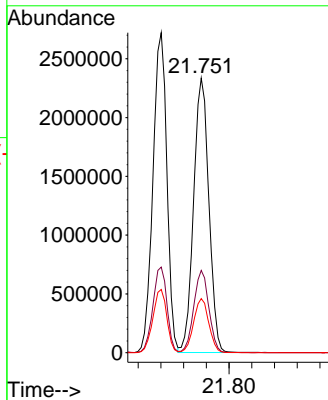
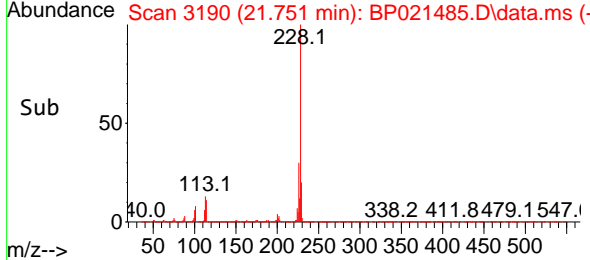


Tgt Ion: 228 Resp: 435869

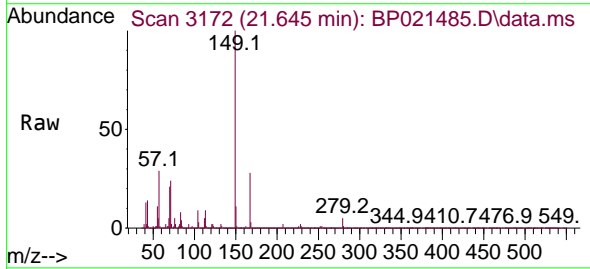
Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.7	15.8	23.6

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

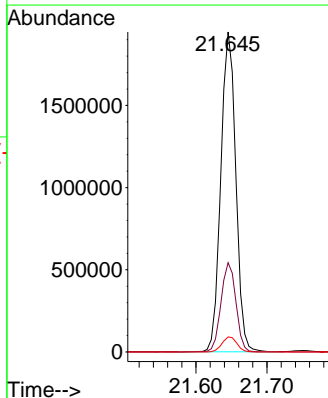
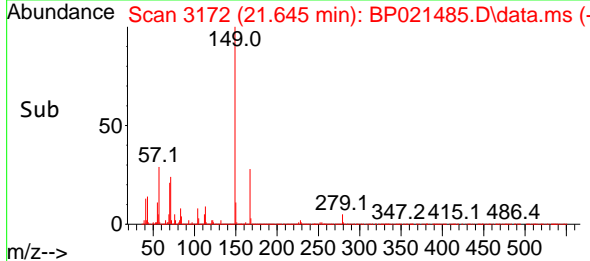


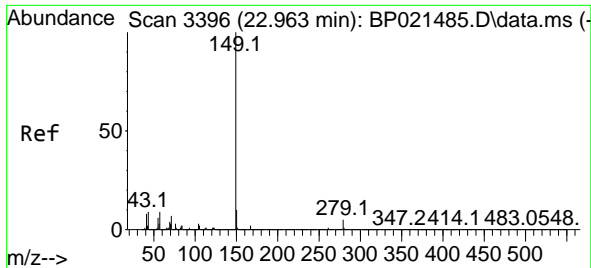
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.082 ng
 RT: 21.645 min Scan# 3172
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion: 149 Resp: 2841806

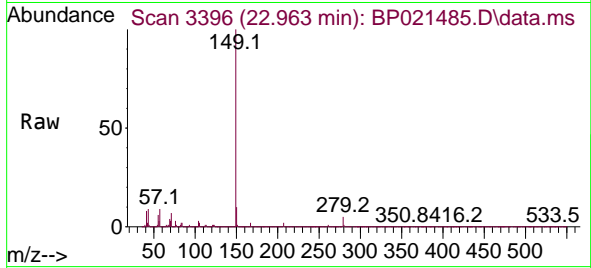
Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	4.7	3.8	5.6





#85
 Di-n-octyl phthalate
 Concen: 39.238 ng
 RT: 22.963 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

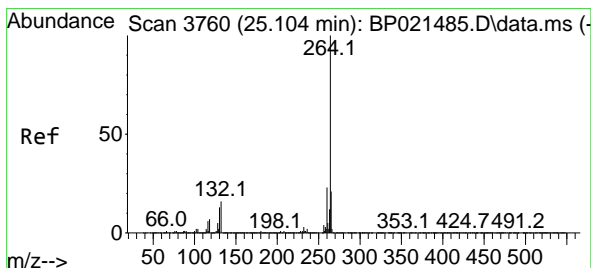
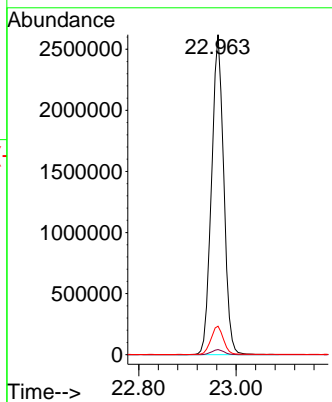
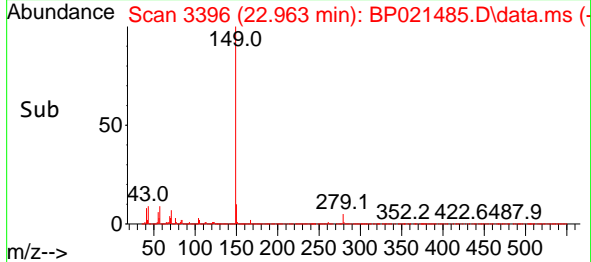
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC040



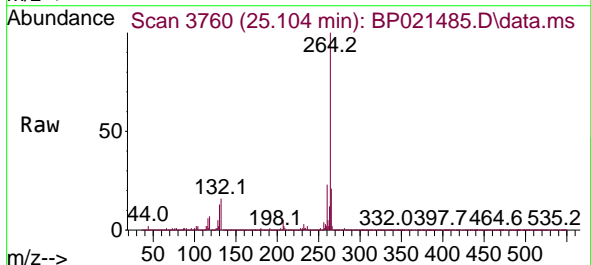
Tgt Ion:149 Resp: 453821
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.1 7.3 10.9

Manual Integrations
 APPROVED

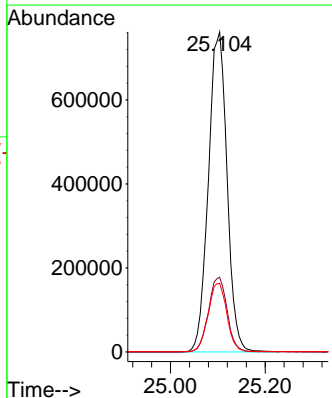
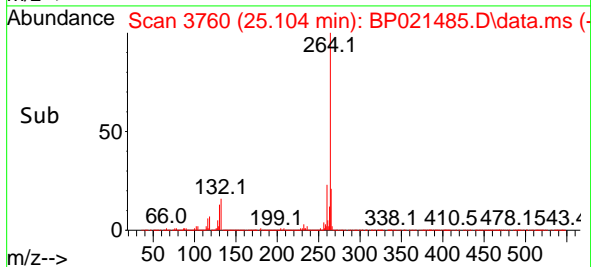
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

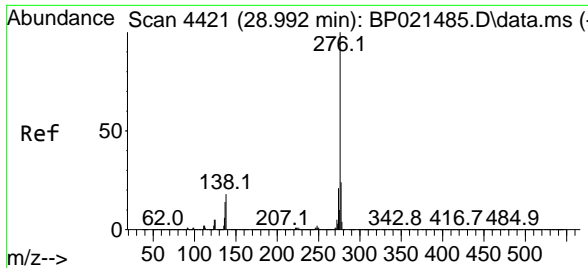


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.104 min Scan# 3760
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion:264 Resp: 2085332
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.4 17.1 25.7





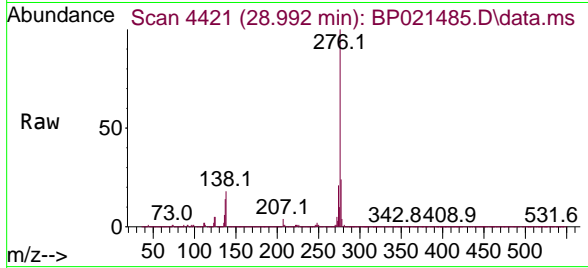
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.941 ng m
 RT: 28.992 min Scan# 4421
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

Instrument :

BNA_P

Client Sample Id :

SSTDICCC040



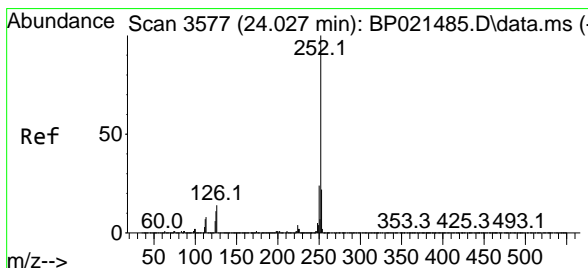
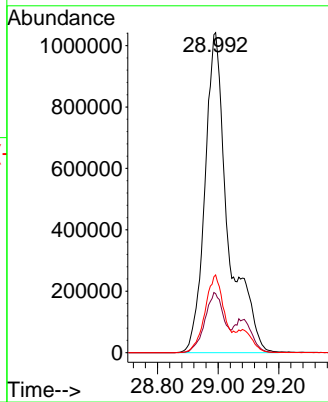
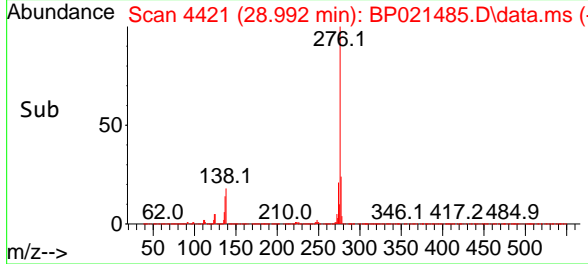
Tgt Ion: 276 Resp: 5533549
 Ion Ratio Lower Upper
 276 100
 138 16.0 12.8 19.2
 277 20.6 16.5 24.7

Manual Integrations

APPROVED

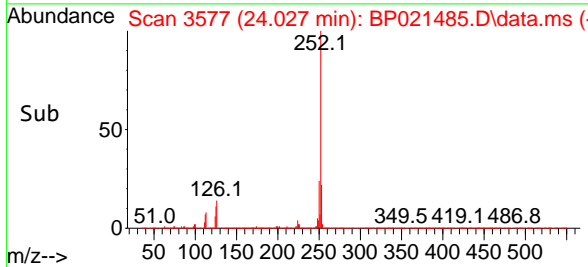
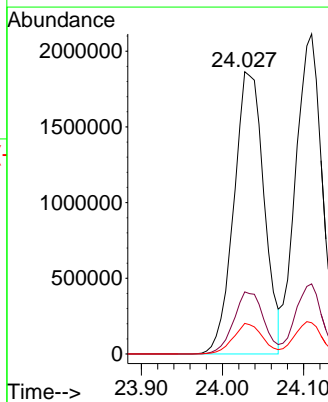
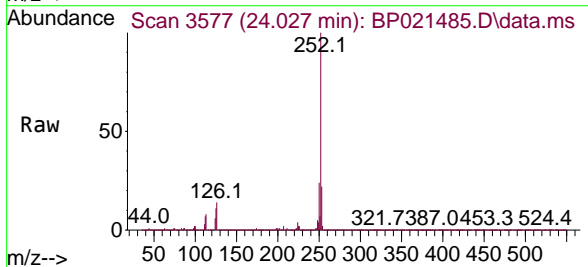
Reviewed By :Yogesh Patel 08/14/2024

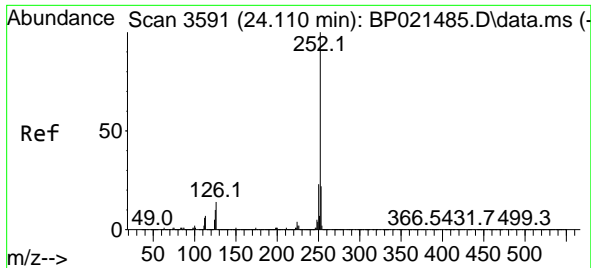
Supervised By :mohammad ahmed 08/14/2024



#88
 Benzo(b)fluoranthene
 Concen: 40.211 ng
 RT: 24.027 min Scan# 3577
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

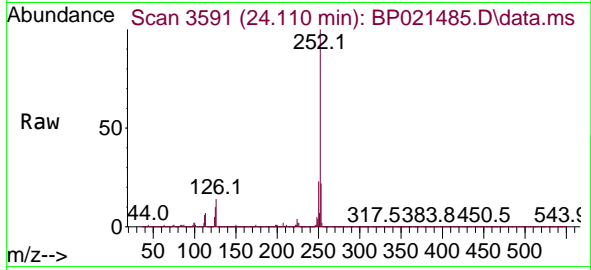
Tgt Ion: 252 Resp: 4815875
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 10.8 8.6 13.0





#89
 Benzo(k)fluoranthene
 Concen: 40.717 ng
 RT: 24.110 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

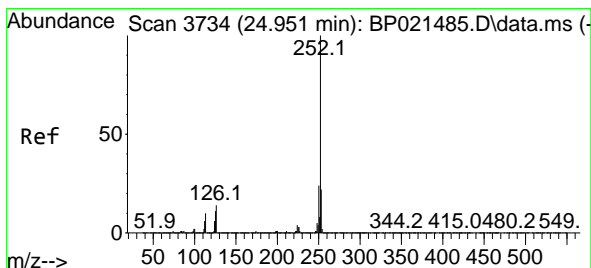
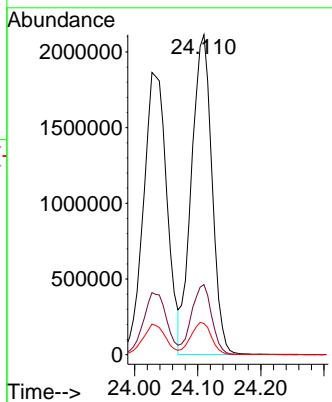
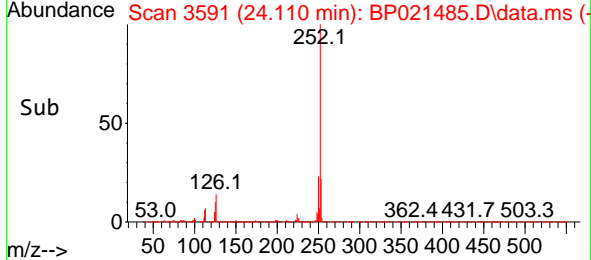
Instrument : BNA_P
 Client Sample Id : SSTDICC040



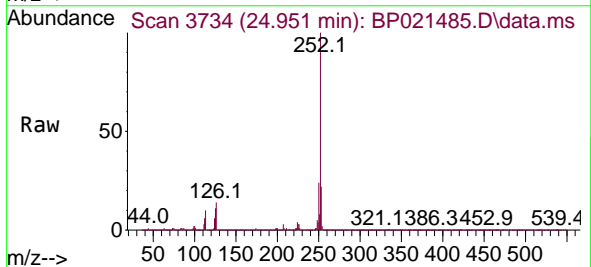
Tgt Ion:252 Resp: 4757000
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 9.8 7.8 11.8

Manual Integrations
 APPROVED

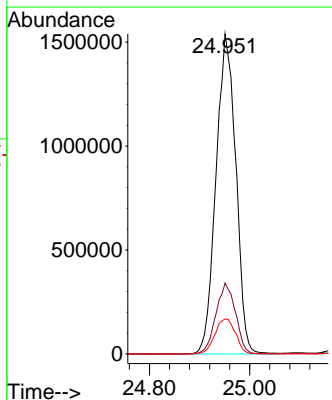
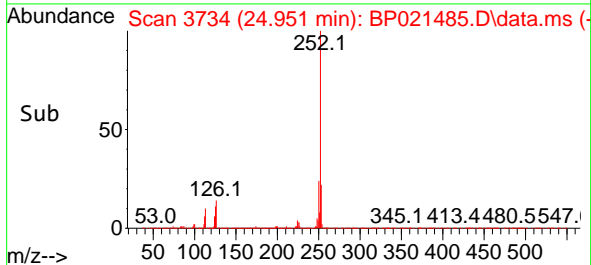
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

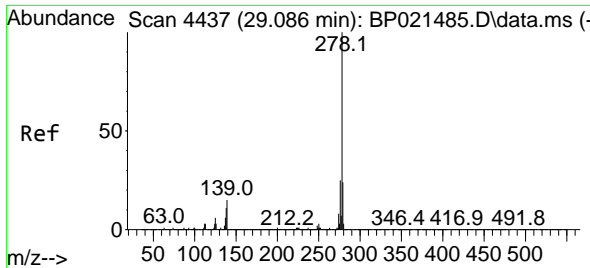


#90
 Benzo(a)pyrene
 Concen: 40.616 ng
 RT: 24.951 min Scan# 3734
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



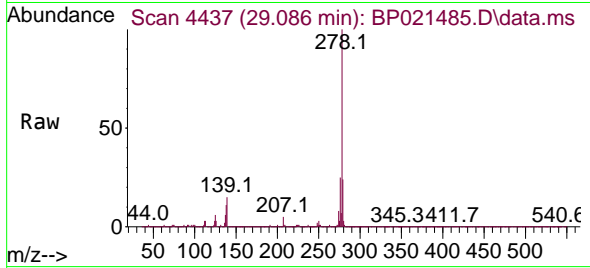
Tgt Ion:252 Resp: 4221348
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.7 26.5
 125 10.9 8.7 13.1





#91
 Dibenzo(a,h)anthracene
 Concen: 40.908 ng
 RT: 29.086 min Scan# 4437
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26

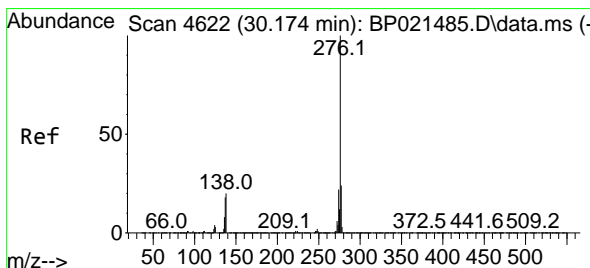
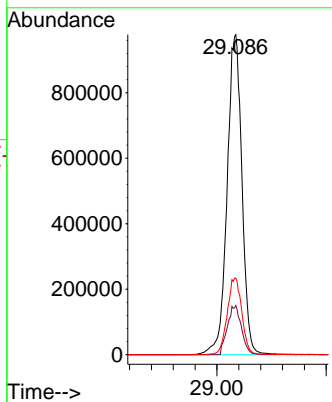
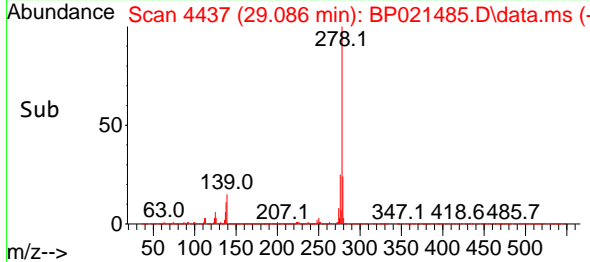
Instrument : BNA_P
 Client Sample Id : SSTDICCC040



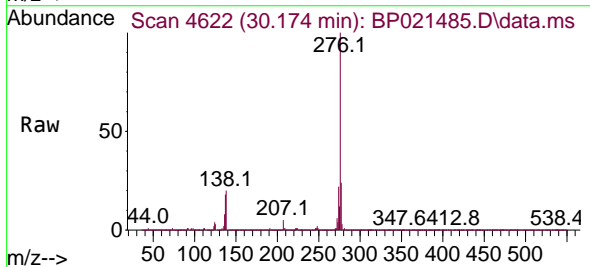
Tgt Ion: 278 Resp: 459455
 Ion Ratio Lower Upper
 278 100
 139 15.3 12.2 18.4
 279 23.9 19.1 28.7

Manual Integrations
APPROVED

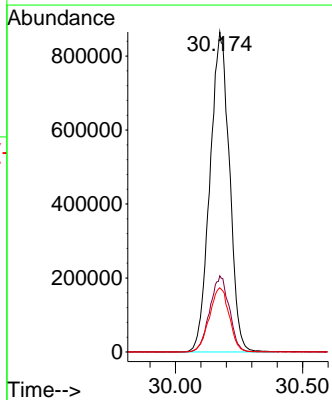
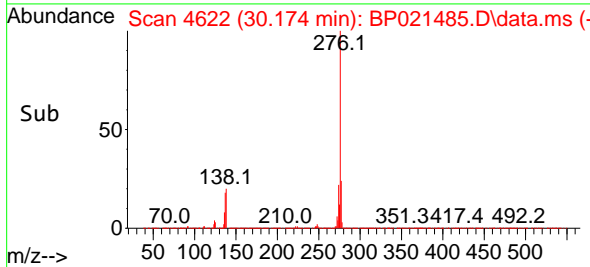
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#92
 Benzo(g,h,i)perylene
 Concen: 40.824 ng
 RT: 30.174 min Scan# 4622
 Delta R.T. 0.000 min
 Lab File: BP021485.D
 Acq: 13 Aug 2024 15:26



Tgt Ion: 276 Resp: 459557
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.0 28.6
 138 20.0 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021486.D
 Acq On : 13 Aug 2024 16:09
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 23:54:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	410033	20.000	ng	0.00	
21) Naphthalene-d8	10.593	136	1728756	20.000	ng	0.00	
39) Acenaphthene-d10	14.446	164	1119203	20.000	ng	-0.01	
64) Phenanthrene-d10	17.257	188	2278560	20.000	ng	0.00	
76) Chrysenes-d12	21.710	240	2093381	20.000	ng	0.01	
86) Perylene-d12	25.121	264	2377136	20.000	ng	0.02	
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	2713912	98.280	ng	0.00	
7) Phenol-d6	6.964	99	4004371	99.407	ng	0.00	
23) Nitrobenzene-d5	8.958	82	3559213	106.266	ng	0.00	
42) 2,4,6-Tribromophenol	15.969	330	1295133	103.974	ng	0.00	
45) 2-Fluorobiphenyl	13.063	172	7073510	96.455	ng	0.00	
79) Terphenyl-d14	19.981	244	10188627	94.554	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.317	88	614292	46.916	ng		99
3) Pyridine	3.705	79	1785033m	48.836	ng		
4) n-Nitrosodimethylamine	3.617	42	529008	48.151	ng		99
6) Aniline	7.134	93	1973018	48.993	ng		100
8) 2-Chlorophenol	7.369	128	1266906	49.646	ng		98
9) Benzaldehyde	6.946	77	1099572	42.632	ng		99
10) Phenol	6.987	94	2070173	49.628	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	1722098	48.789	ng		100
12) 1,3-Dichlorobenzene	7.699	146	1457386	48.079	ng		99
13) 1,4-Dichlorobenzene	7.840	146	1470548	48.044	ng		99
14) 1,2-Dichlorobenzene	8.158	146	1411170	47.842	ng		99
15) Benzyl Alcohol	8.034	79	1452516	50.255	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	1588042	48.854	ng		99
17) 2-Methylphenol	8.234	107	1308851	49.632	ng		99
18) Hexachloroethane	8.887	117	601480	49.004	ng		97
19) n-Nitroso-di-n-propyla...	8.611	70	1340426	48.171	ng		99
20) 3+4-Methylphenols	8.564	107	1777289	49.982	ng		98
22) Acetophenone	8.616	105	2552368	48.058	ng		99
24) Nitrobenzene	8.999	77	1881606	51.725	ng		98
25) Isophorone	9.522	82	3789274	47.889	ng		99
26) 2-Nitrophenol	9.705	139	464597	49.970	ng		98
27) 2,4-Dimethylphenol	9.763	122	956577	48.987	ng		98
28) bis(2-Chloroethoxy)met...	10.005	93	2342749	48.504	ng		100
29) 2,4-Dichlorophenol	10.234	162	1189252	51.545	ng		98
30) 1,2,4-Trichlorobenzene	10.458	180	1428575	48.296	ng		99
31) Naphthalene	10.646	128	4330348	47.949	ng		100
32) Benzoic acid	9.899	122	652668	50.213	ng		99
33) 4-Chloroaniline	10.746	127	1640026	48.345	ng		99
34) Hexachlorobutadiene	10.946	225	906501	48.672	ng		100
35) Caprolactam	11.510	113	469071	48.850	ng		98
36) 4-Chloro-3-methylphenol	11.863	107	1600490	50.008	ng		99
37) 2-Methylnaphthalene	12.263	142	2950679	47.872	ng		100
38) 1-Methylnaphthalene	12.481	142	2908087	47.838	ng		100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1617735	49.332	ng		100
41) Hexachlorocyclopentadiene	12.616	237	546269	52.560	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	949480	52.124	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021486.D
 Acq On : 13 Aug 2024 16:09
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 SSTDICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 23:54:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	1056277	52.191	ng	98
46) 1,1'-Biphenyl	13.275	154	3811862	48.139	ng	100
47) 2-Chloronaphthalene	13.310	162	2979553	48.332	ng	98
48) 2-Nitroaniline	13.504	65	821676	47.603	ng	98
49) Acenaphthylene	14.169	152	4367223	48.190	ng	100
50) Dimethylphthalate	13.910	163	3569162	47.620	ng	99
51) 2,6-Dinitrotoluene	14.010	165	731267	48.330	ng	99
52) Acenaphthene	14.516	154	2861701	48.126	ng	100
53) 3-Nitroaniline	14.340	138	710103	47.788	ng	97
54) 2,4-Dinitrophenol	14.551	184	205628	49.369	ng	97
55) Dibenzofuran	14.857	168	4373407	47.811	ng	100
56) 4-Nitrophenol	14.646	139	562138	47.429	ng	96
57) 2,4-Dinitrotoluene	14.810	165	918371	47.777	ng	98
58) Fluorene	15.522	166	3525015	46.908	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	885682	51.558	ng	99
60) Diethylphthalate	15.304	149	3687157	47.945	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	1836235	47.272	ng	97
62) 4-Nitroaniline	15.522	138	733231	47.987	ng	94
63) Azobenzene	15.810	77	4349860	46.014	ng	99
65) 4,6-Dinitro-2-methylph...	15.587	198	342052	49.749	ng	98
66) n-Nitrosodiphenylamine	15.734	169	2980276	48.807	ng	100
67) 4-Bromophenyl-phenylether	16.434	248	1198687	49.707	ng	98
68) Hexachlorobenzene	16.545	284	1395323	48.961	ng	99
69) Atrazine	16.716	200	1019051	48.608	ng	98
70) Pentachlorophenol	16.892	266	812046	52.206	ng	99
71) Phenanthrene	17.304	178	5308898	48.447	ng	100
72) Anthracene	17.392	178	5212543	48.503	ng	100
73) Carbazole	17.669	167	4974161	48.027	ng	99
74) Di-n-butylphthalate	18.287	149	6454560	50.745	ng	100
75) Fluoranthene	19.386	202	6476130	48.166	ng	99
77) Benzidine	19.575	184	2493655	52.808	ng	100
78) Pyrene	19.757	202	6603640	48.263	ng	99
80) Butylbenzylphthalate	20.710	149	2559896	49.198	ng	98
81) Benzo(a)anthracene	21.686	228	6405297	48.741	ng	99
82) 3,3'-Dichlorobenzidine	21.610	252	2191535	52.013	ng	99
83) Chrysene	21.763	228	6024463	48.555	ng	100
84) Bis(2-ethylhexyl)phtha...	21.645	149	4205342	54.143	ng	100
85) Di-n-octyl phthalate	22.969	149	6722548	49.144	ng	100
87) Indeno(1,2,3-cd)pyrene	29.004	276	7707464m	50.025	ng	
88) Benzo(b)fluoranthene	24.039	252	6647186	48.689	ng	100
89) Benzo(k)fluoranthene	24.116	252	6552987	49.204	ng	99
90) Benzo(a)pyrene	24.957	252	5918922	49.959	ng	99
91) Dibenzo(a,h)anthracene	29.092	278	6420896	50.151	ng	99
92) Benzo(g,h,i)perylene	30.221	276	6383870	49.748	ng	99

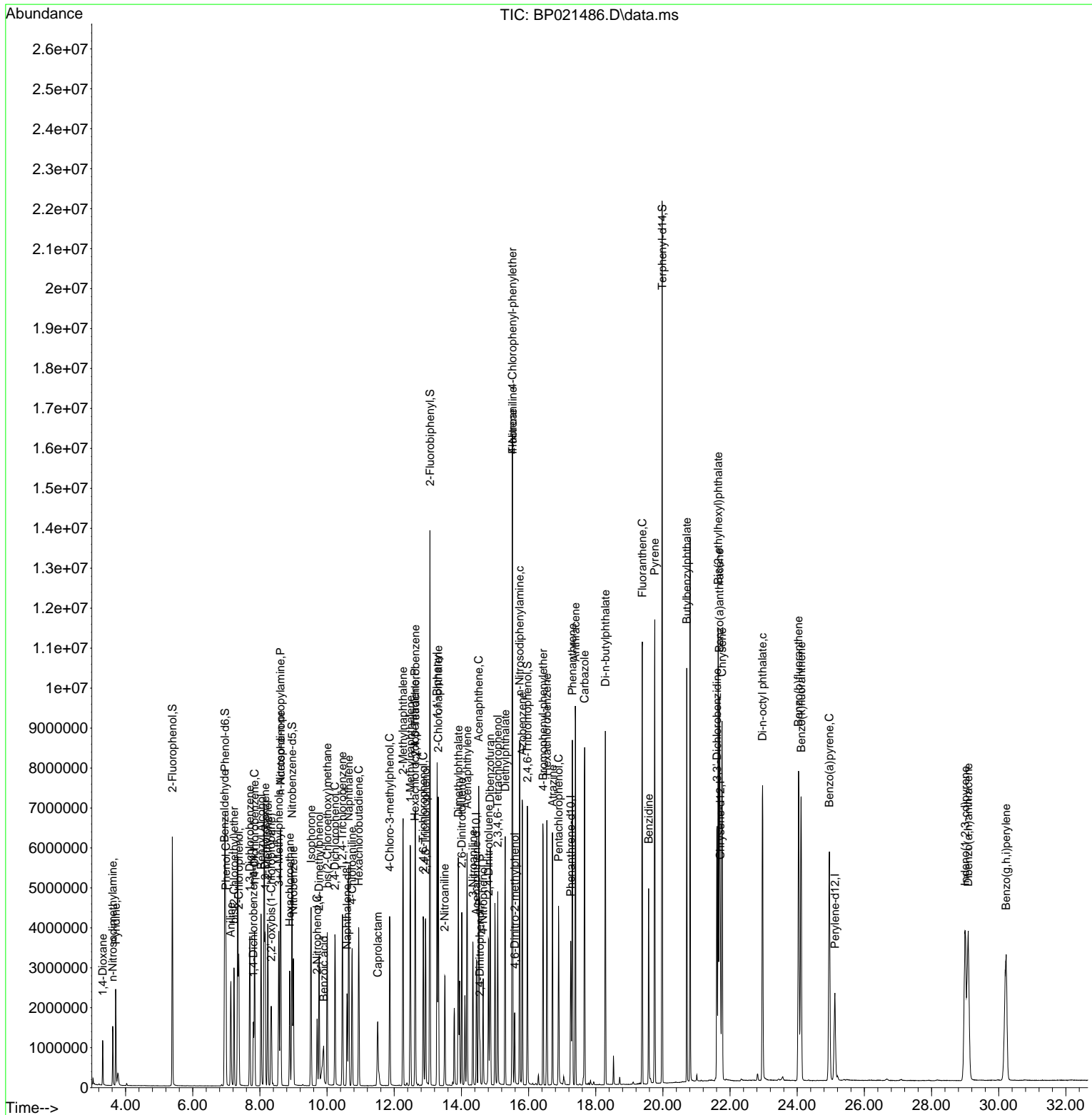
(#) = qualifier out of range (m) = manual integration (+) = signals summed

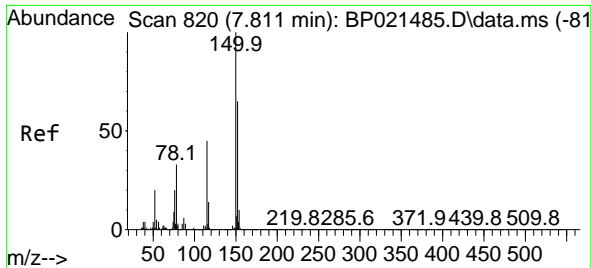
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021486.D
 Acq On : 13 Aug 2024 16:09
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Quant Time: Aug 13 23:54:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024





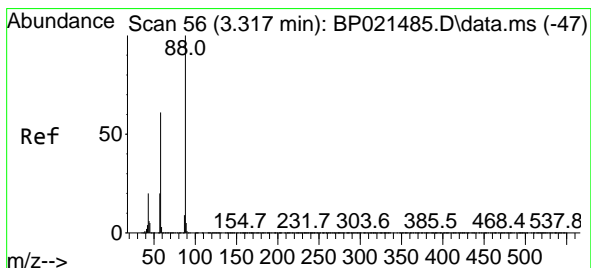
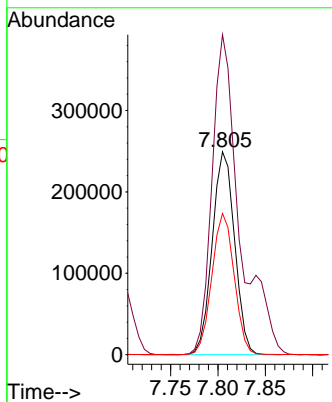
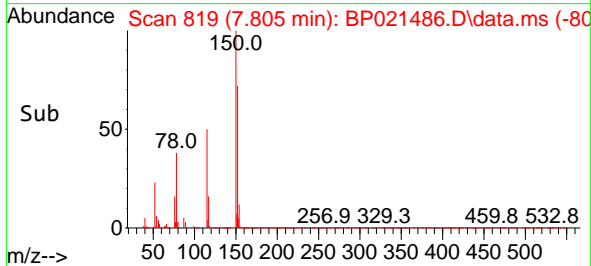
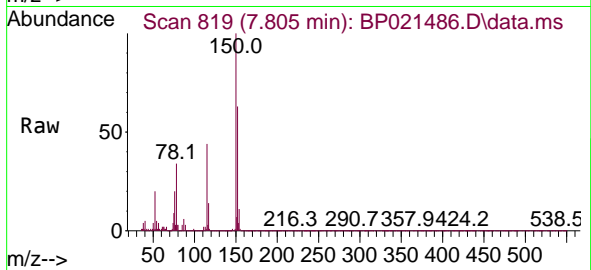
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Tgt Ion:152 Resp: 41003
 Ion Ratio Lower Upper
 152 100
 150 157.8 122.4 183.6
 115 69.6 54.7 82.1

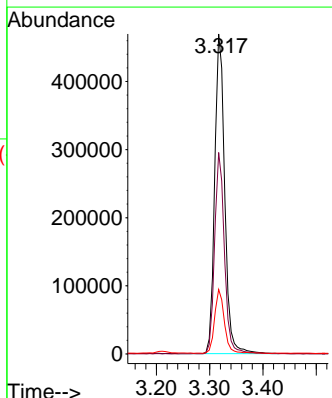
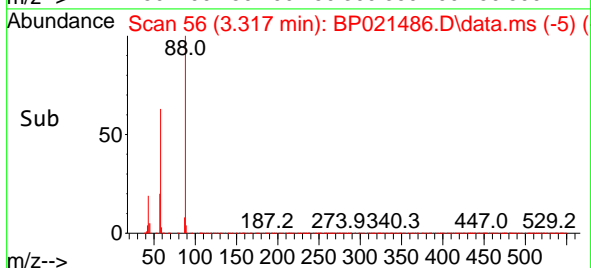
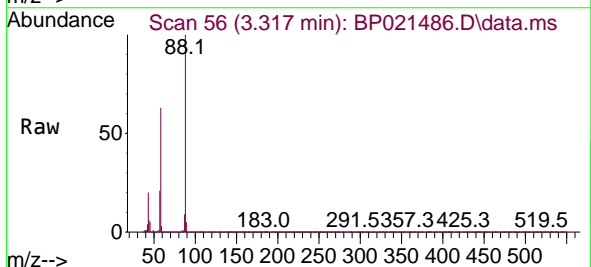
Manual Integrations
 APPROVED

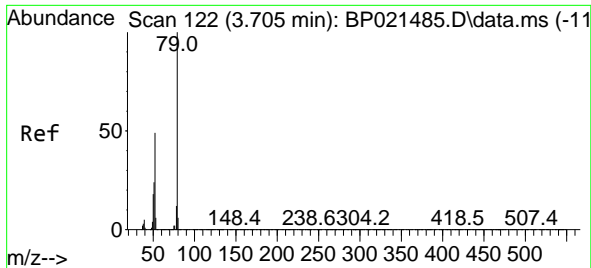
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#2
 1,4-Dioxane
 Concen: 46.916 ng
 RT: 3.317 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Tgt Ion: 88 Resp: 614292
 Ion Ratio Lower Upper
 88 100
 58 61.9 48.7 73.1
 43 19.4 15.4 23.2





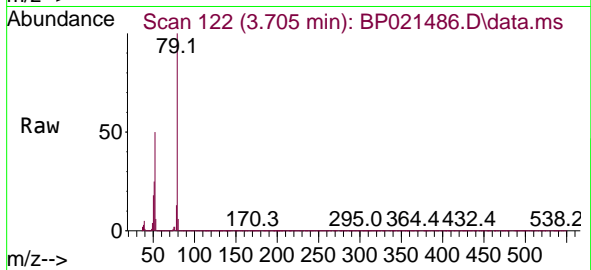
#3
 Pyridine
 Concen: 48.836 ng m
 RT: 3.705 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :

BNA_P

ClientSampleId :

SSTDICC050



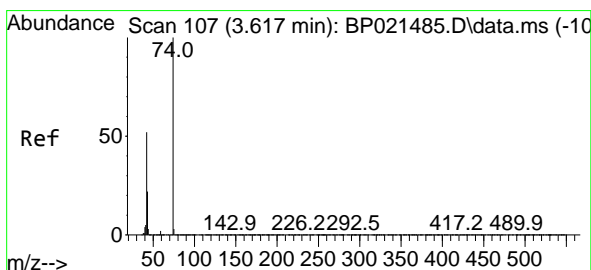
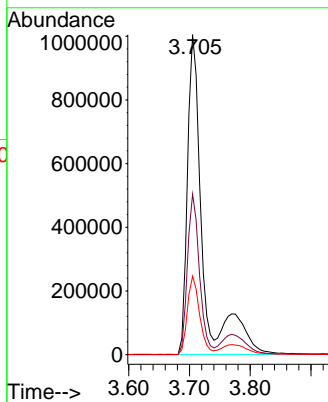
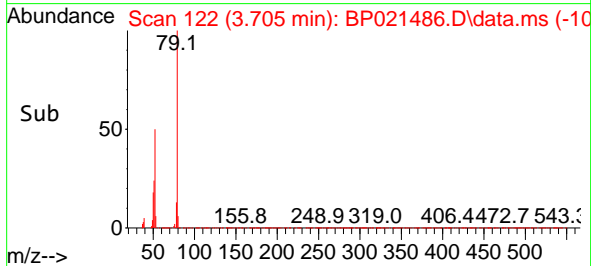
Tgt Ion: 79 Resp: 178503
 Ion Ratio Lower Upper
 79 100
 52 50.2 39.0 58.6
 51 24.5 19.2 28.8

Manual Integrations

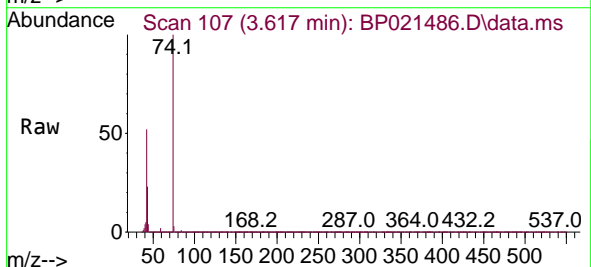
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Reviewed By :Yogesh Patel 08/14/2024

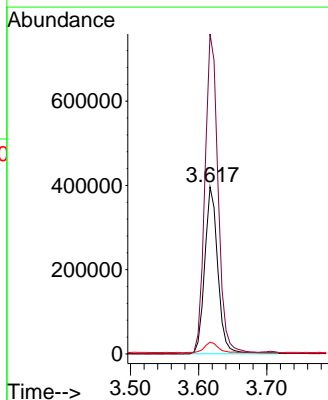
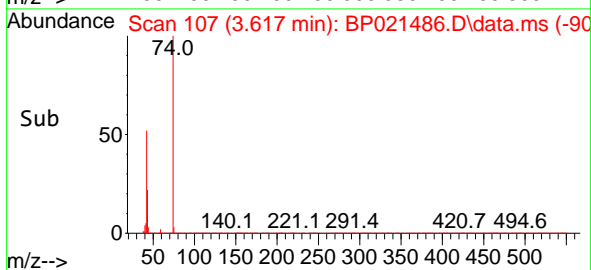
Supervised By :mohammad ahmed 08/14/2024

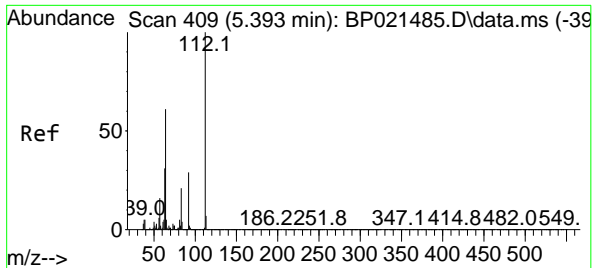


#4
 n-Nitrosodimethylamine
 Concen: 48.151 ng
 RT: 3.617 min Scan# 107
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



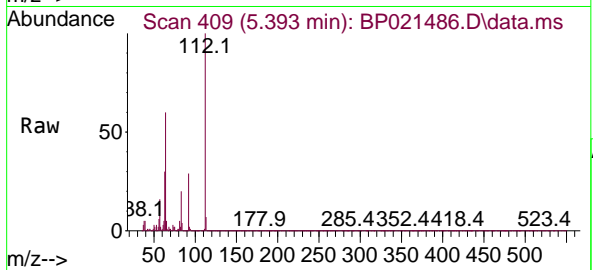
Tgt Ion: 42 Resp: 529008
 Ion Ratio Lower Upper
 42 100
 74 191.6 154.3 231.5
 44 7.1 6.2 9.4





#5
 2-Fluorophenol
 Concen: 98.280 ng
 RT: 5.393 min Scan# 409
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

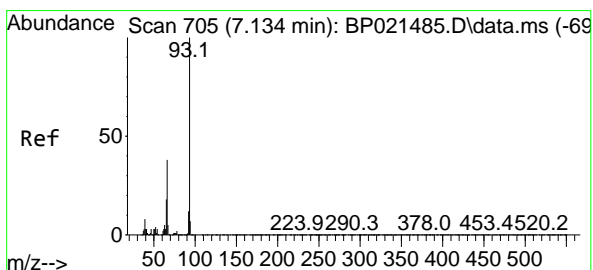
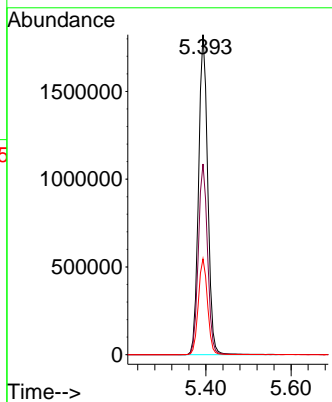
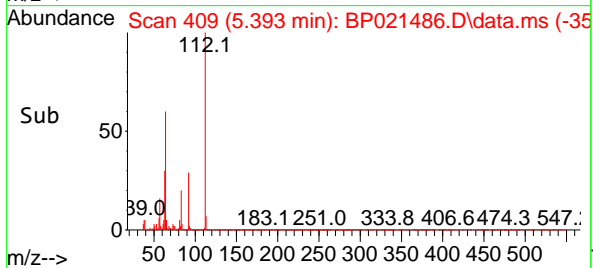
Instrument : BNA_P
 Client Sample Id : SSTDIC050



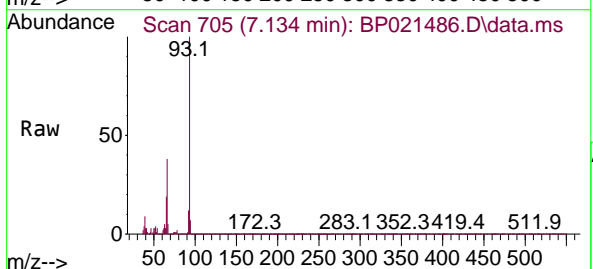
Tgt Ion: 112 Resp: 271391
 Ion Ratio Lower Upper
 112 100
 64 59.6 49.0 73.6
 63 29.9 24.6 36.8

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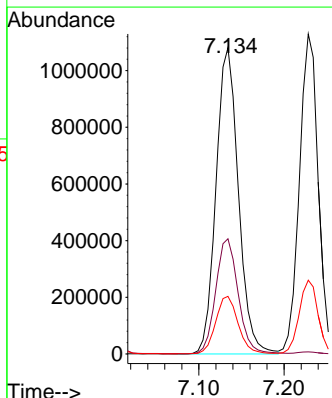
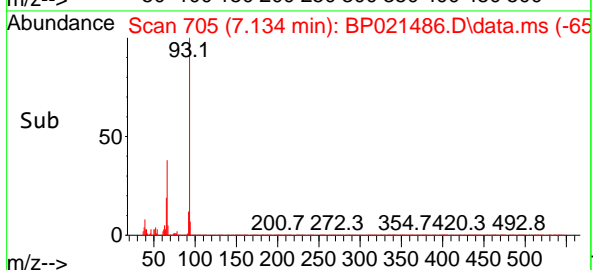
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

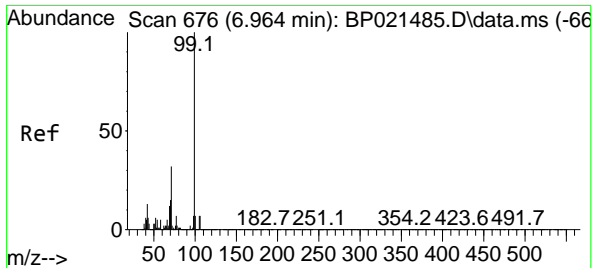


#6
 Aniline
 Concen: 48.993 ng
 RT: 7.134 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



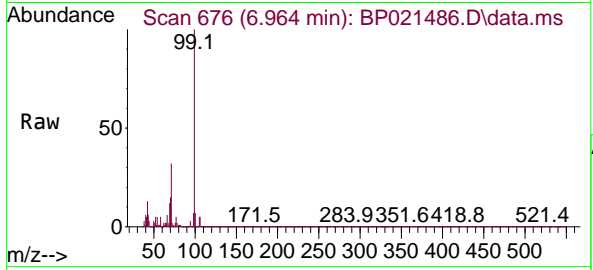
Tgt Ion: 93 Resp: 1973018
 Ion Ratio Lower Upper
 93 100
 66 37.6 30.2 45.2
 65 18.8 14.7 22.1





Phenol-d6
 Concen: 99.407 ng
 RT: 6.964 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC050

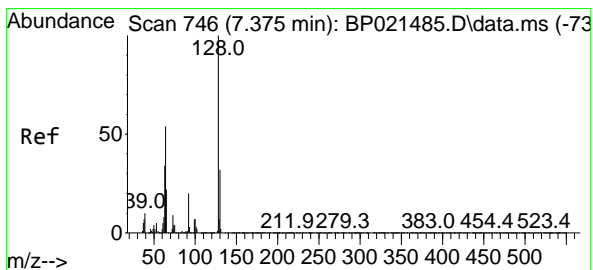
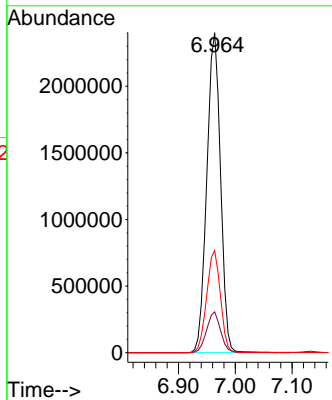
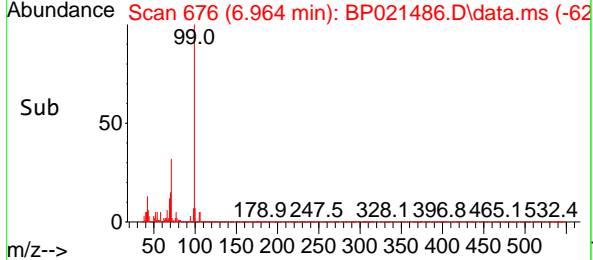


Tgt Ion: 99 Resp: 400437

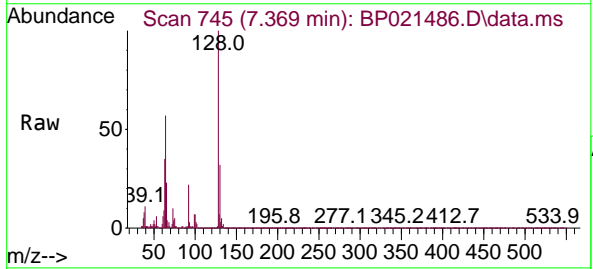
Ion	Ratio	Lower	Upper
99	100		
42	12.8	10.2	15.4
71	31.9	25.8	38.8

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

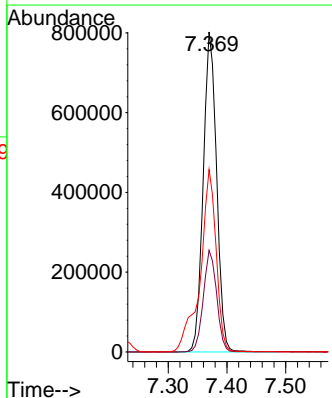
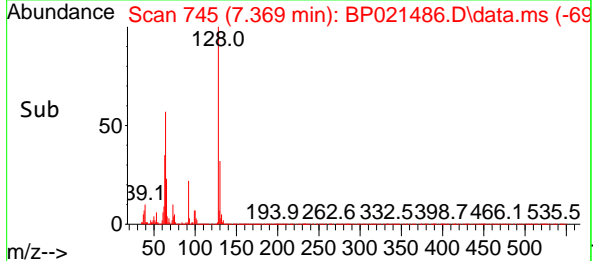


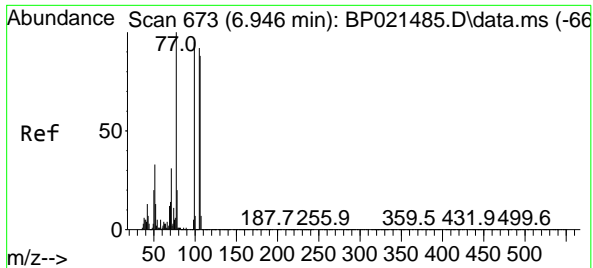
2-Chlorophenol
 Concen: 49.646 ng
 RT: 7.369 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



Tgt Ion:128 Resp: 1266906

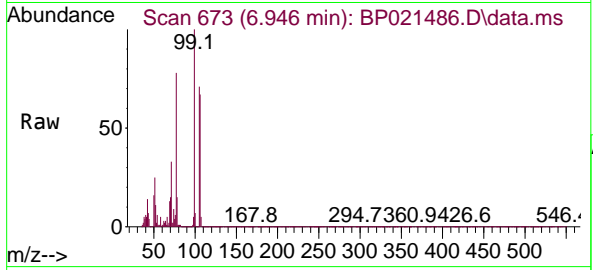
Ion	Ratio	Lower	Upper
128	100		
130	31.8	11.6	51.6
64	57.0	35.3	75.3





#9
 Benzaldehyde
 Concen: 42.632 ng
 RT: 6.946 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

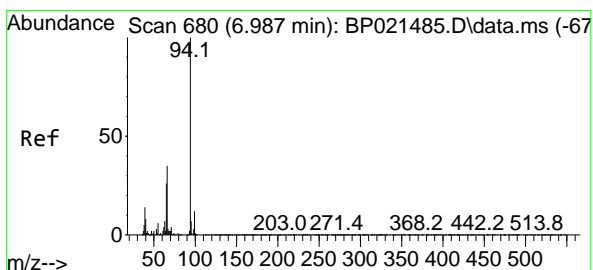
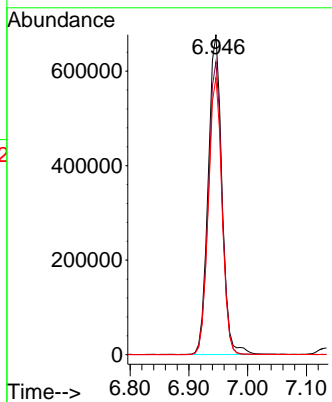
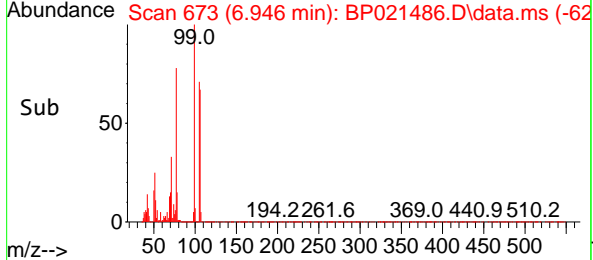
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC050



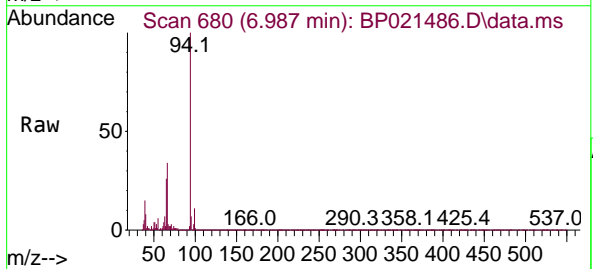
Tgt Ion: 77 Resp: 109957
 Ion Ratio Lower Upper
 77 100
 105 91.6 72.1 112.1
 106 86.6 67.9 107.9

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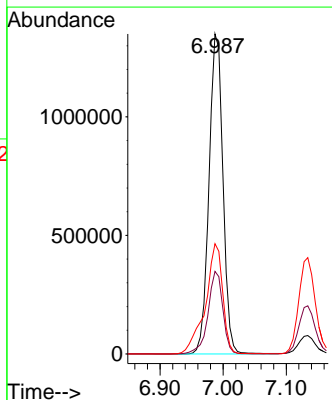
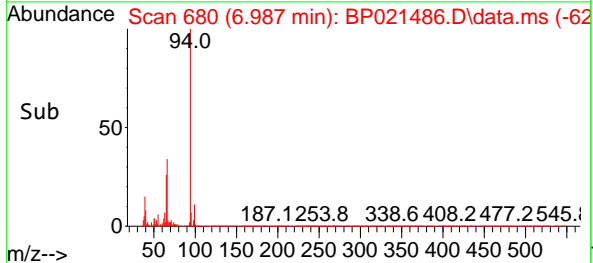
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

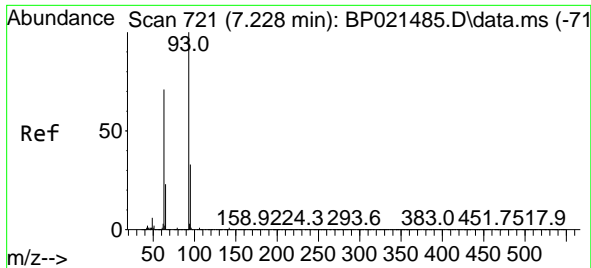


#10
 Phenol
 Concen: 49.628 ng
 RT: 6.987 min Scan# 680
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



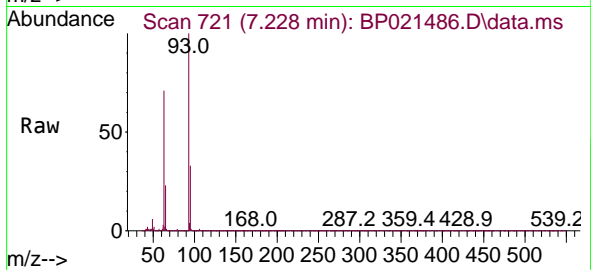
Tgt Ion: 94 Resp: 2070173
 Ion Ratio Lower Upper
 94 100
 65 25.8 6.5 46.5
 66 34.5 14.7 54.7





#11
 bis(2-Chloroethyl)ether
 Concen: 48.789 ng
 RT: 7.228 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC050

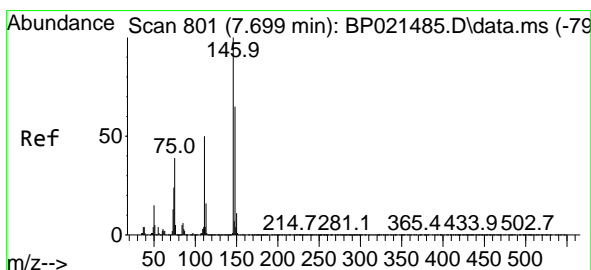
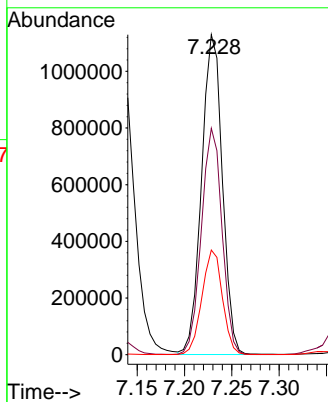
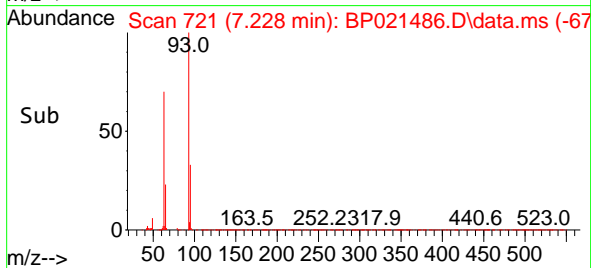


Tgt Ion: 93 Resp: 1722098

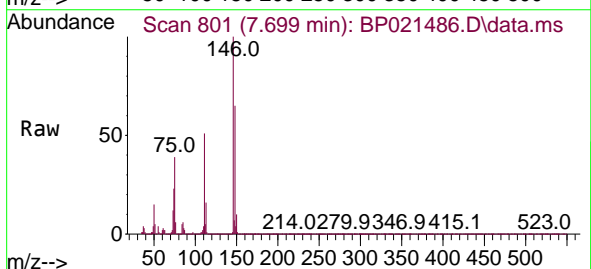
Ion	Ratio	Lower	Upper
93	100		
63	70.8	51.0	91.0
95	32.7	12.9	52.9

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

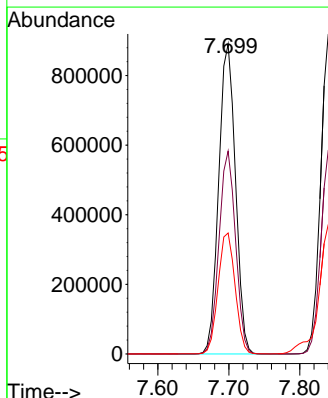
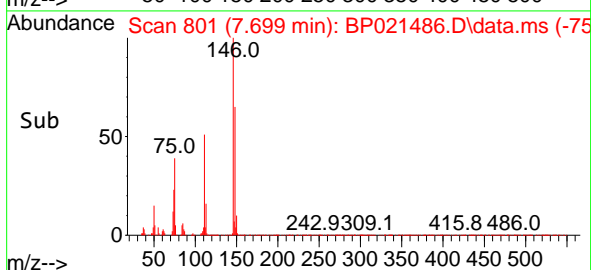


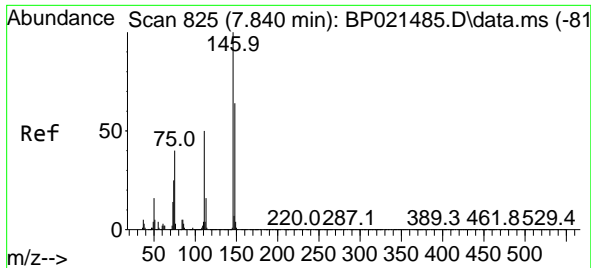
#12
 1,3-Dichlorobenzene
 Concen: 48.079 ng
 RT: 7.699 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



Tgt Ion:146 Resp: 1457386

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.6
75	39.0	31.3	46.9





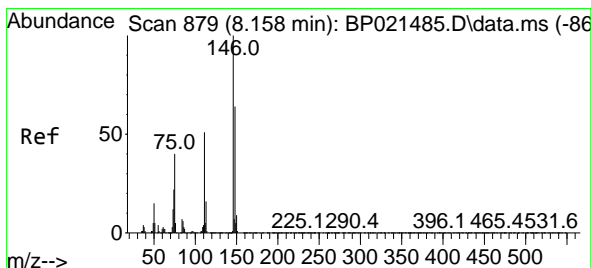
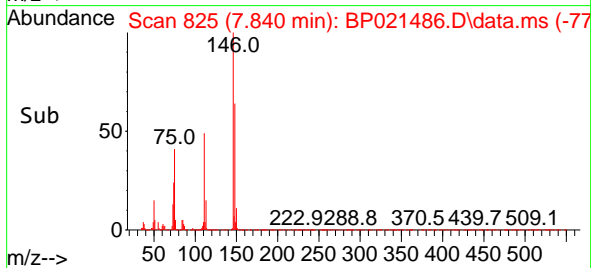
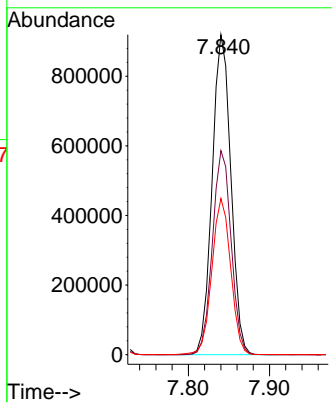
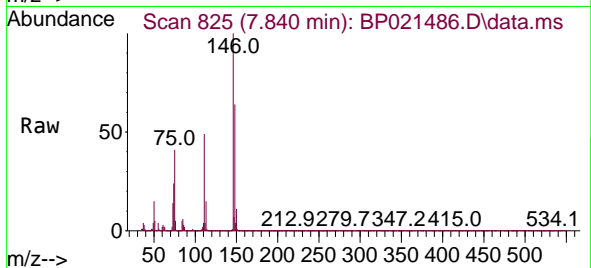
#13
 1,4-Dichlorobenzene
 Concen: 48.044 ng
 RT: 7.840 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Tgt Ion:146 Resp: 147054
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.5 77.3
 111 48.8 40.3 60.5

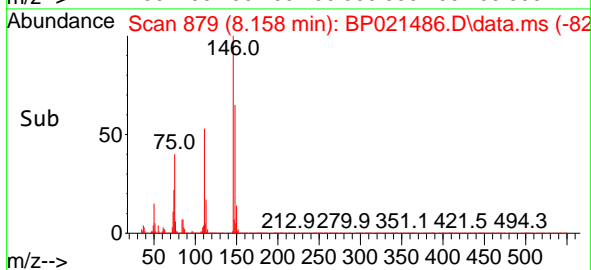
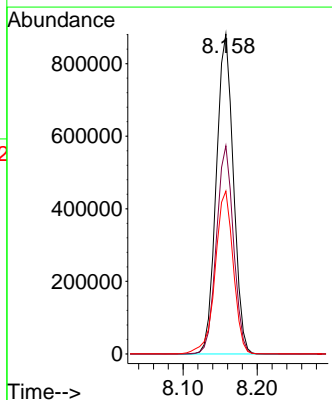
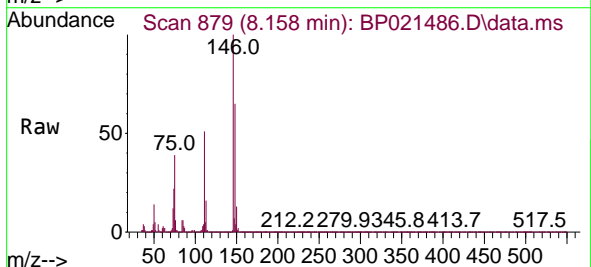
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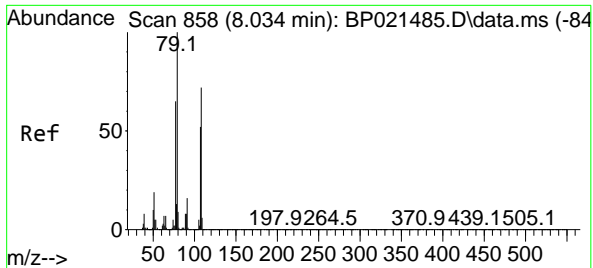
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#14
 1,2-Dichlorobenzene
 Concen: 47.842 ng
 RT: 8.158 min Scan# 879
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

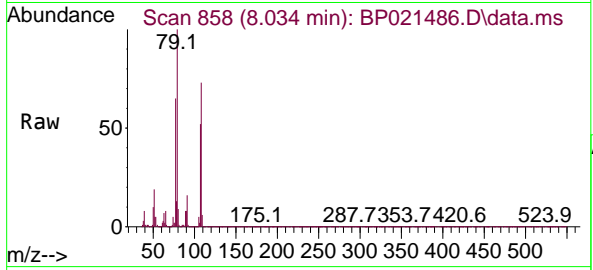
Tgt Ion:146 Resp: 1411170
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.5 77.3
 111 50.9 41.1 61.7





#15
 Benzyl Alcohol
 Concen: 50.255 ng
 RT: 8.034 min Scan# 858
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC050

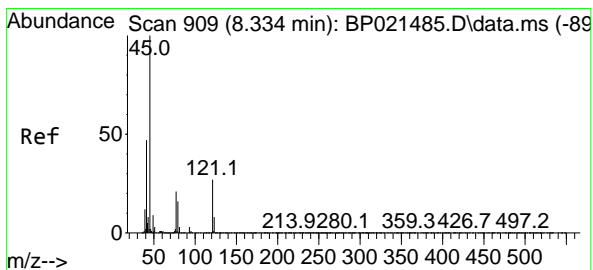
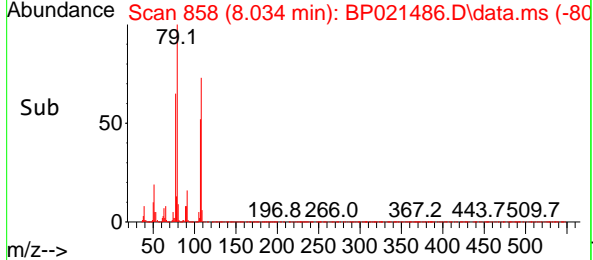
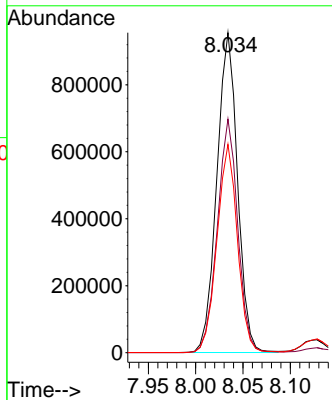


Tgt Ion: 79 Resp: 1452510

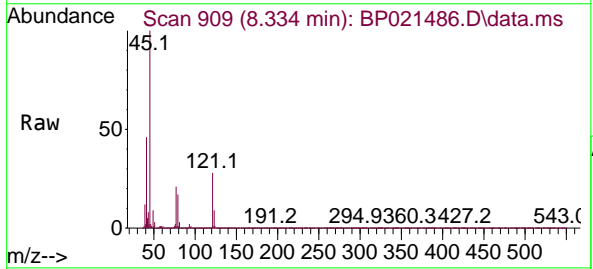
Ion	Ratio	Lower	Upper
79	100		
108	73.0	57.9	86.9
77	65.1	51.8	77.8

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

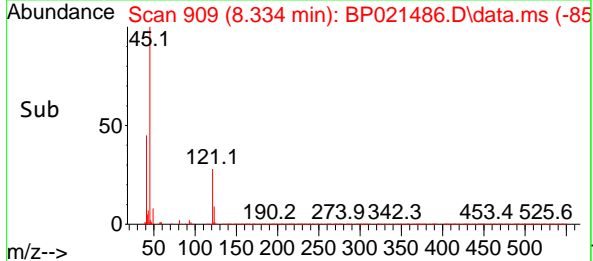
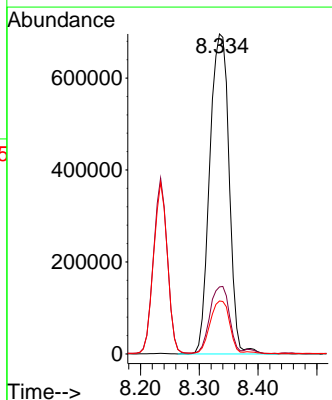


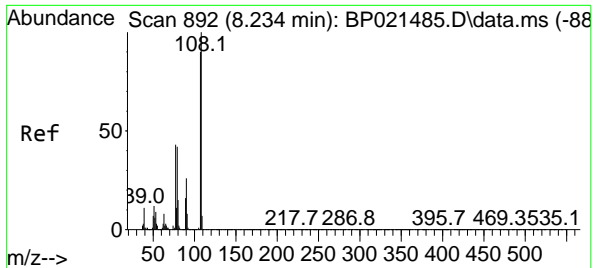
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 48.854 ng
 RT: 8.334 min Scan# 909
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



Tgt Ion: 45 Resp: 1588042

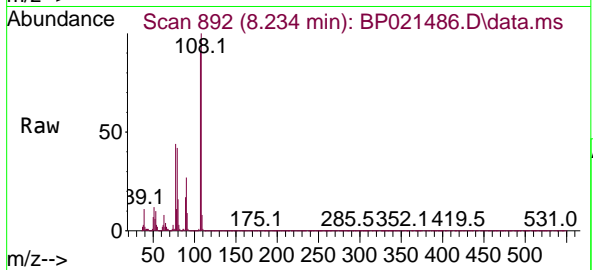
Ion	Ratio	Lower	Upper
45	100		
77	21.0	1.9	41.9
79	16.5	0.0	36.6





#17
 2-Methylphenol
 Concen: 49.632 ng
 RT: 8.234 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument : BNA_P
 Client Sample Id : SSTDICC050

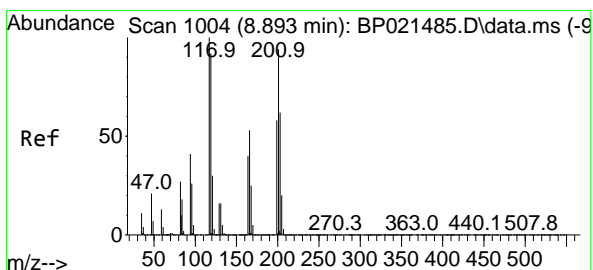
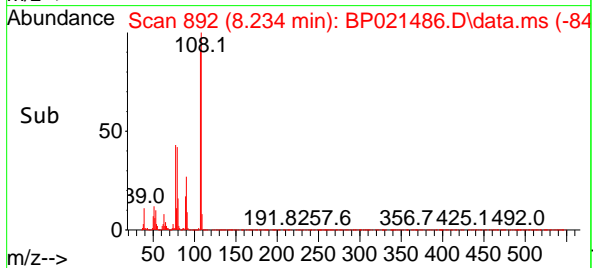
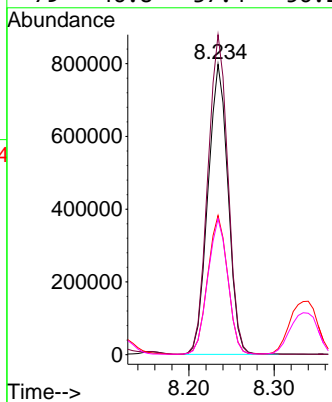


Tgt Ion: 107 Resp: 130885

Ion	Ratio	Lower	Upper
107	100		
108	110.2	88.8	133.2
77	47.9	38.7	58.1
79	46.8	37.4	56.2

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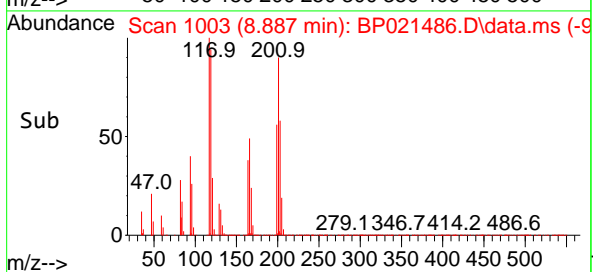
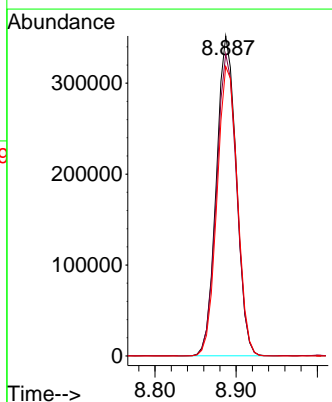
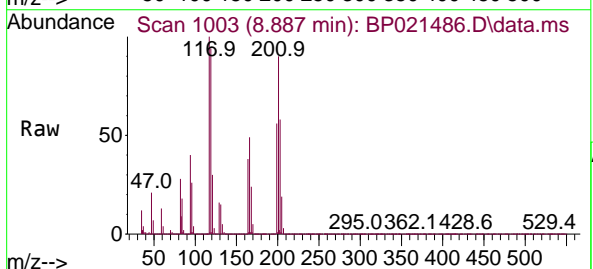
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

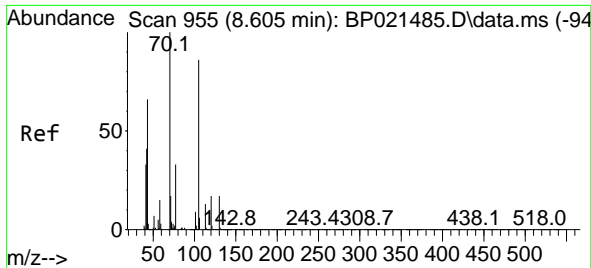


#18
 Hexachloroethane
 Concen: 49.004 ng
 RT: 8.887 min Scan# 1003
 Delta R.T. -0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Tgt Ion: 117 Resp: 601480

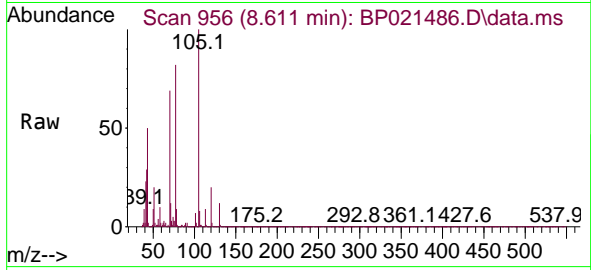
Ion	Ratio	Lower	Upper
117	100		
119	94.4	73.9	110.9
201	90.5	74.9	112.3





#19
 n-Nitroso-di-n-propylamine
 Concen: 48.171 ng
 RT: 8.611 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC050

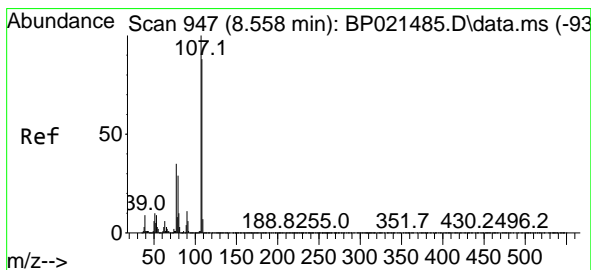
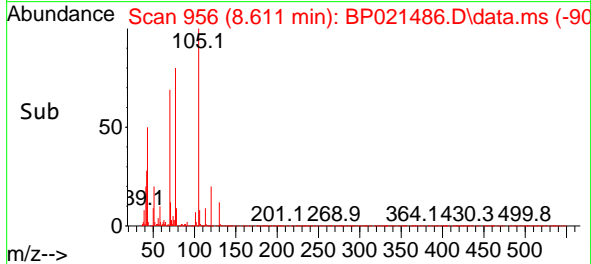
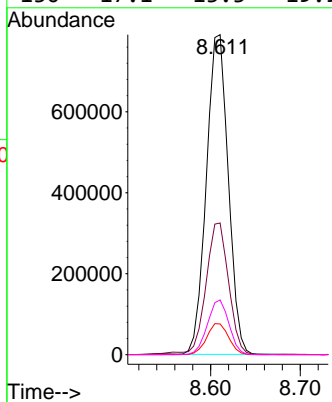


Tgt Ion: 70 Resp: 1340420

Ion	Ratio	Lower	Upper
70	100		
42	41.2	33.1	49.7
101	9.6	7.4	11.2
130	17.1	13.3	19.9

Manual Integrations
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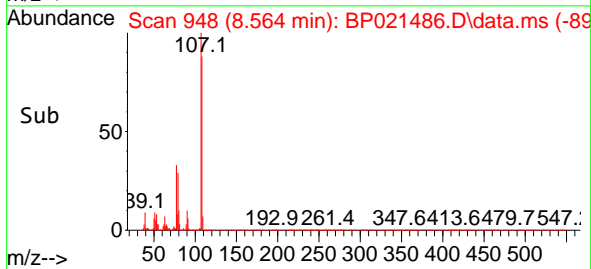
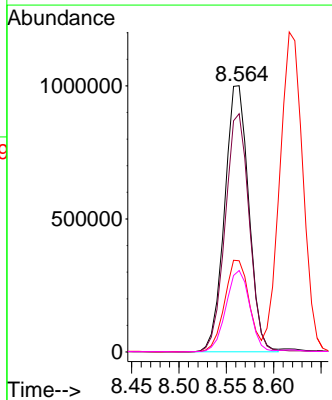
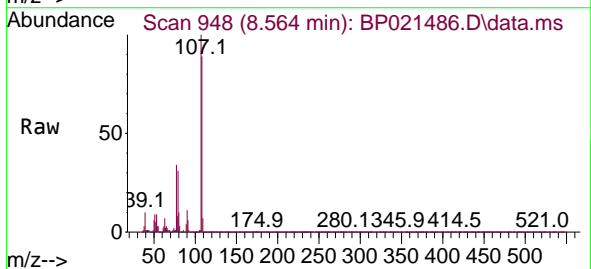
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

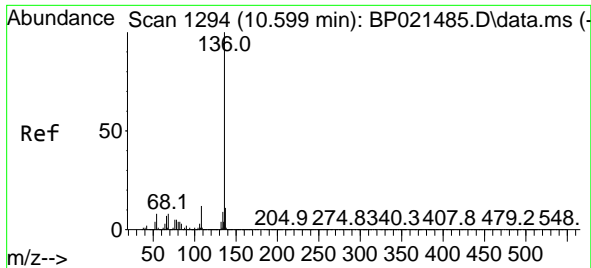


#20
 3+4-Methylphenols
 Concen: 49.982 ng
 RT: 8.564 min Scan# 948
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Tgt Ion:107 Resp: 1777289

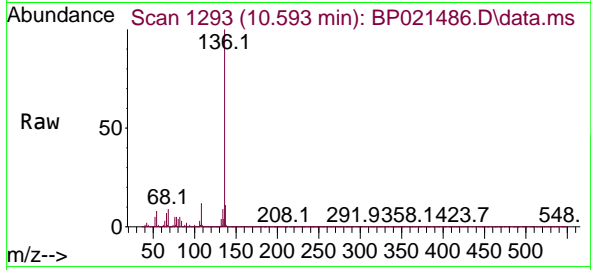
Ion	Ratio	Lower	Upper
107	100		
108	89.5	67.6	107.6
77	34.2	15.0	55.0
79	30.6	8.9	48.9





#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.593 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

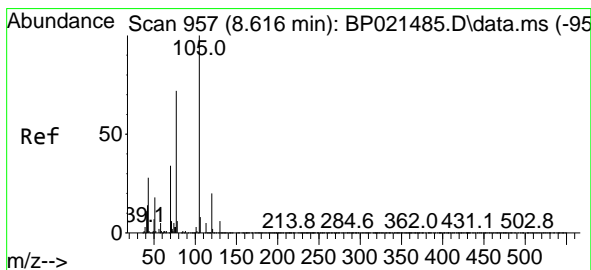
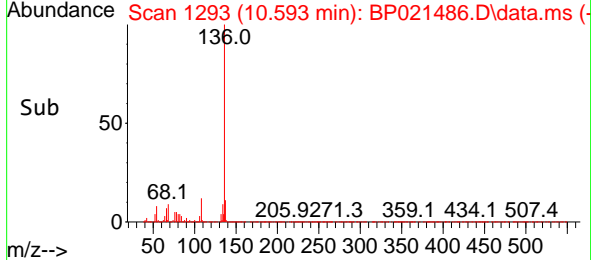
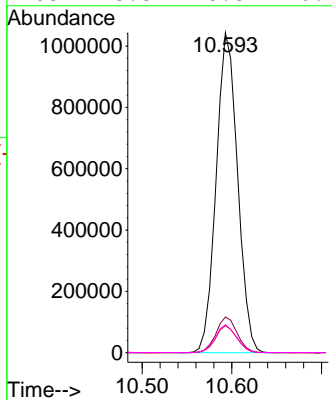
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC050



Tgt Ion: 136 Resp: 1728750

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.5	6.3	9.5
68	8.8	6.8	10.2

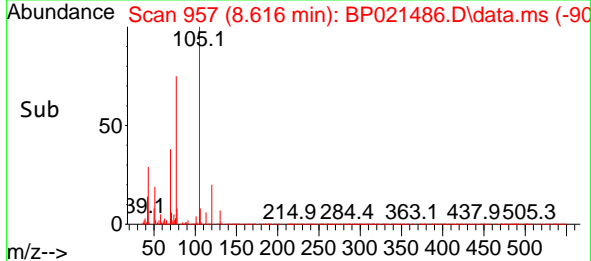
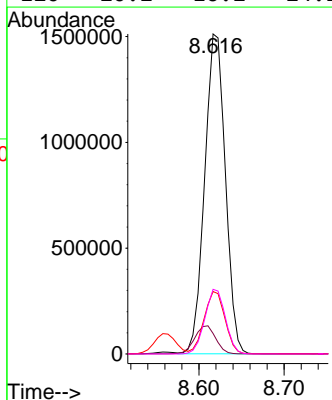
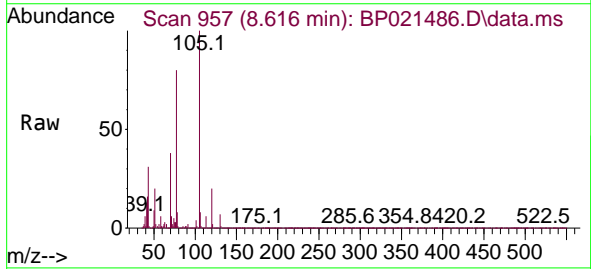
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 Supervised By :mohammad ahmed 08/14/2024

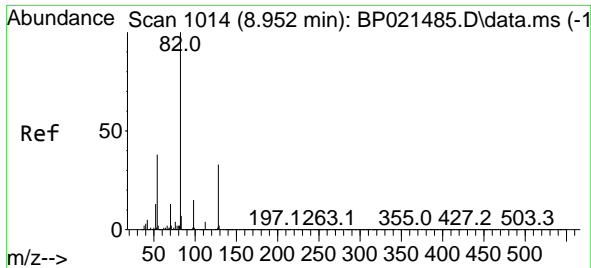


#22
 Acetophenone
 Concen: 48.058 ng
 RT: 8.616 min Scan# 957
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Tgt Ion: 105 Resp: 2552368

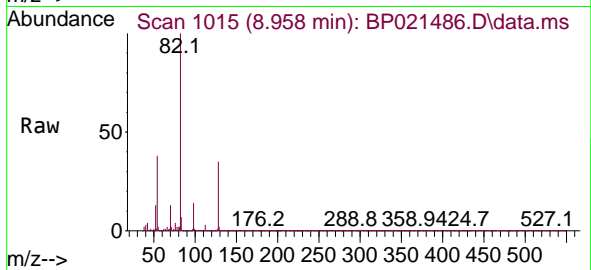
Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.6	7.0
51	19.5	16.3	24.5
120	20.2	16.2	24.2





#23
 Nitrobenzene-d5
 Concen: 106.266 ng
 RT: 8.958 min Scan# 1015
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

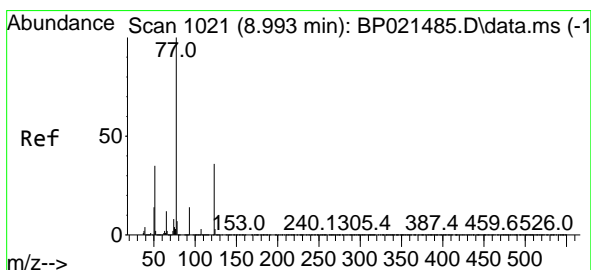
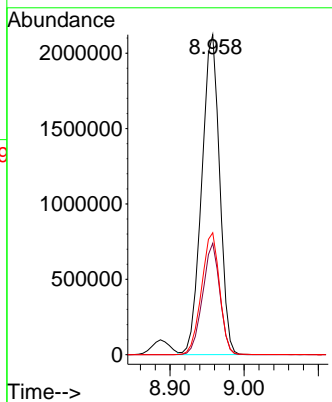
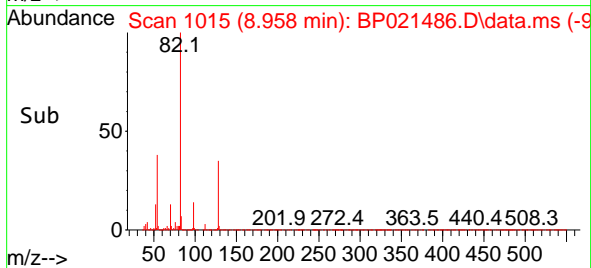
Instrument : BNA_P
 Client Sample Id : SSTDICC050



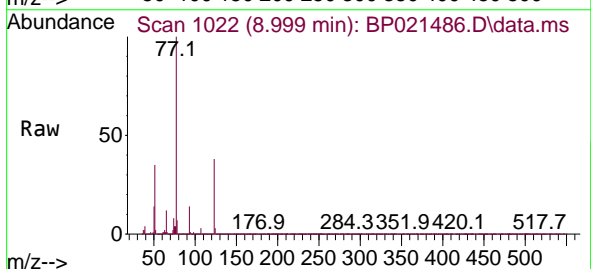
Tgt Ion: 82 Resp: 355921
 Ion Ratio Lower Upper
 82 100
 128 34.8 26.5 39.7
 54 38.1 30.3 45.5

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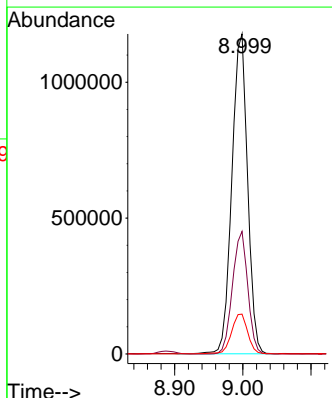
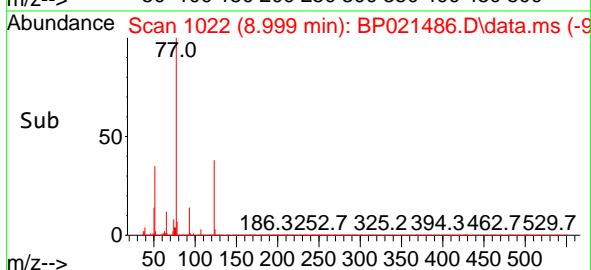
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

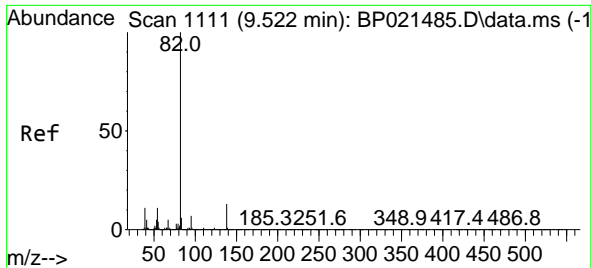


#24
 Nitrobenzene
 Concen: 51.725 ng
 RT: 8.999 min Scan# 1022
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



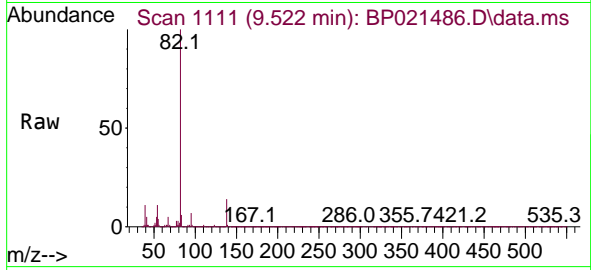
Tgt Ion: 77 Resp: 1881606
 Ion Ratio Lower Upper
 77 100
 123 38.3 29.5 44.3
 65 12.4 9.9 14.9





#25
 Isophorone
 Concen: 47.889 ng
 RT: 9.522 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

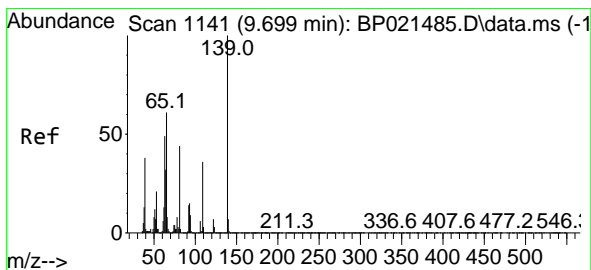
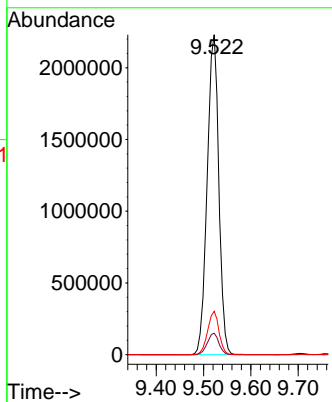
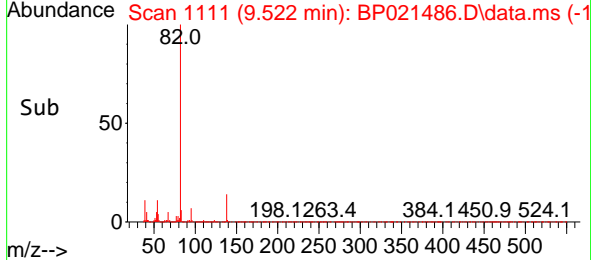
Instrument : BNA_P
 Client Sample Id : SSTDICC050



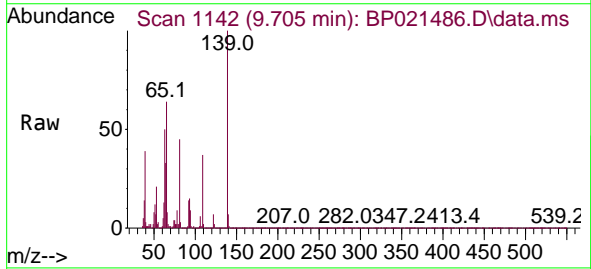
Tgt Ion: 82 Resp: 3789274
 Ion Ratio Lower Upper
 82 100
 95 6.7 5.4 8.2
 138 13.6 10.6 16.0

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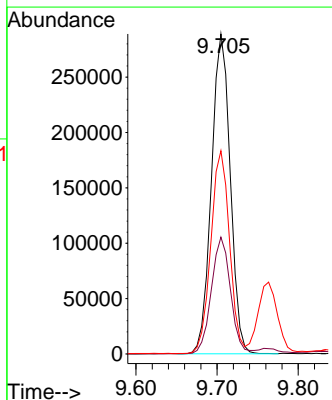
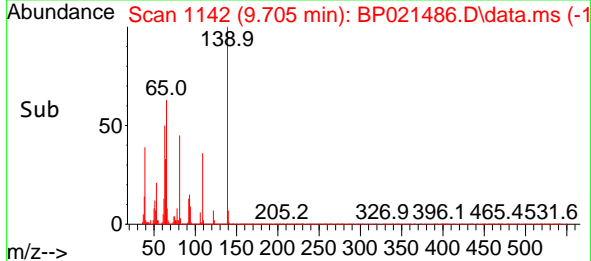
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

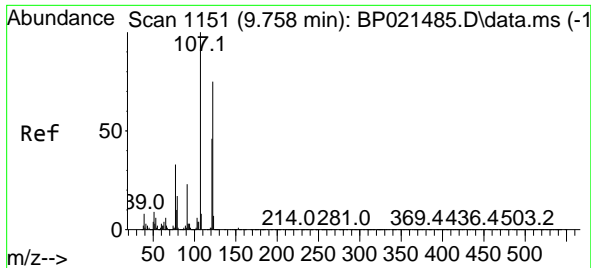


#26
 2-Nitrophenol
 Concen: 49.970 ng
 RT: 9.705 min Scan# 1142
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



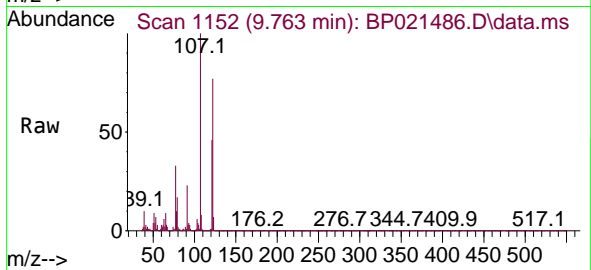
Tgt Ion:139 Resp: 464597
 Ion Ratio Lower Upper
 139 100
 109 36.5 28.9 43.3
 65 63.5 49.0 73.6





#27
 2,4-Dimethylphenol
 Concen: 48.987 ng
 RT: 9.763 min Scan# 1151
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

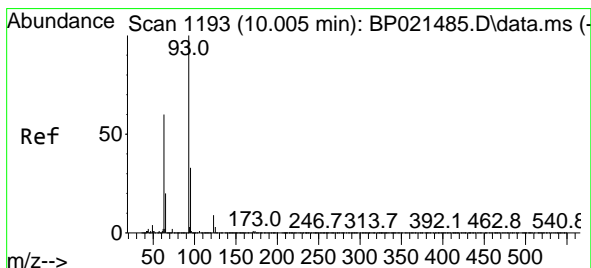
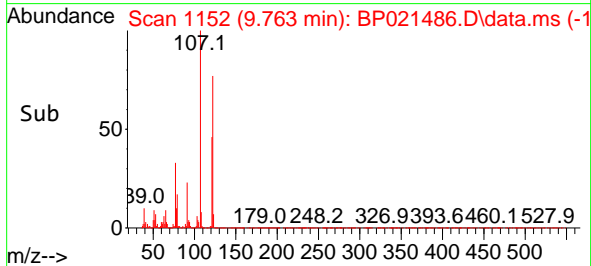
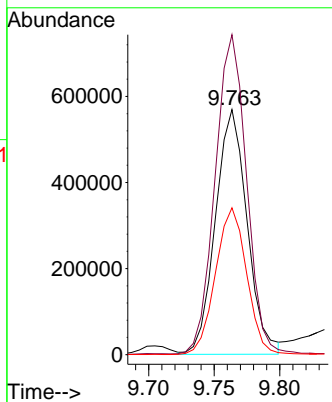
Instrument : BNA_P
 Client Sample Id : SSTDIC050



Tgt Ion: 122 Resp: 95657
 Ion Ratio Lower Upper
 122 100
 107 130.6 106.2 159.4
 121 60.0 48.8 73.2

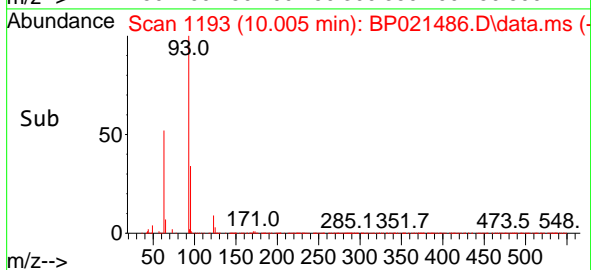
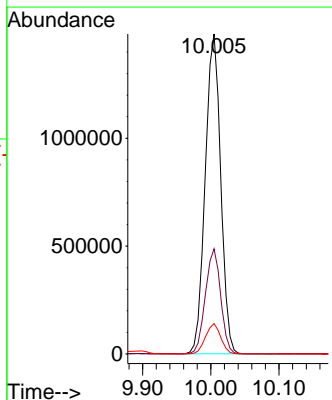
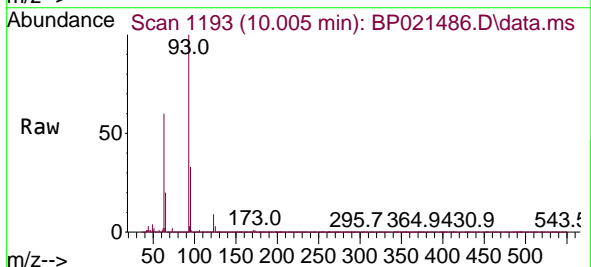
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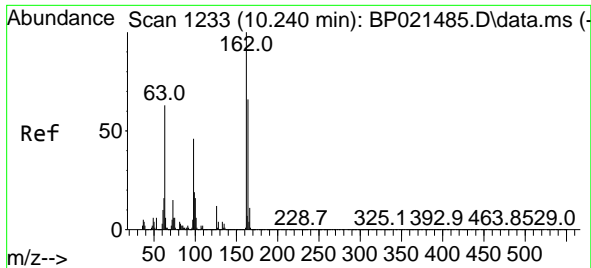
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.504 ng
 RT: 10.005 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Tgt Ion: 93 Resp: 2342749
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.2 39.4
 123 9.5 7.6 11.4





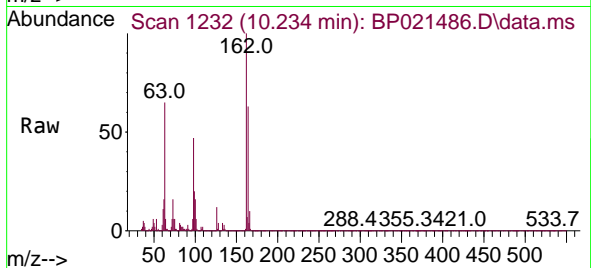
#29
 2,4-Dichlorophenol
 Concen: 51.545 ng
 RT: 10.234 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :

BNA_P

ClientSampleId :

SSTDICC050



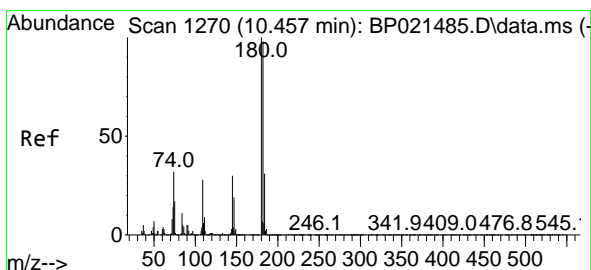
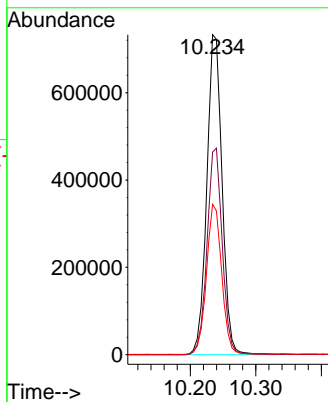
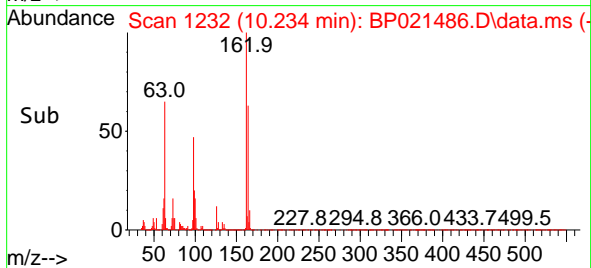
Tgt Ion:162 Resp: 118925
 Ion Ratio Lower Upper
 162 100
 164 63.3 45.9 85.9
 98 47.0 26.3 66.3

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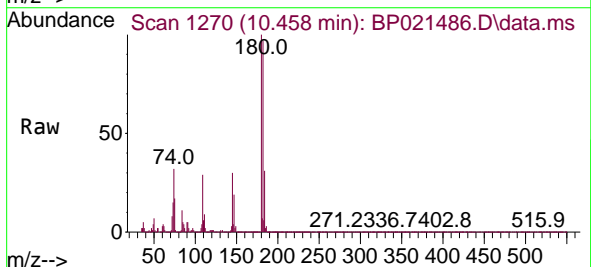
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Reviewed By :Yogesh Patel 08/14/2024

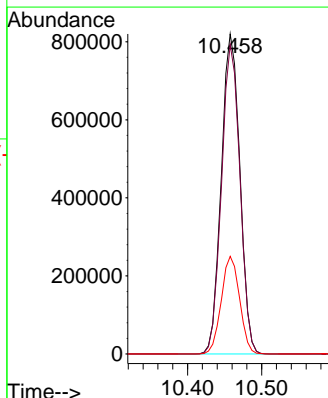
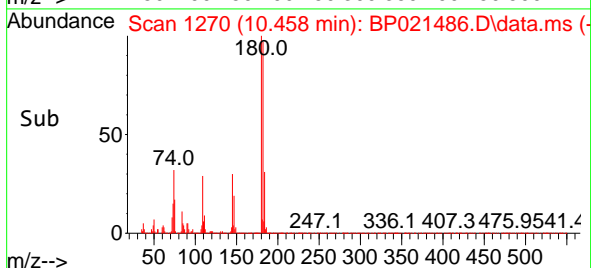
Supervised By :mohammad ahmed 08/14/2024

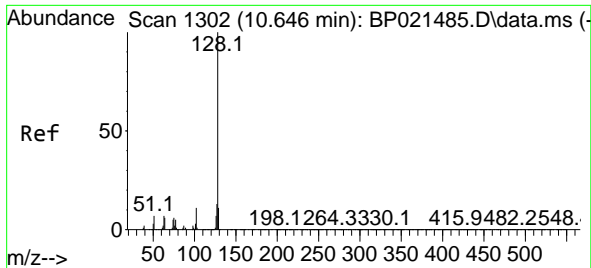


#30
 1,2,4-Trichlorobenzene
 Concen: 48.296 ng
 RT: 10.458 min Scan# 1270
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



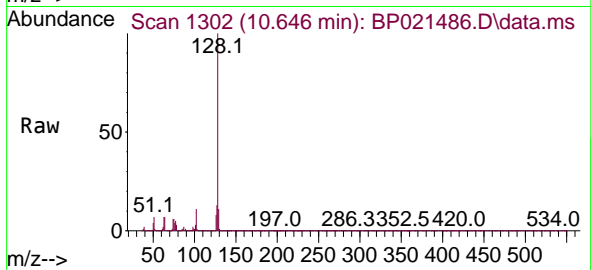
Tgt Ion:180 Resp: 1428575
 Ion Ratio Lower Upper
 180 100
 182 96.7 78.3 117.5
 145 30.5 24.0 36.0





#31
 Naphthalene
 Concen: 47.949 ng
 RT: 10.646 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

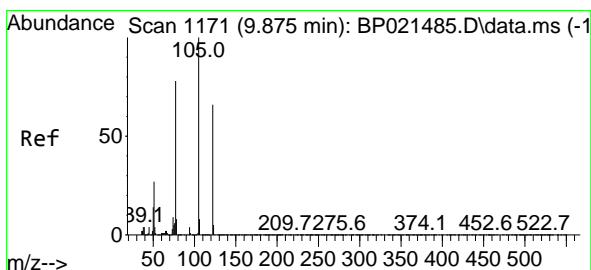
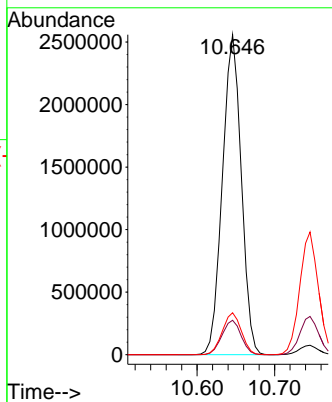
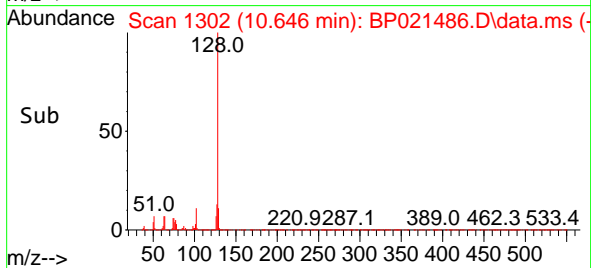
Instrument : BNA_P
 Client Sample Id : SSTDICC050



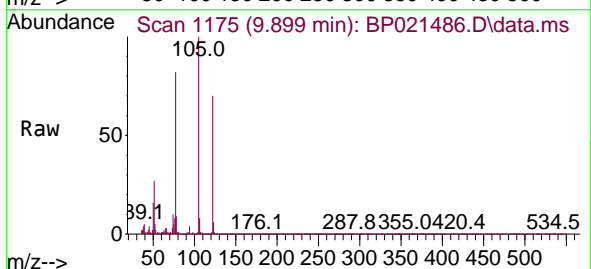
Tgt Ion:128 Resp: 433034
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.6 12.8
 127 13.1 10.6 15.8

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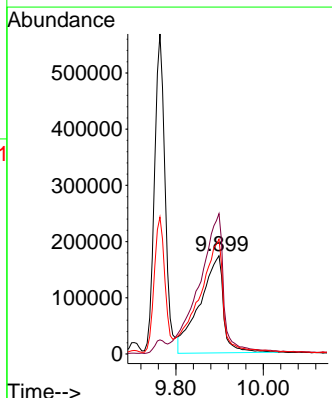
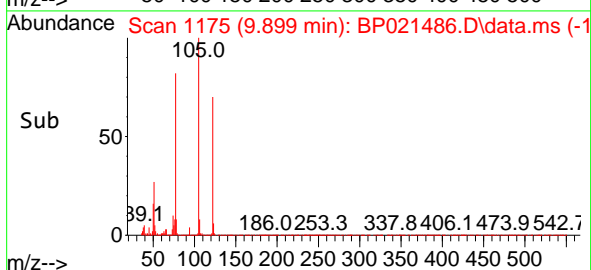
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

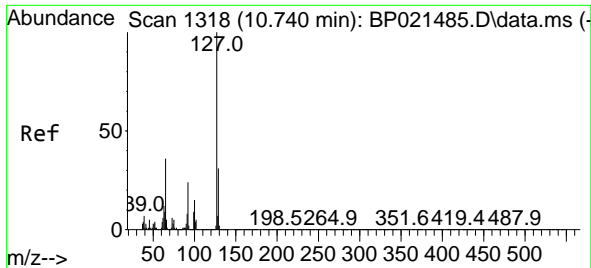


#32
 Benzoic acid
 Concen: 50.213 ng
 RT: 9.899 min Scan# 1175
 Delta R.T. 0.024 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



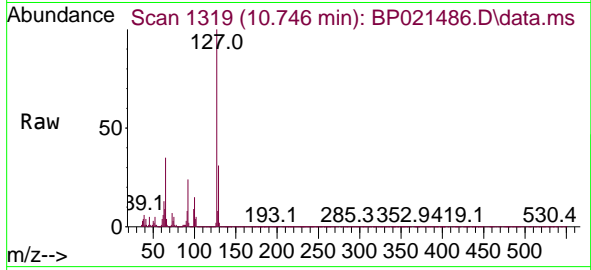
Tgt Ion:122 Resp: 652668
 Ion Ratio Lower Upper
 122 100
 105 142.9 124.6 164.6
 77 116.7 96.2 136.2





#33
 4-Chloroaniline
 Concen: 48.345 ng
 RT: 10.746 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC050

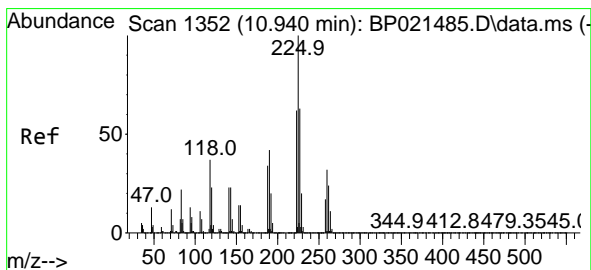
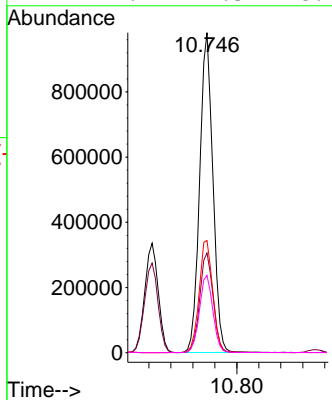
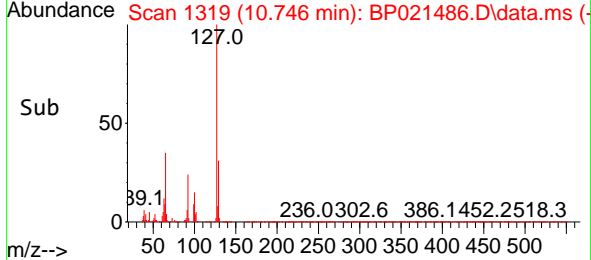


Tgt Ion: 127 Resp: 1640020

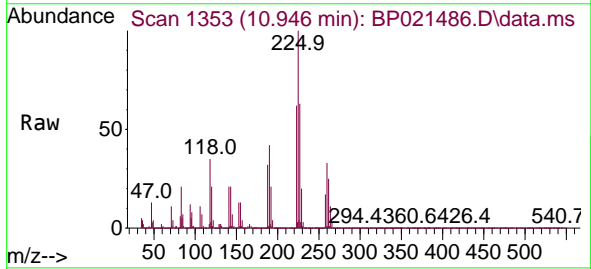
Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.5	36.7
65	35.1	28.9	43.3
92	24.2	19.3	28.9

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

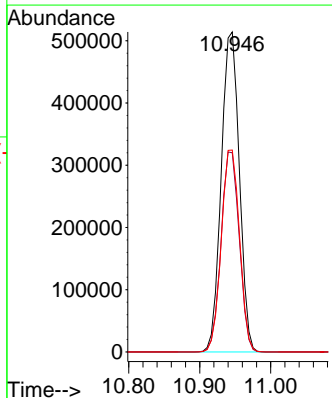
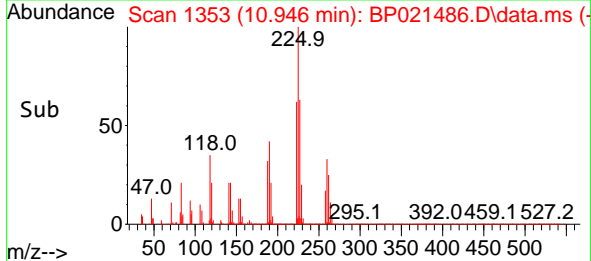


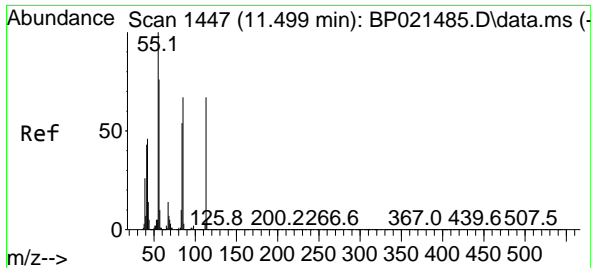
#34
 Hexachlorobutadiene
 Concen: 48.672 ng
 RT: 10.946 min Scan# 1353
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



Tgt Ion: 225 Resp: 906501

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.6	74.4
227	63.1	50.1	75.1





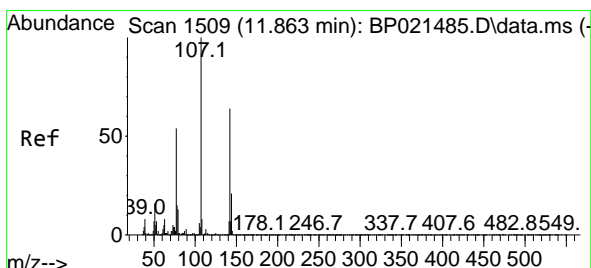
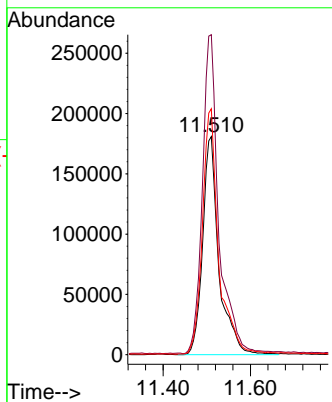
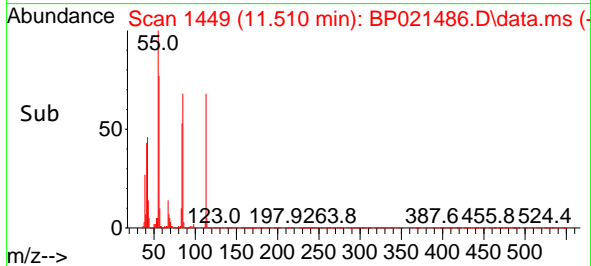
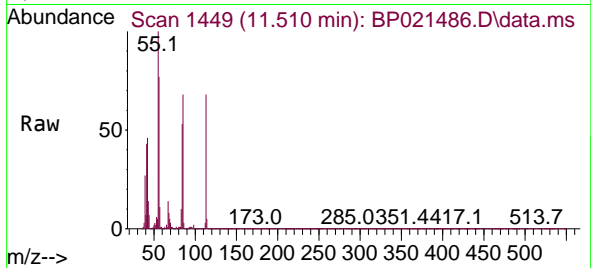
#35
Caprolactam
Concen: 48.850 ng
RT: 11.510 min Scan# 1449
Delta R.T. 0.012 min
Lab File: BP021486.D
Acq: 13 Aug 2024 16:09

Instrument :
BNA_P
Client Sample Id :
SSTDIC050

Tgt Ion:113 Resp: 46907
Ion Ratio Lower Upper
113 100
55 146.7 130.6 170.6
56 112.8 94.6 134.6

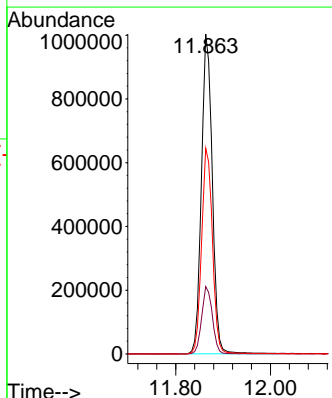
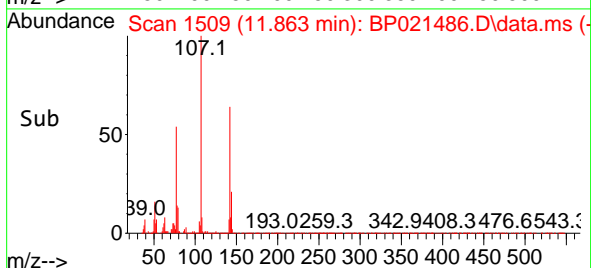
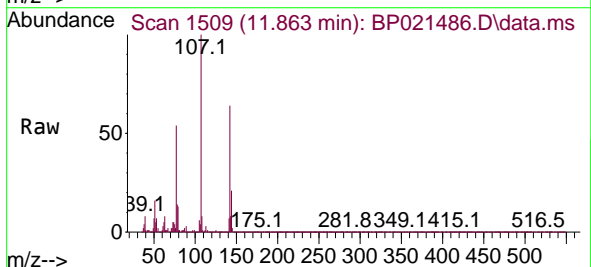
Manual Integrations
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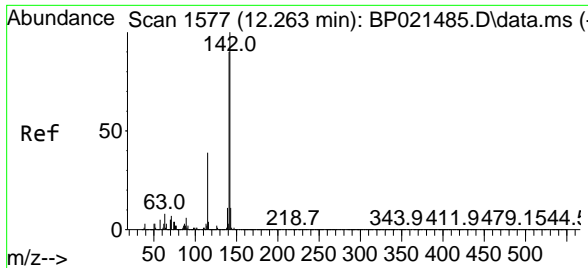
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#36
4-Chloro-3-methylphenol
Concen: 50.008 ng
RT: 11.863 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BP021486.D
Acq: 13 Aug 2024 16:09

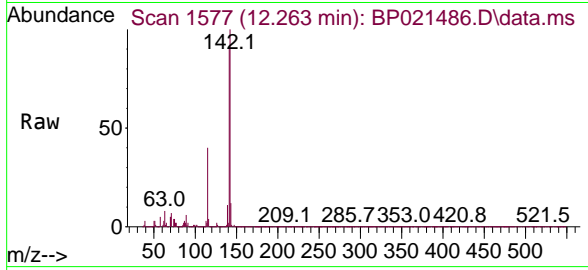
Tgt Ion:107 Resp: 1600490
Ion Ratio Lower Upper
107 100
144 21.0 16.6 24.8
142 64.3 51.0 76.4





#37
 2-Methylnaphthalene
 Concen: 47.872 ng
 RT: 12.263 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

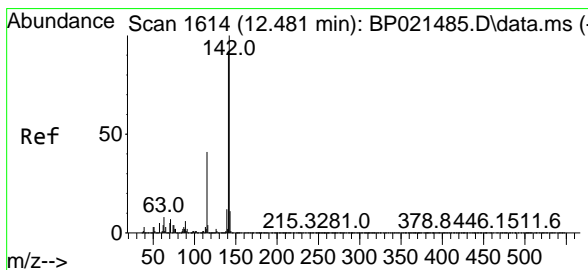
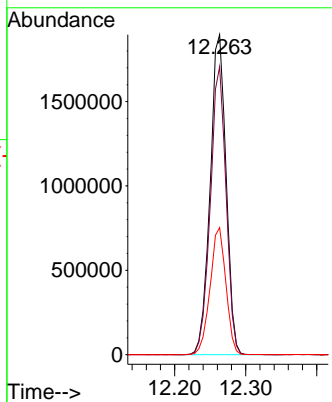
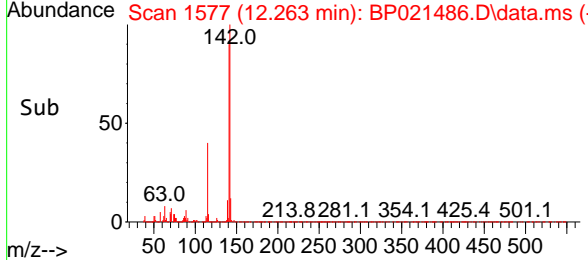


Tgt Ion:142 Resp: 2950679

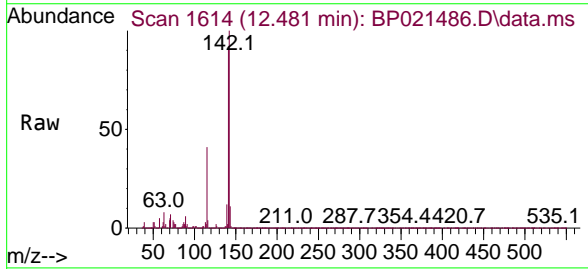
Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.7	107.5
115	39.7	31.4	47.2

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

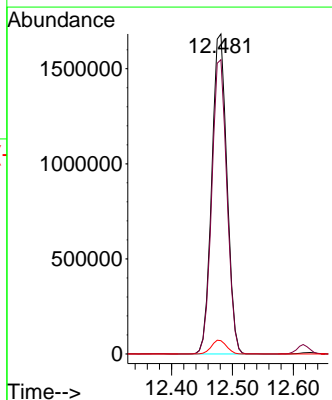
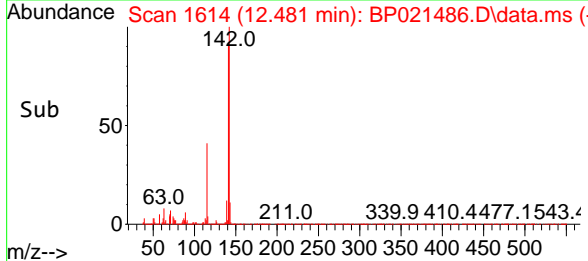


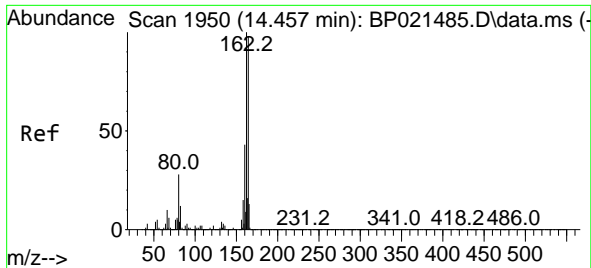
#38
 1-Methylnaphthalene
 Concen: 47.838 ng
 RT: 12.481 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



Tgt Ion:142 Resp: 2908087

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.5	110.3
116	4.2	3.4	5.2





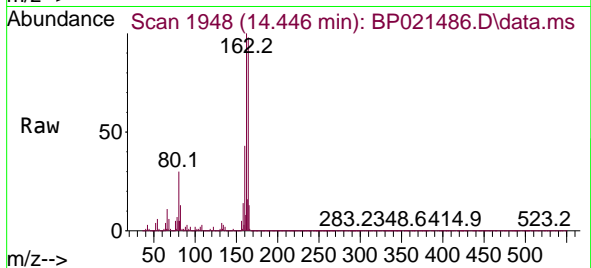
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.446 min Scan# 1950
 Delta R.T. -0.012 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :

BNA_P

Client Sample Id :

SSTDICC050



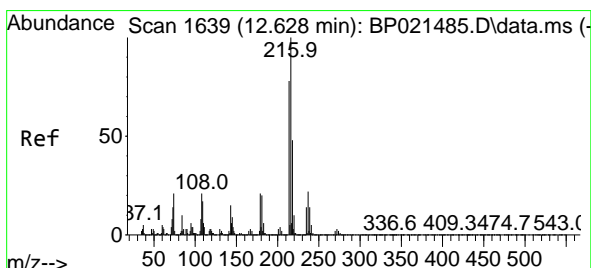
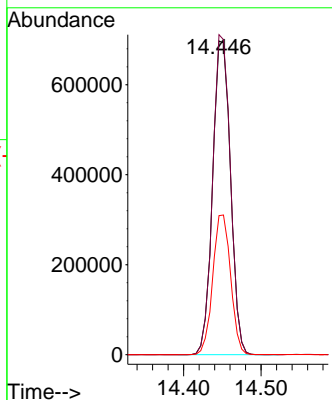
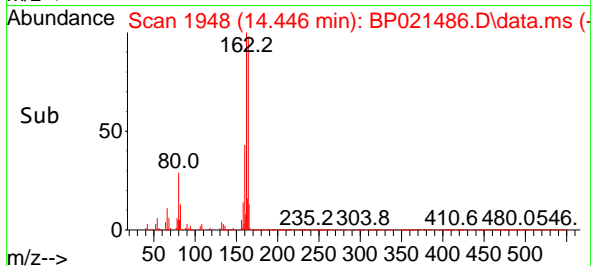
Tgt Ion:164 Resp: 111920
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.5 122.3
 160 44.3 35.2 52.8

Manual Integrations

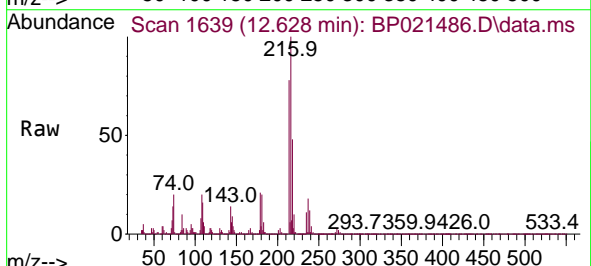
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

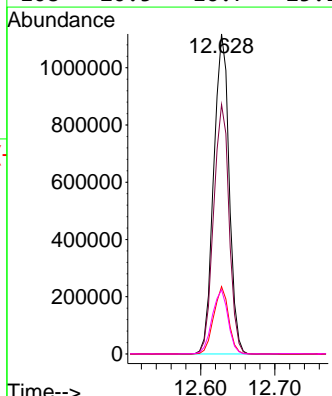
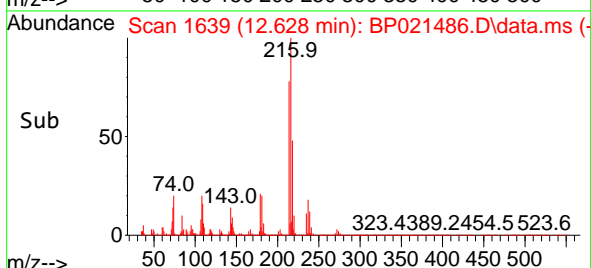
Supervised By :mohammad ahmed 08/14/2024

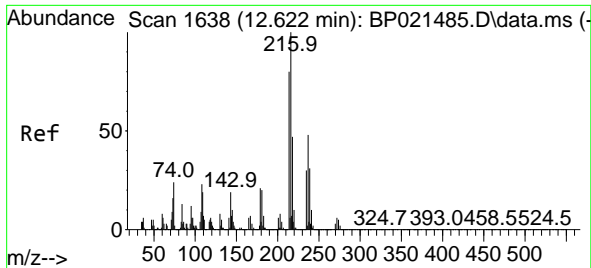


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.332 ng
 RT: 12.628 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



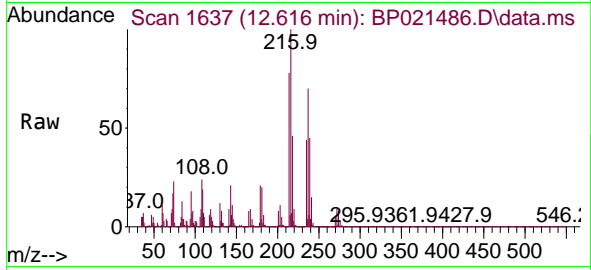
Tgt Ion:216 Resp: 1617735
 Ion Ratio Lower Upper
 216 100
 214 78.1 62.5 93.7
 179 20.3 16.4 24.6
 108 20.5 16.7 25.1





#41
 Hexachlorocyclopentadiene
 Concen: 52.560 ng
 RT: 12.616 min Scan# 1637
 Delta R.T. -0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

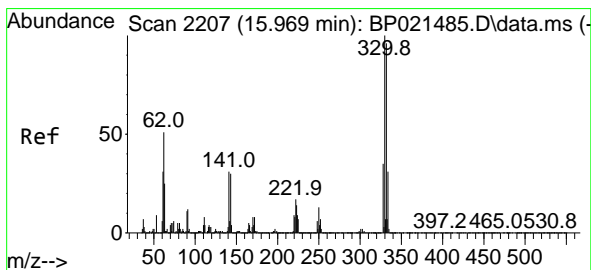
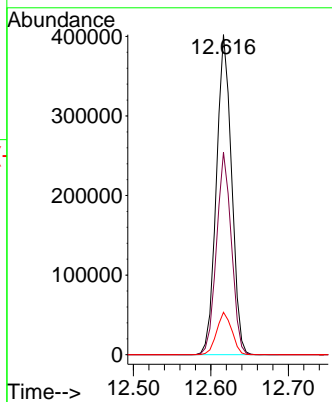
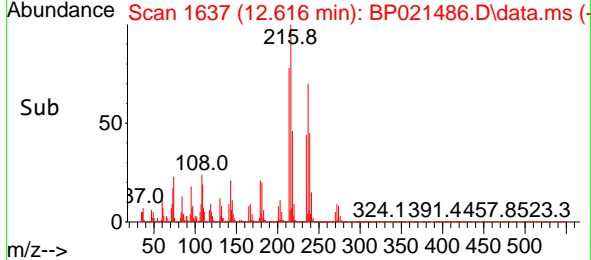
Instrument : BNA_P
 Client Sample Id : SSTDICC050



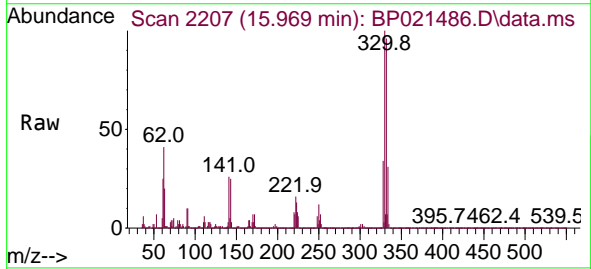
Tgt Ion: 237 Resp: 546269
 Ion Ratio Lower Upper
 237 100
 235 63.3 43.9 83.9
 272 13.2 0.0 33.3

Manual Integrations
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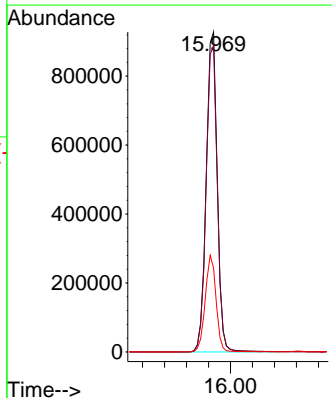
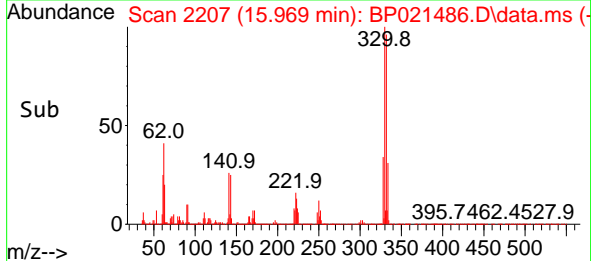
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

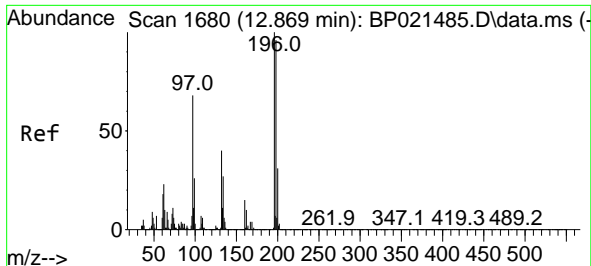


#42
 2,4,6-Tribromophenol
 Concen: 103.974 ng
 RT: 15.969 min Scan# 2207
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



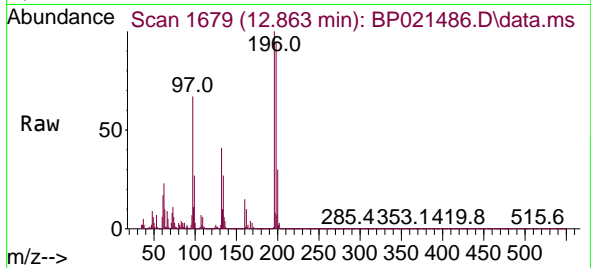
Tgt Ion: 330 Resp: 1295133
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.0
 141 29.8 24.5 36.7





#43
 2,4,6-Trichlorophenol
 Concen: 52.124 ng
 RT: 12.863 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

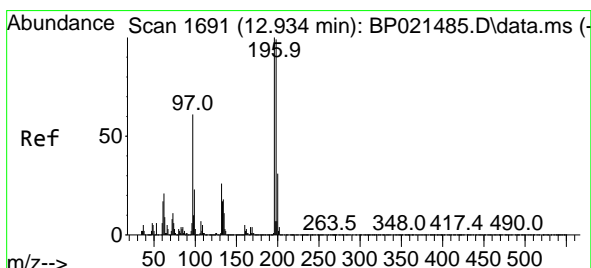
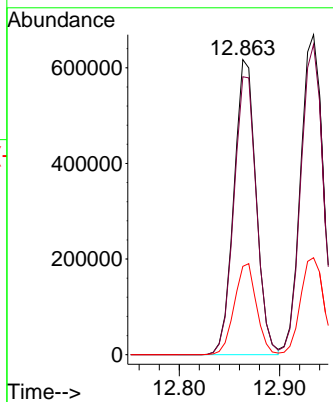
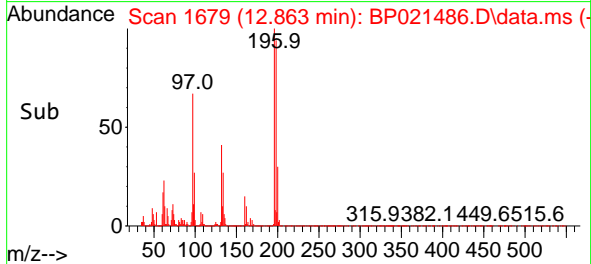
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050



Tgt Ion:196 Resp: 949480
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.6 114.8
 200 30.0 24.5 36.7

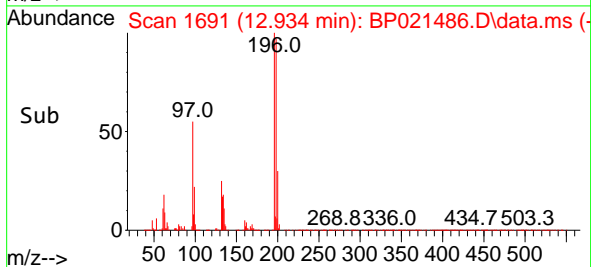
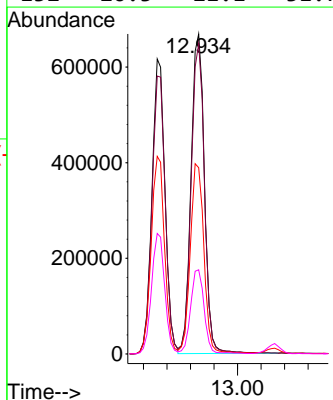
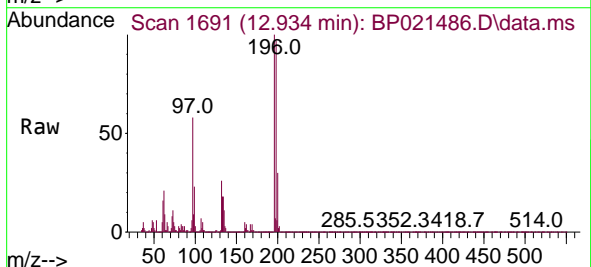
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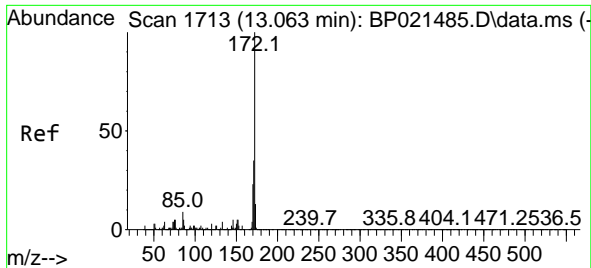
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#44
 2,4,5-Trichlorophenol
 Concen: 52.191 ng
 RT: 12.934 min Scan# 1691
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

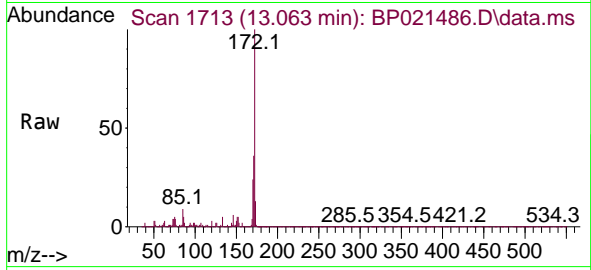
Tgt Ion:196 Resp: 1056277
 Ion Ratio Lower Upper
 196 100
 198 97.0 78.9 118.3
 97 58.2 49.4 74.0
 132 26.3 21.1 31.7





#45
 2-Fluorobiphenyl
 Concen: 96.455 ng
 RT: 13.063 min Scan# 1713
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument : BNA_P
 Client Sample Id : SSTDICC050

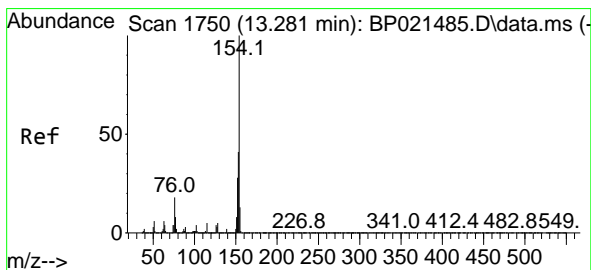
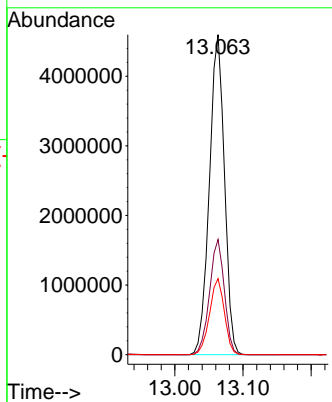
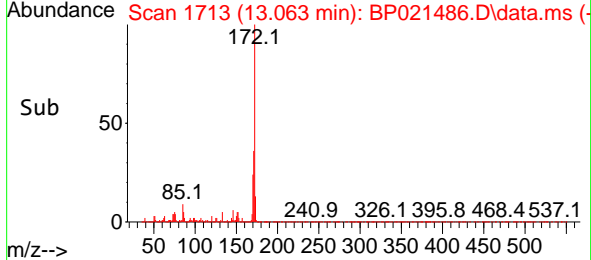


Tgt Ion: 172 Resp: 7073510

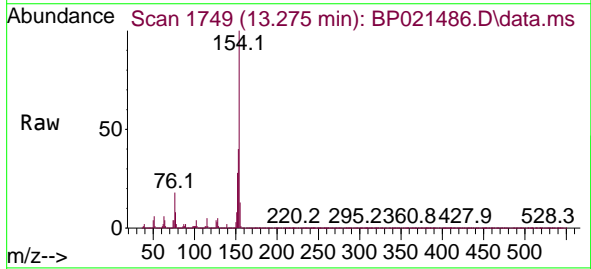
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	23.8	18.4	27.6

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

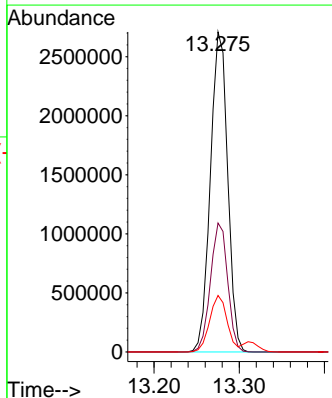
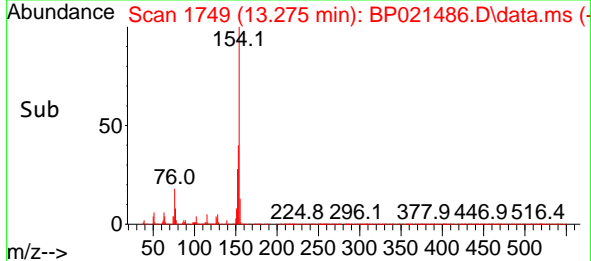


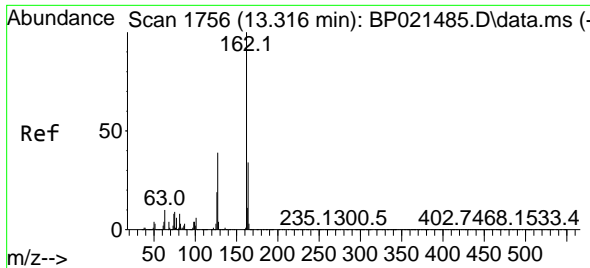
#46
 1,1'-Biphenyl
 Concen: 48.139 ng
 RT: 13.275 min Scan# 1749
 Delta R.T. -0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



Tgt Ion: 154 Resp: 3811862

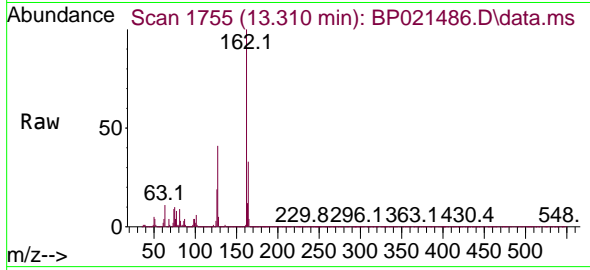
Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.7	60.7
76	17.6	0.0	37.7





#47
 2-Chloronaphthalene
 Concen: 48.332 ng
 RT: 13.310 min Scan# 1755
 Delta R.T. -0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument : BNA_P
 Client Sample Id : SSTDICC050

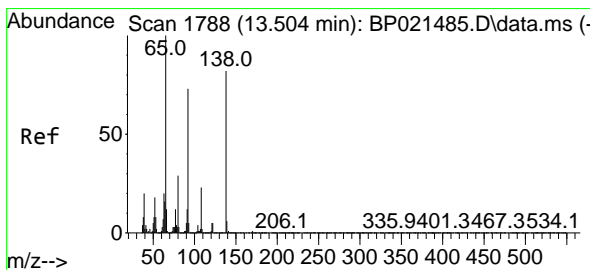
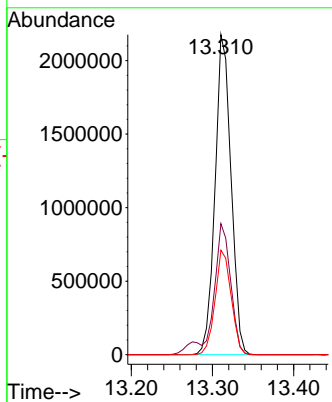
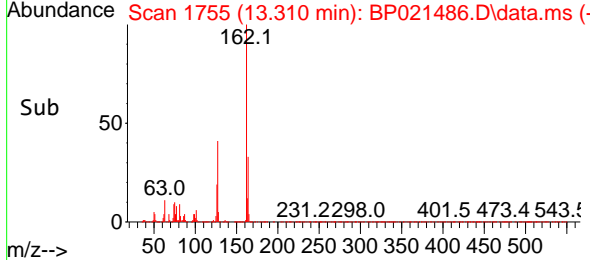


Tgt Ion: 162 Resp: 297955

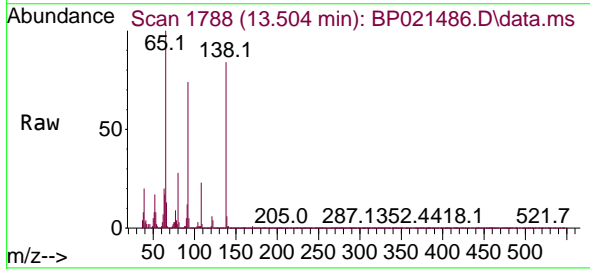
Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.9	47.9
164	32.7	26.8	40.2

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

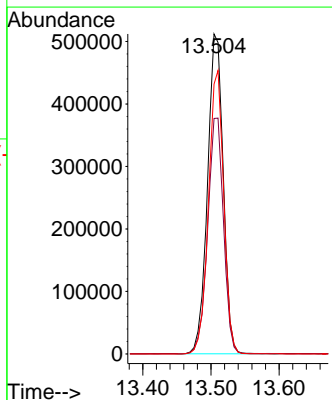
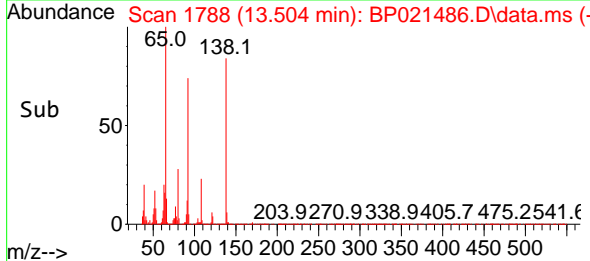


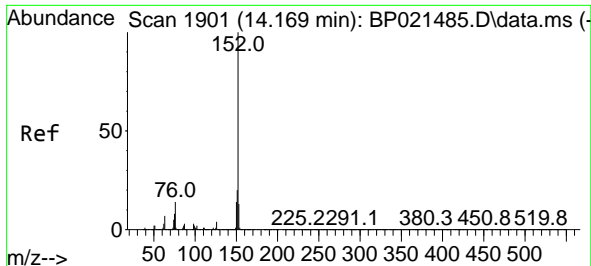
#48
 2-Nitroaniline
 Concen: 47.603 ng
 RT: 13.504 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



Tgt Ion: 65 Resp: 821676

Ion	Ratio	Lower	Upper
65	100		
92	73.6	58.1	87.1
138	84.3	65.5	98.3





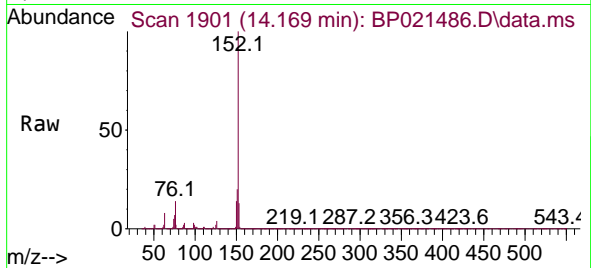
#49
 Acenaphthylene
 Concen: 48.190 ng
 RT: 14.169 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :

BNA_P

Client Sample Id :

SSTDICC050



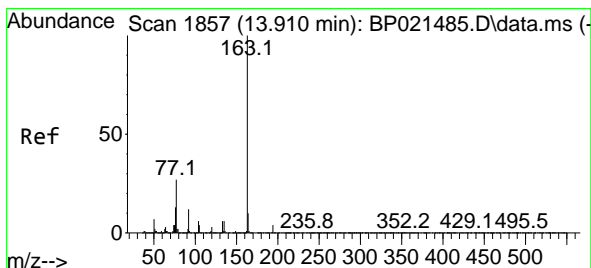
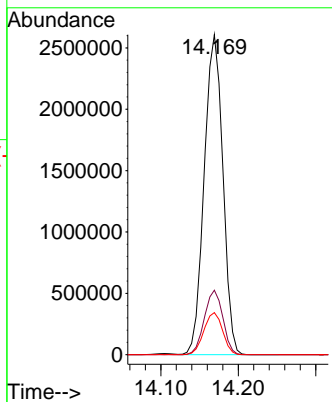
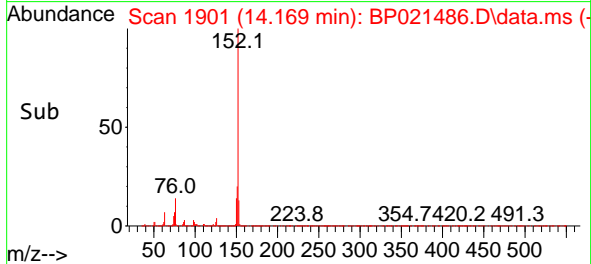
Tgt Ion:152 Resp: 436722
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.9 23.9
 153 13.2 10.6 16.0

Manual Integrations

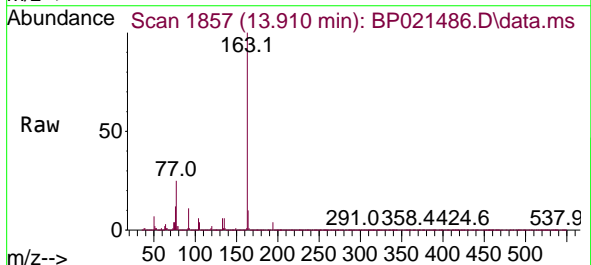
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

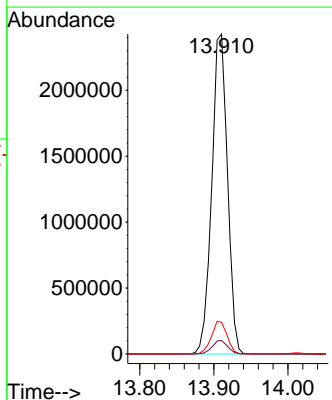
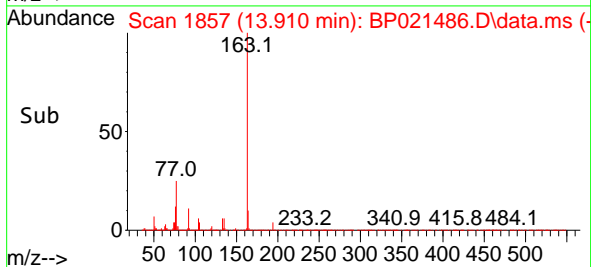
Supervised By :mohammad ahmed 08/14/2024

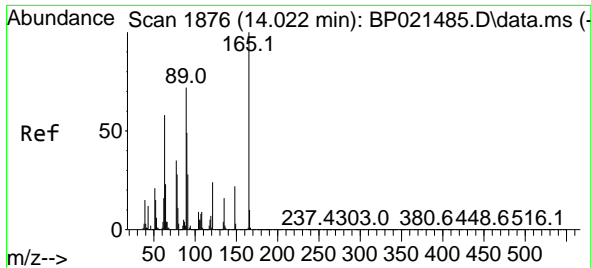


#50
 Dimethylphthalate
 Concen: 47.620 ng
 RT: 13.910 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



Tgt Ion:163 Resp: 3569162
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.3 4.9
 164 9.9 8.3 12.5





#51
 2,6-Dinitrotoluene
 Concen: 48.330 ng
 RT: 14.010 min Scan# 1874
 Delta R.T. -0.012 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

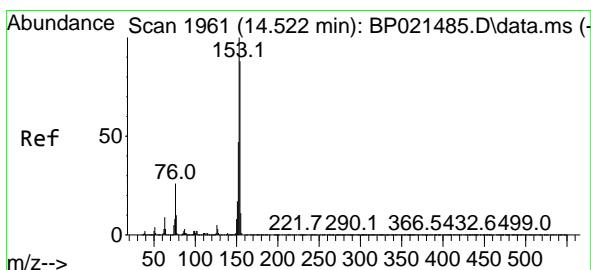
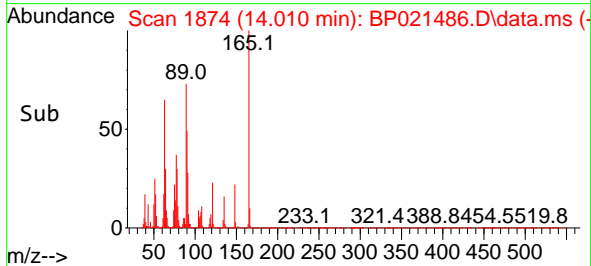
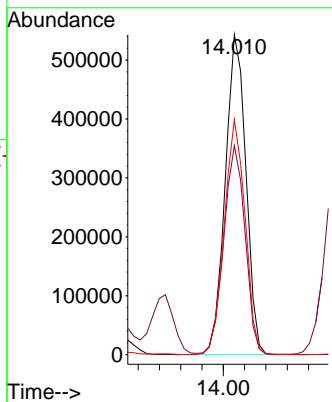
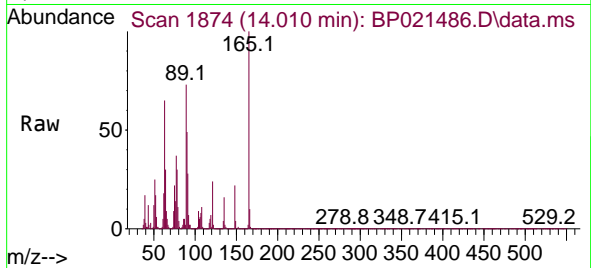
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC050

Tgt Ion:165 Resp: 73126

Ion	Ratio	Lower	Upper
165	100		
63	65.3	51.5	77.3
89	73.4	57.8	86.8

Manual Integrations
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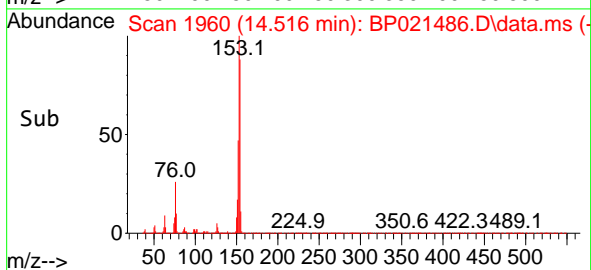
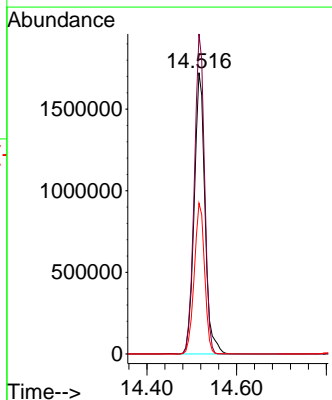
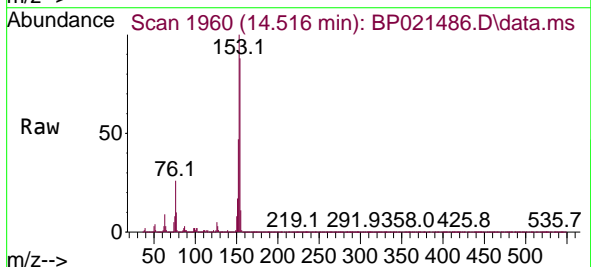
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

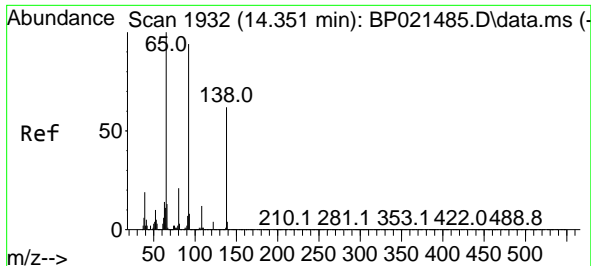


#52
 Acenaphthene
 Concen: 48.126 ng
 RT: 14.516 min Scan# 1960
 Delta R.T. -0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Tgt Ion:154 Resp: 2861701

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.1	136.7
152	53.6	43.0	64.4





#53
 3-Nitroaniline
 Concen: 47.788 ng
 RT: 14.340 min Scan# 1930
 Delta R.T. -0.011 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :

BNA_P

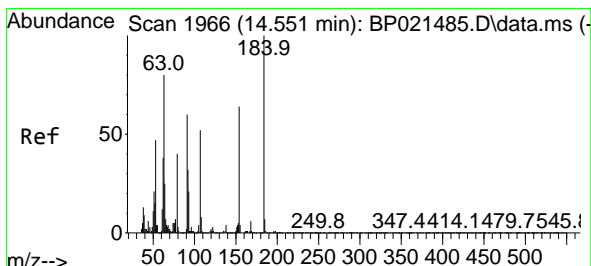
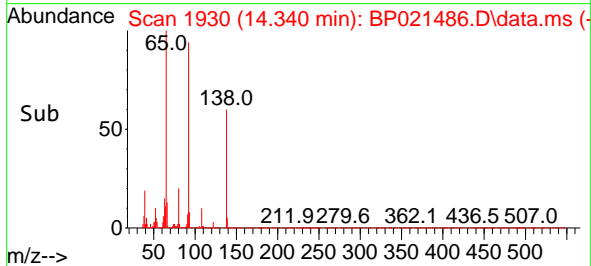
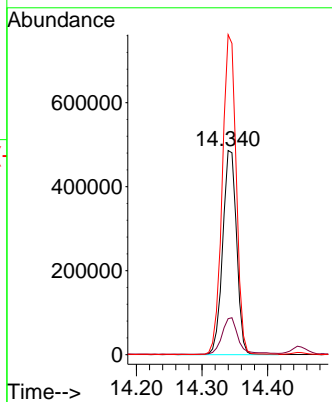
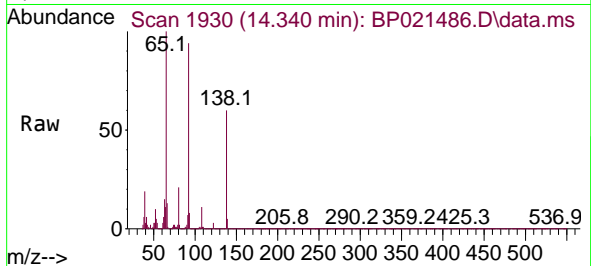
ClientSampleId :

SSTDICC050

Tgt Ion:138 Resp: 71010
 Ion Ratio Lower Upper
 138 100
 108 17.7 16.2 24.4
 92 156.7 122.2 183.4

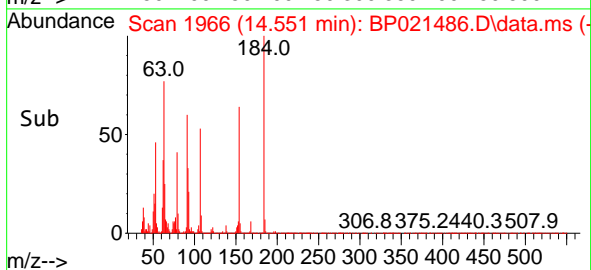
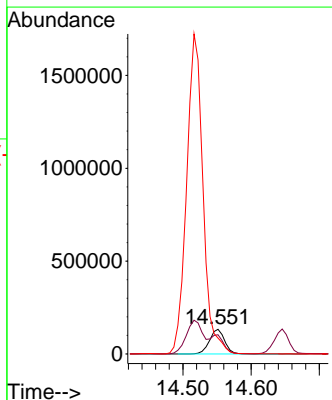
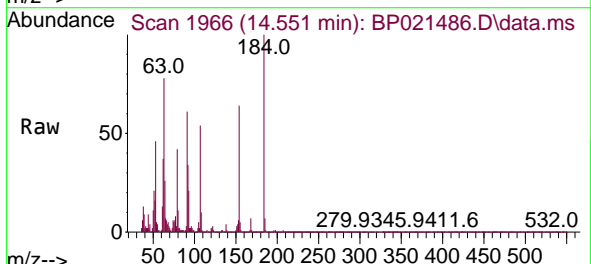
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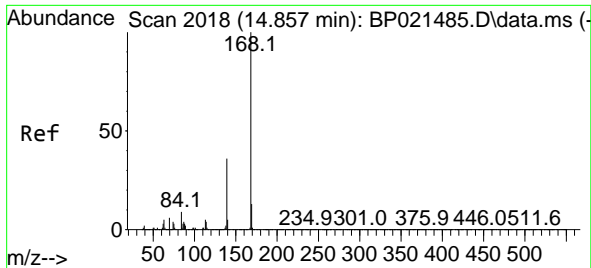
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#54
 2,4-Dinitrophenol
 Concen: 49.369 ng
 RT: 14.551 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

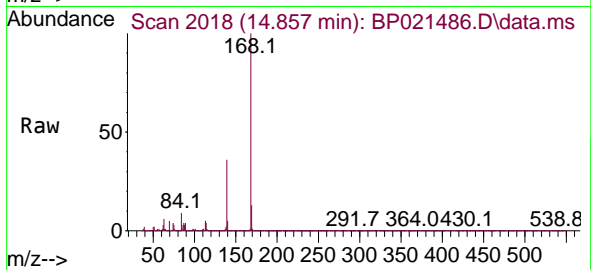
Tgt Ion:184 Resp: 205628
 Ion Ratio Lower Upper
 184 100
 63 77.6 64.9 97.3
 154 64.3 52.1 78.1





#55
 Dibenzofuran
 Concen: 47.811 ng
 RT: 14.857 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

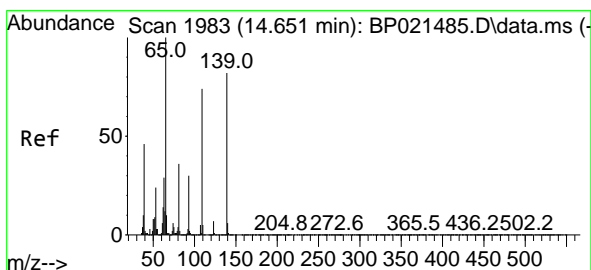
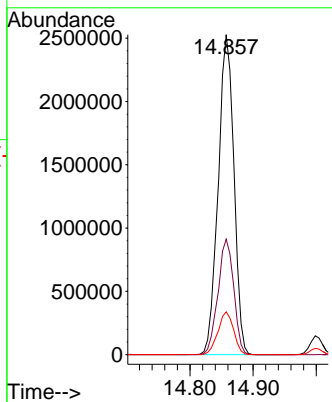
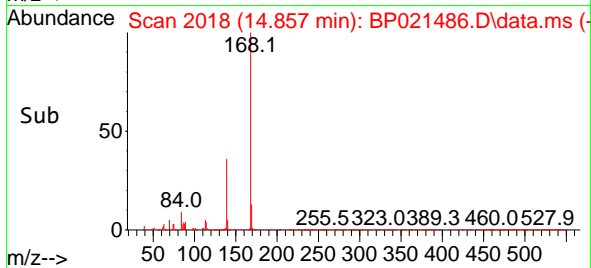
Instrument : BNA_P
 Client Sample Id : SSTDICC050



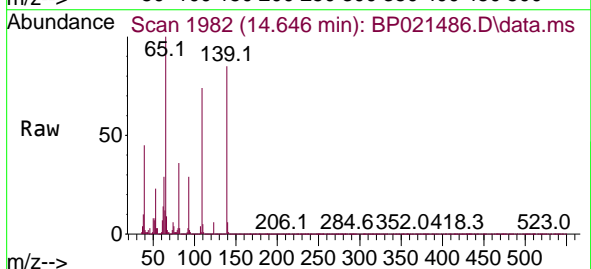
Tgt Ion:168 Resp: 437340
 Ion Ratio Lower Upper
 168 100
 139 36.1 28.6 43.0
 169 13.4 10.6 16.0

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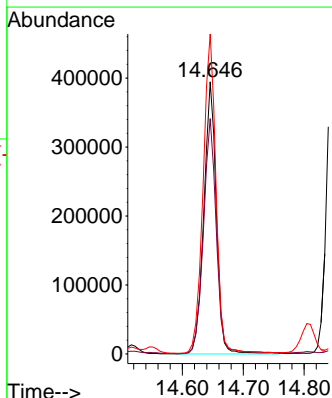
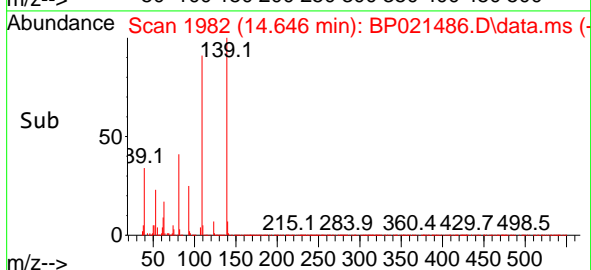
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

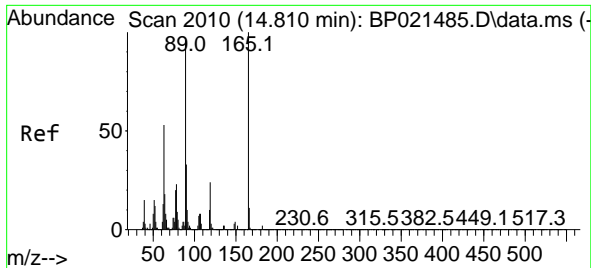


#56
 4-Nitrophenol
 Concen: 47.429 ng
 RT: 14.646 min Scan# 1982
 Delta R.T. -0.005 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



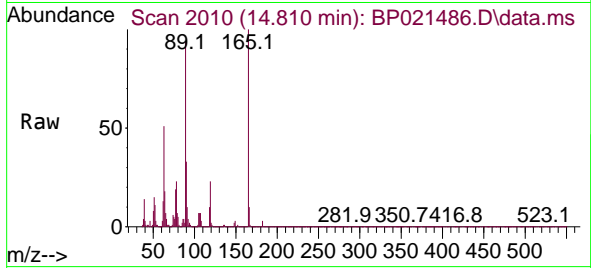
Tgt Ion:139 Resp: 562138
 Ion Ratio Lower Upper
 139 100
 109 86.5 70.2 110.2
 65 117.6 101.8 141.8





#57
 2,4-Dinitrotoluene
 Concen: 47.777 ng
 RT: 14.810 min Scan# 2010
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC050

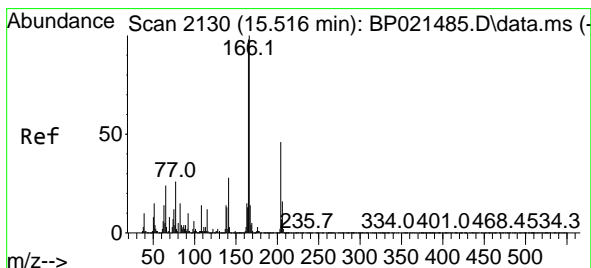
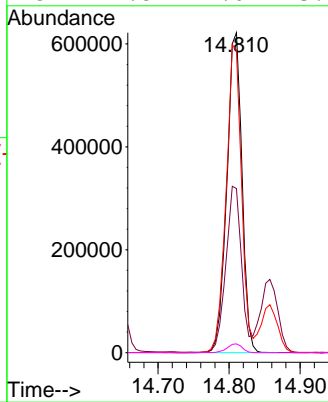
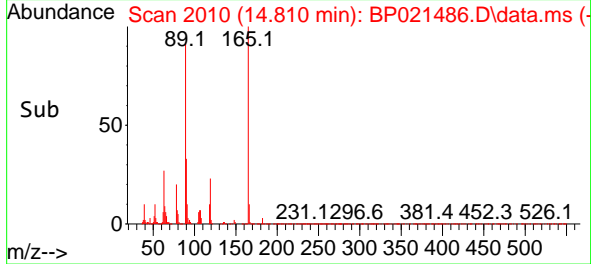


Tgt Ion: 165 Resp: 91837

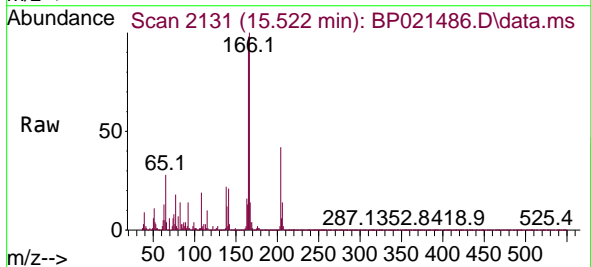
Ion	Ratio	Lower	Upper
165	100		
63	51.3	42.5	63.7
89	94.4	77.1	115.7
182	2.8	2.0	3.0

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 Supervised By :mohammad ahmed 08/14/2024

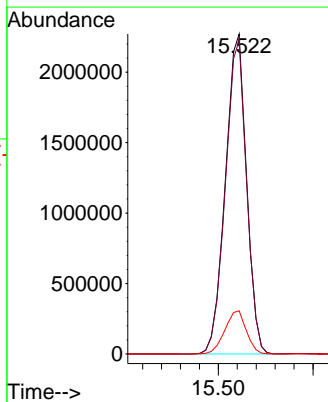
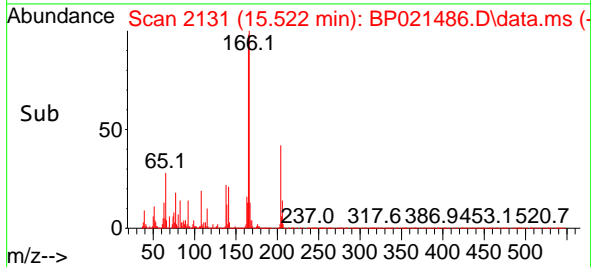


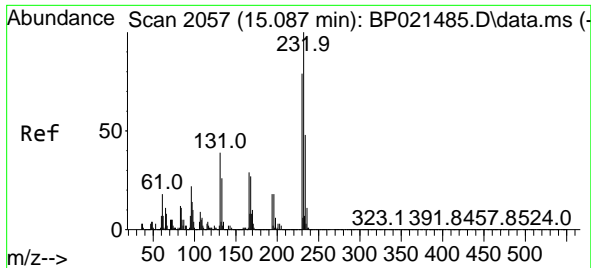
#58
 Fluorene
 Concen: 46.908 ng
 RT: 15.522 min Scan# 2131
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



Tgt Ion: 166 Resp: 3525015

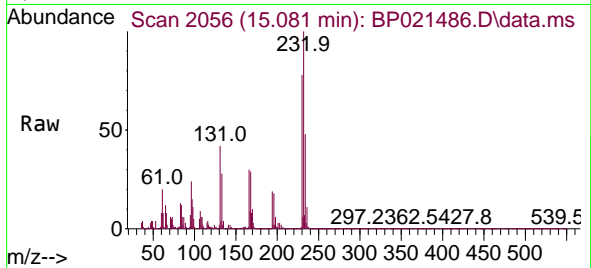
Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.1	117.1
167	13.5	11.0	16.4





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.558 ng
 RT: 15.081 min Scan# 2056
 Delta R.T. -0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

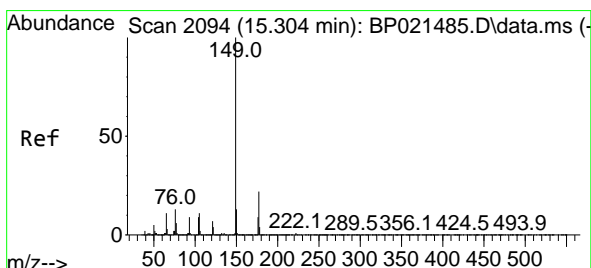
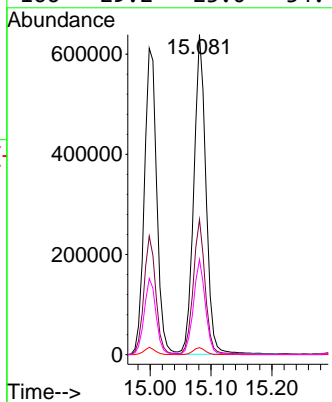
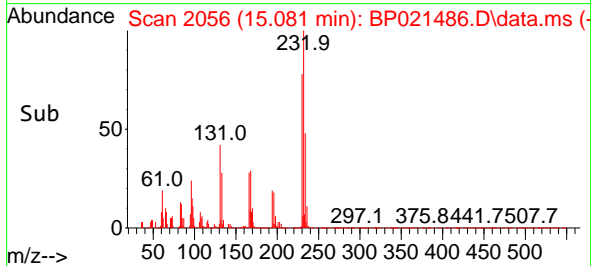


Tgt Ion:232 Resp: 88568

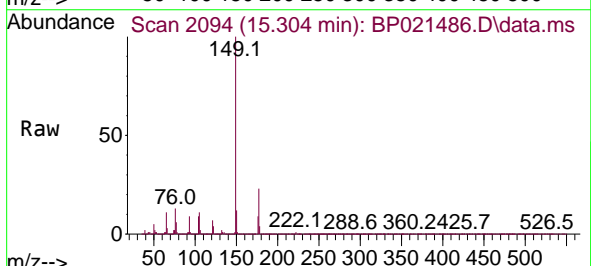
Ion	Ratio	Lower	Upper
232	100		
131	41.1	33.1	49.7
130	2.3	1.7	2.5
166	29.2	23.0	34.4

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 Supervised By :mohammad ahmed 08/14/2024

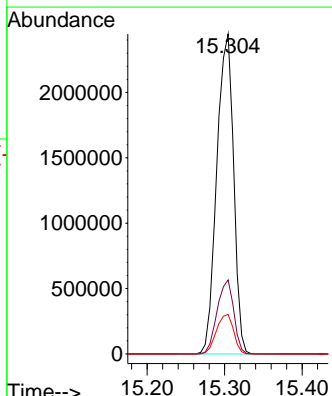
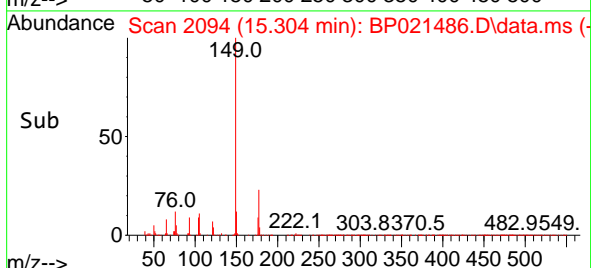


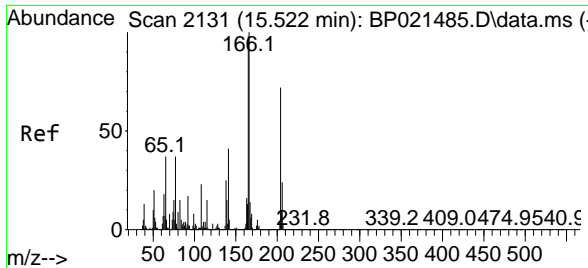
#60
 Diethylphthalate
 Concen: 47.945 ng
 RT: 15.304 min Scan# 2094
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



Tgt Ion:149 Resp: 3687157

Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.8	26.8
150	12.4	10.1	15.1





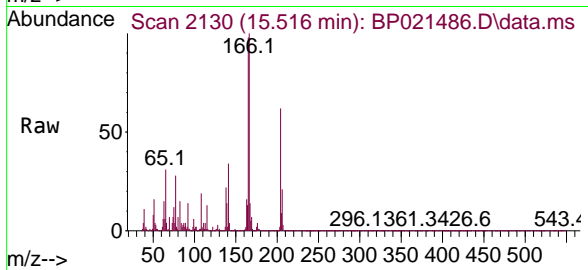
#61
 4-Chlorophenyl-phenylether
 Concen: 47.272 ng
 RT: 15.516 min Scan# 2130
 Delta R.T. -0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :

BNA_P

Client Sample Id :

SSTDICC050



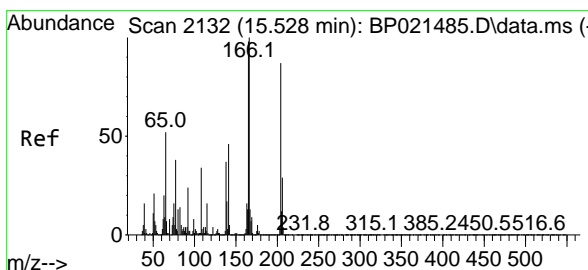
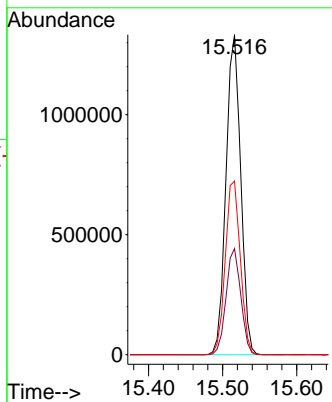
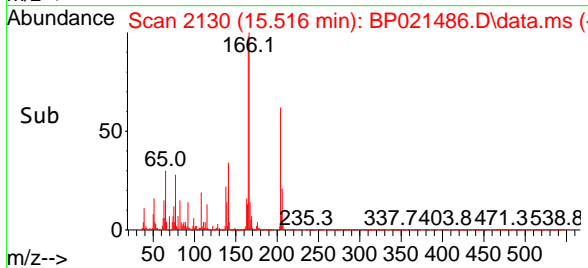
Tgt Ion: 204 Resp: 1836231

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.4	39.6
141	54.3	46.1	69.1

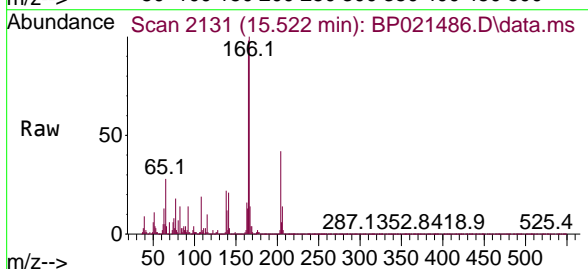
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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024

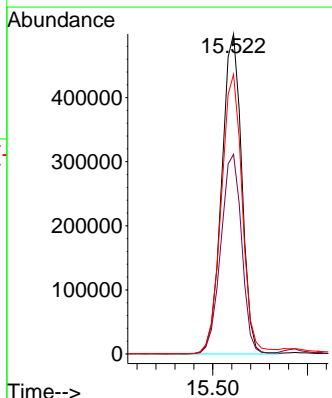
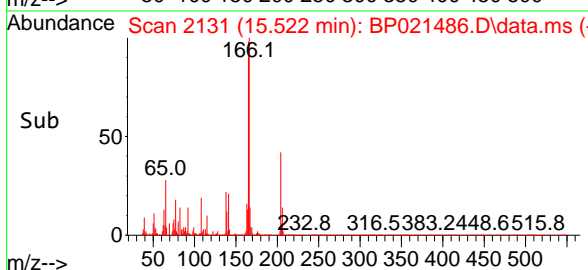


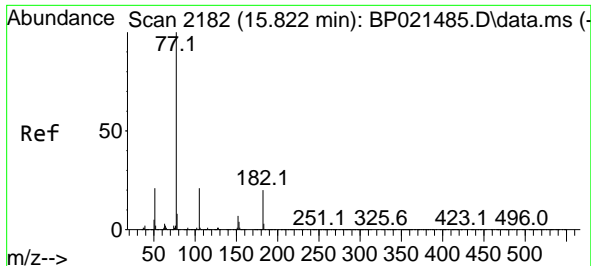
#62
 4-Nitroaniline
 Concen: 47.987 ng
 RT: 15.522 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



Tgt Ion: 138 Resp: 733231

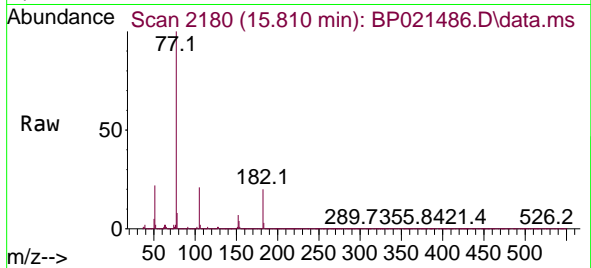
Ion	Ratio	Lower	Upper
138	100		
92	62.4	46.4	86.4
108	87.4	73.2	113.2





#63
 Azobenzene
 Concen: 46.014 ng
 RT: 15.810 min Scan# 2180
 Delta R.T. -0.012 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC050

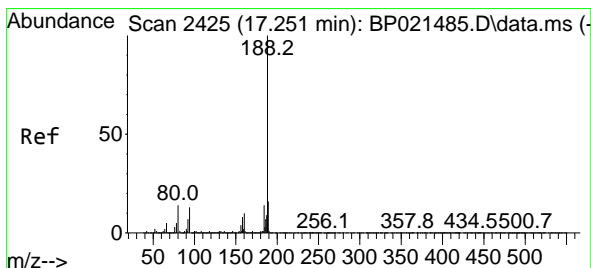
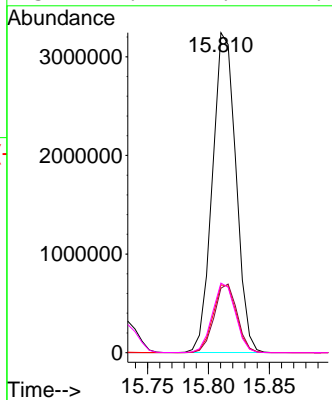
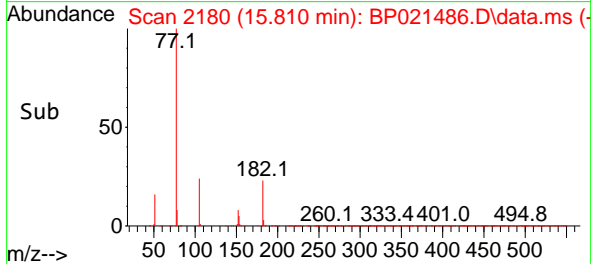


Tgt Ion: 77 Resp: 4349860

Ion	Ratio	Lower	Upper
77	100		
182	20.1	0.0	39.9
105	21.2	0.9	40.9
51	21.7	1.4	41.4

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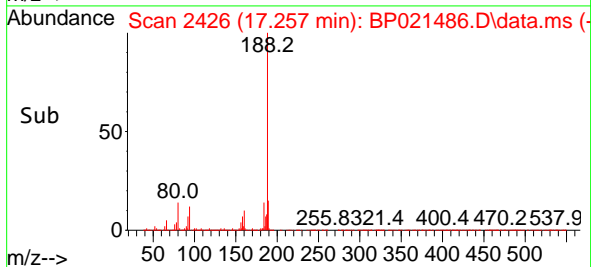
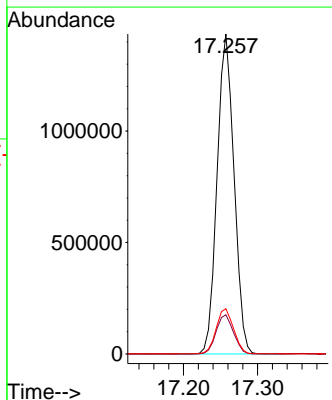
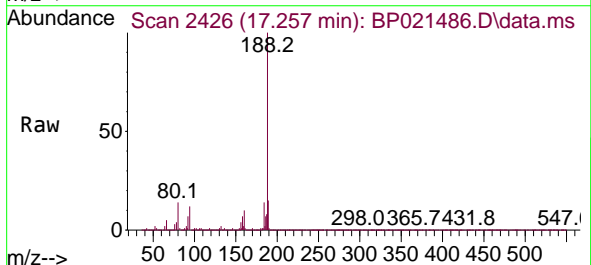
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

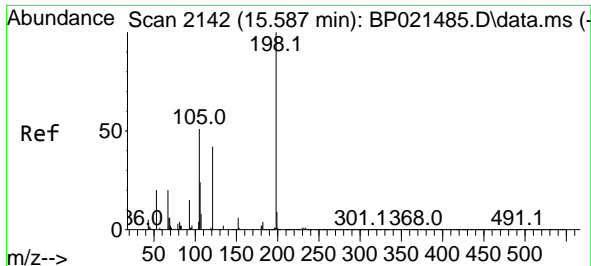


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.257 min Scan# 2426
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Tgt Ion:188 Resp: 2278560

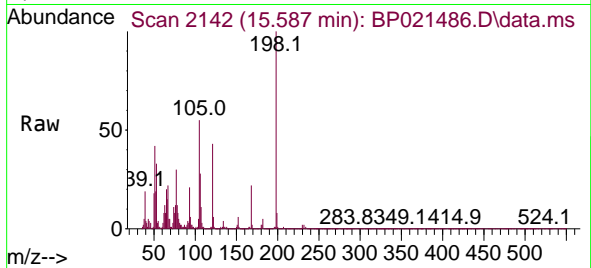
Ion	Ratio	Lower	Upper
188	100		
94	12.2	10.2	15.4
80	14.1	11.6	17.4





#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.749 ng
 RT: 15.587 min Scan# 2142
 Delta R.T. -0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

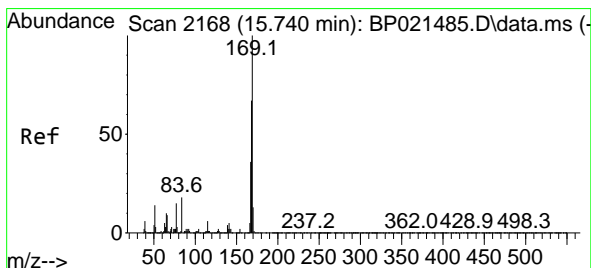
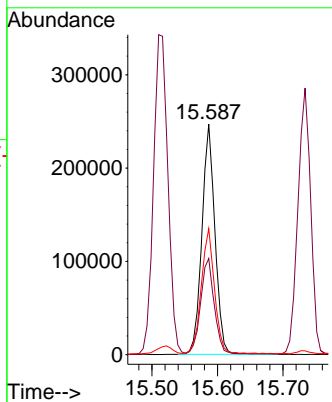
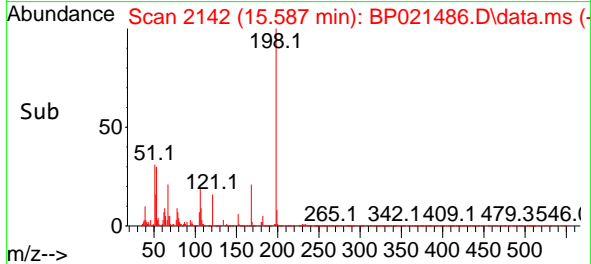


Tgt Ion:198 Resp: 342052

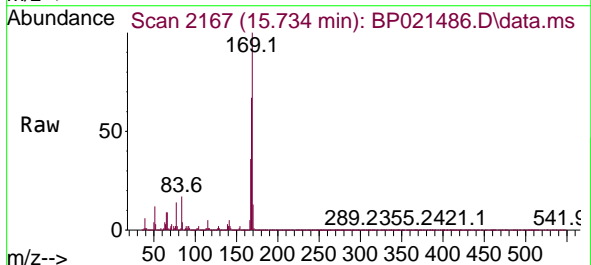
Ion	Ratio	Lower	Upper
198	100		
51	41.7	21.5	61.5
105	54.7	32.9	72.9

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 Supervised By :mohammad ahmed 08/14/2024

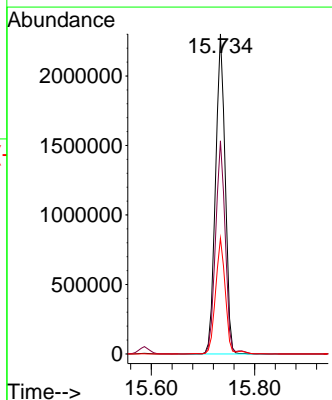
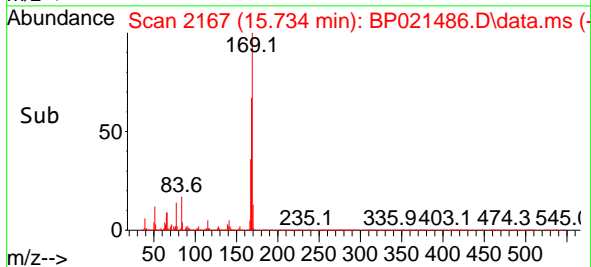


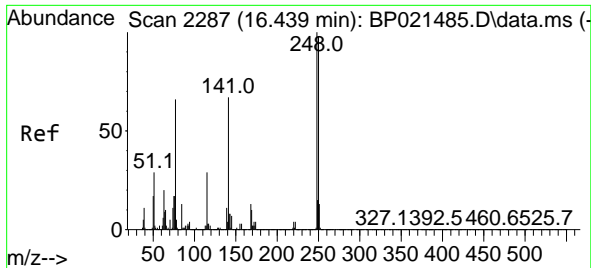
#66
 n-Nitrosodiphenylamine
 Concen: 48.807 ng
 RT: 15.734 min Scan# 2167
 Delta R.T. -0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



Tgt Ion:169 Resp: 2980276

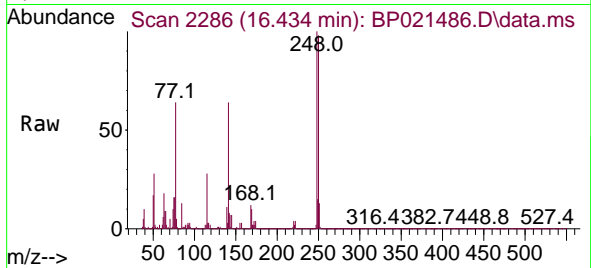
Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.4	80.2
167	36.1	28.7	43.1





#67
 4-Bromophenyl-phenylether
 Concen: 49.707 ng
 RT: 16.434 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

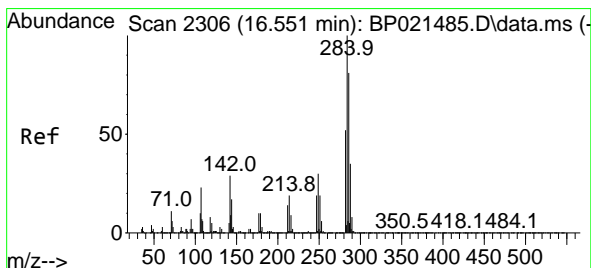
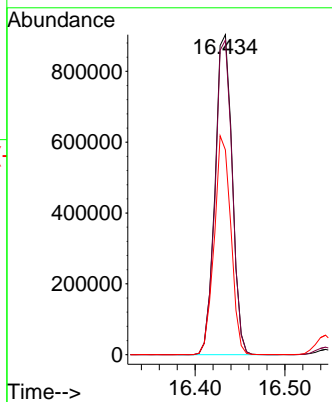
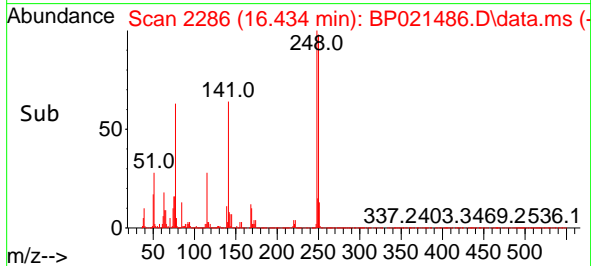
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050



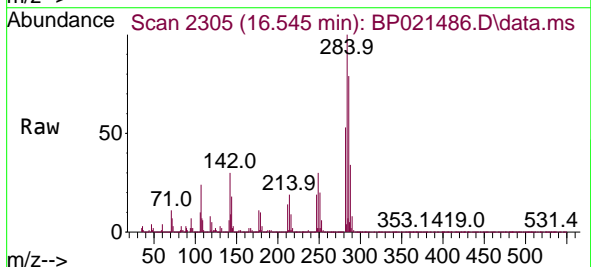
Tgt Ion:248 Resp: 119868
 Ion Ratio Lower Upper
 248 100
 250 98.3 78.6 117.8
 141 64.0 53.9 80.9

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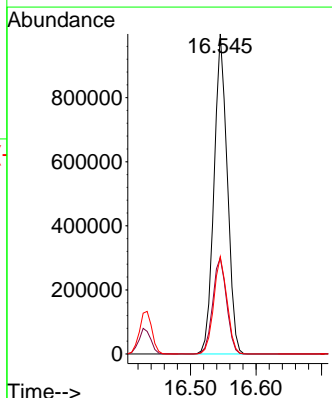
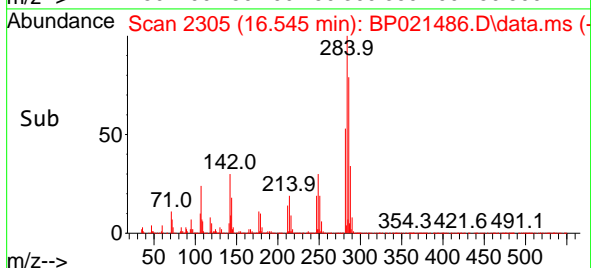
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

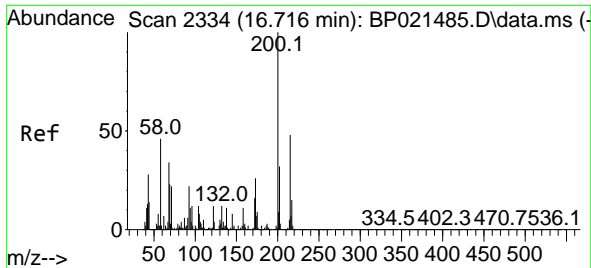


#68
 Hexachlorobenzene
 Concen: 48.961 ng
 RT: 16.545 min Scan# 2305
 Delta R.T. -0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



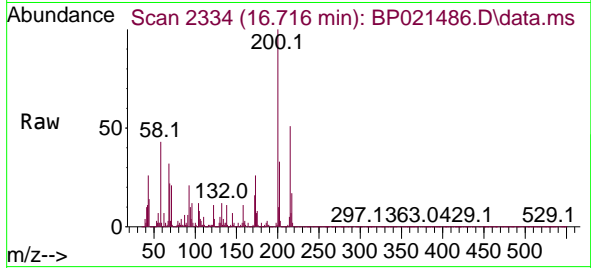
Tgt Ion:284 Resp: 1395323
 Ion Ratio Lower Upper
 284 100
 142 30.0 23.4 35.2
 249 30.4 24.1 36.1





#69
 Atrazine
 Concen: 48.608 ng
 RT: 16.716 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

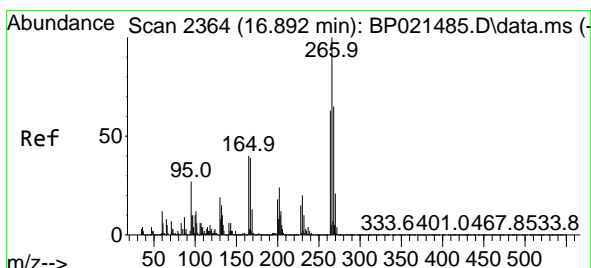
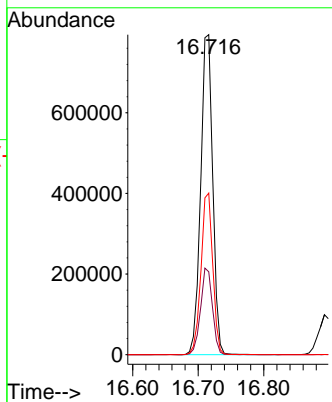
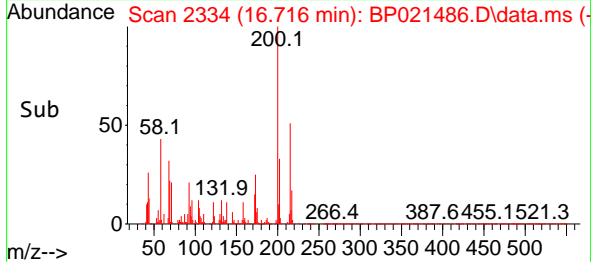
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050



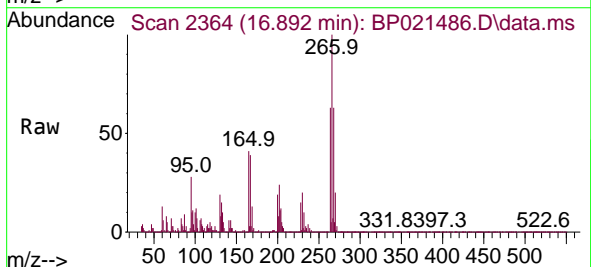
Tgt Ion:200 Resp: 101905
 Ion Ratio Lower Upper
 200 100
 173 25.9 6.2 46.2
 215 50.5 28.4 68.4

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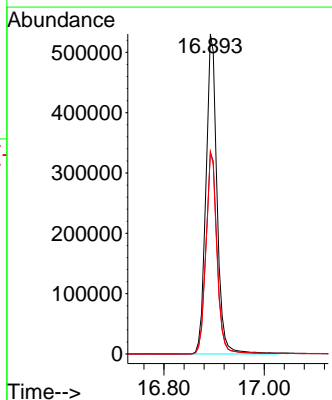
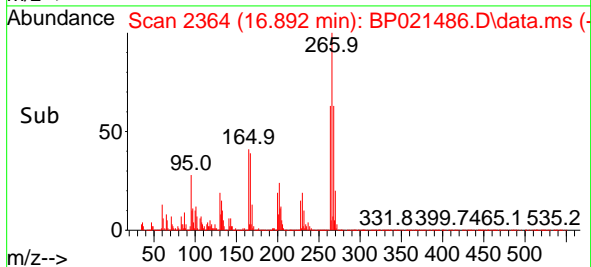
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

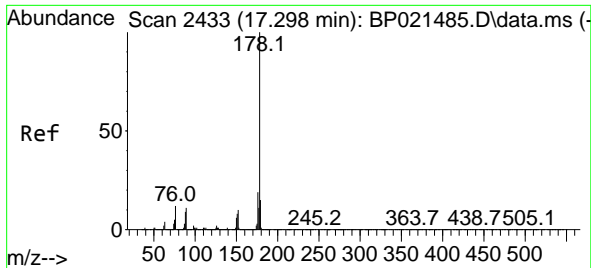


#70
 Pentachlorophenol
 Concen: 52.206 ng
 RT: 16.892 min Scan# 2364
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



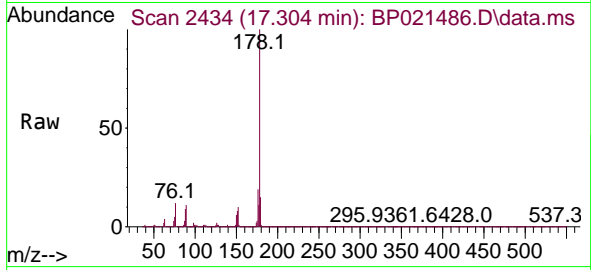
Tgt Ion:266 Resp: 812046
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.8 77.6
 264 63.1 50.5 75.7





#71
 Phenanthrene
 Concen: 48.447 ng
 RT: 17.304 min Scan# 2449
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

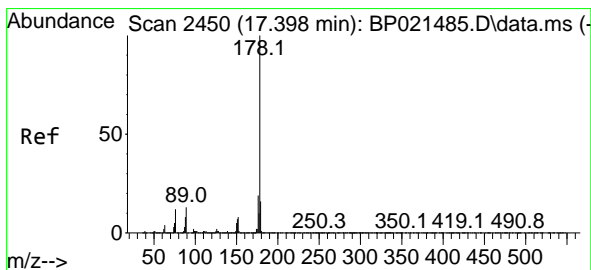
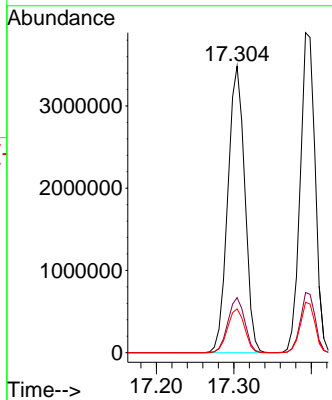
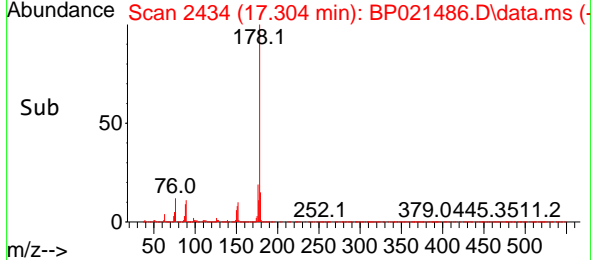
Instrument : BNA_P
 Client Sample Id : SSTDIC050



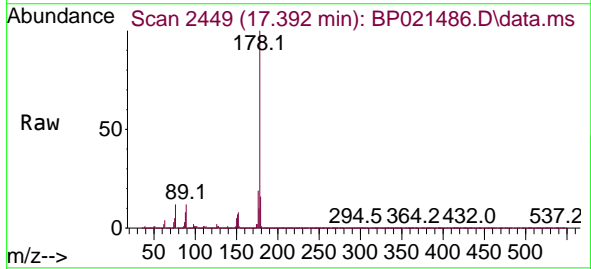
Tgt Ion:178 Resp: 5308898
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.3 12.4 18.6

Manual Integrations
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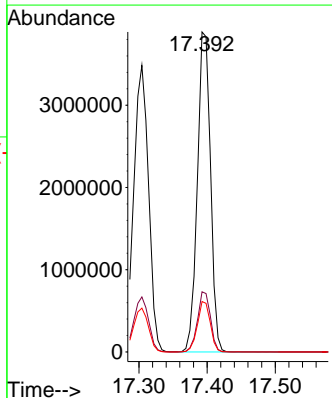
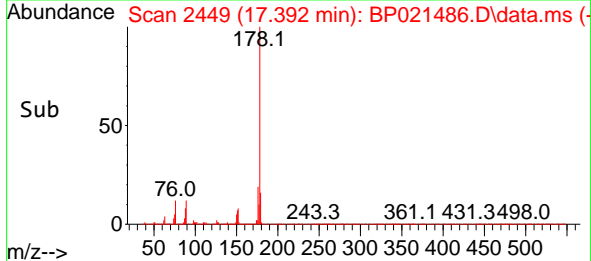
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

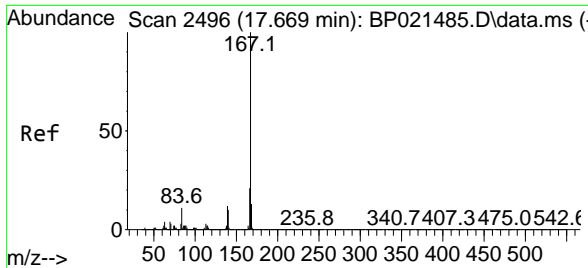


#72
 Anthracene
 Concen: 48.503 ng
 RT: 17.392 min Scan# 2449
 Delta R.T. -0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



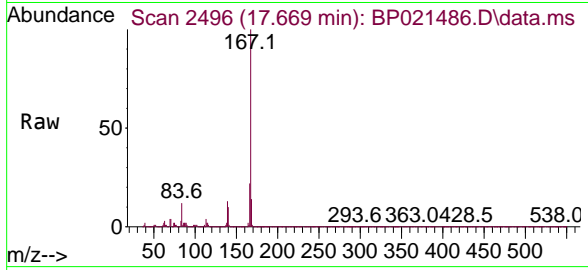
Tgt Ion:178 Resp: 5212543
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.9 22.3
 179 15.8 12.5 18.7





#73
 Carbazole
 Concen: 48.027 ng
 RT: 17.669 min Scan# 2496
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

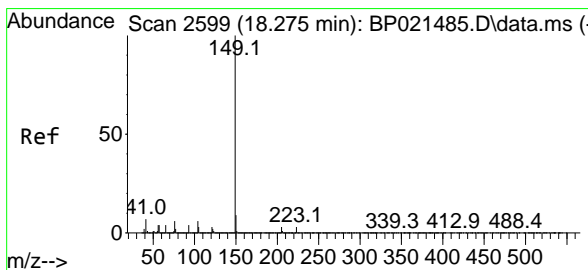
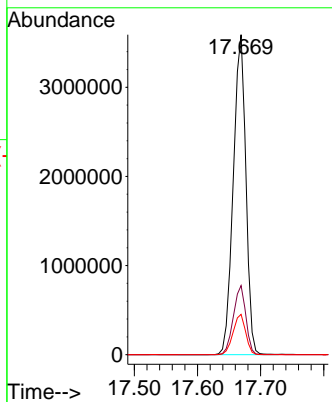
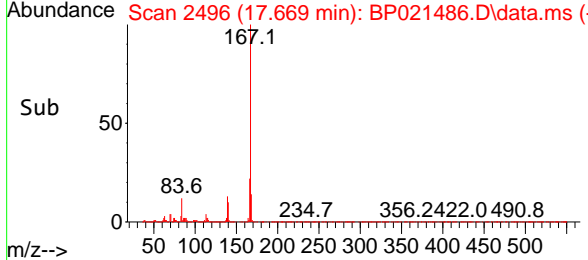
Instrument : BNA_P
 Client Sample Id : SSTDICC050



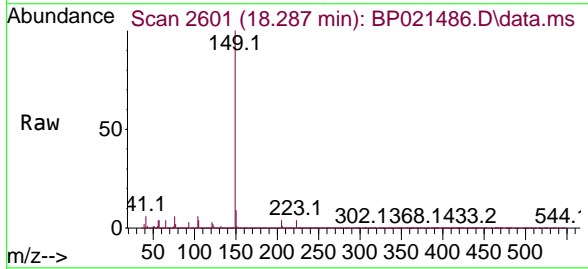
Tgt Ion:167 Resp: 497416
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.4
 139 12.6 9.9 14.9

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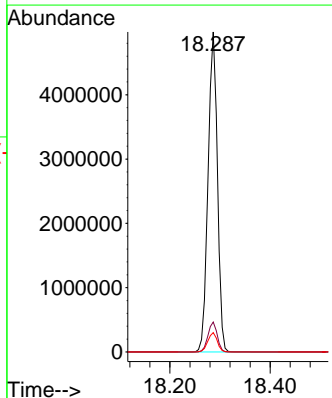
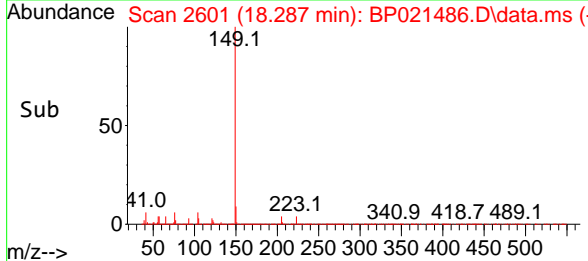
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

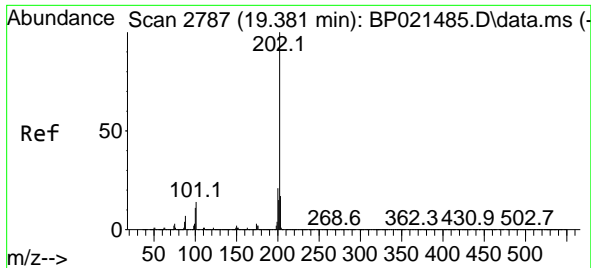


#74
 Di-n-butylphthalate
 Concen: 50.745 ng
 RT: 18.287 min Scan# 2601
 Delta R.T. 0.012 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



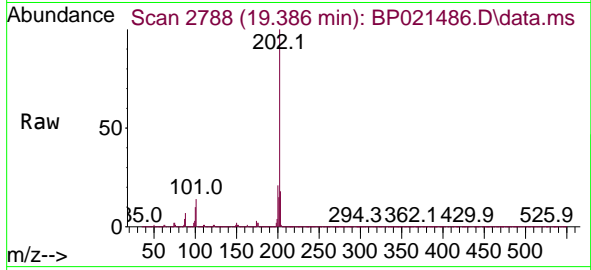
Tgt Ion:149 Resp: 6454560
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 6.0 4.9 7.3





#75
 Fluoranthene
 Concen: 48.166 ng
 RT: 19.386 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC050

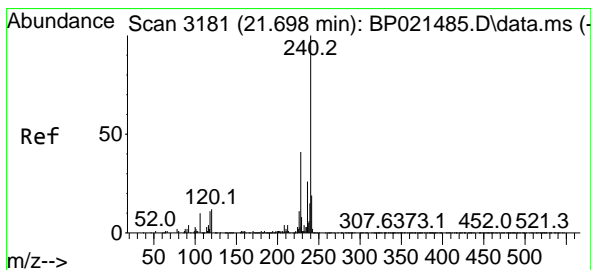
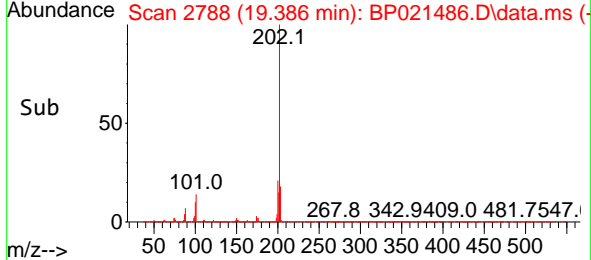
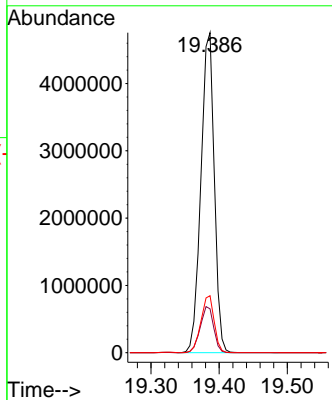


Tgt Ion: 202 Resp: 6476130

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.0
203	17.8	0.0	37.5

Manual Integrations
 APPROVED

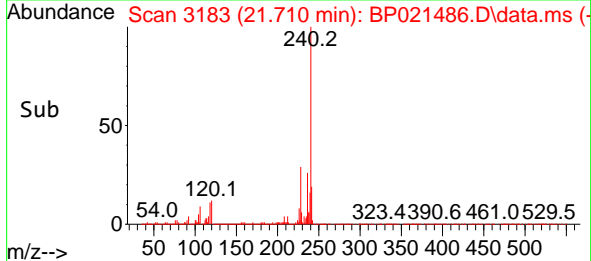
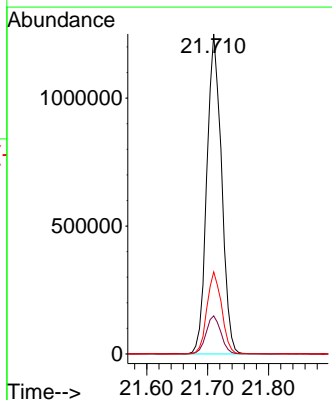
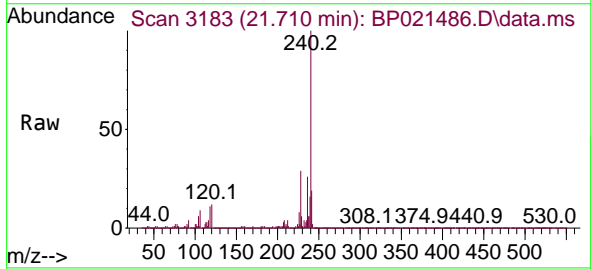
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

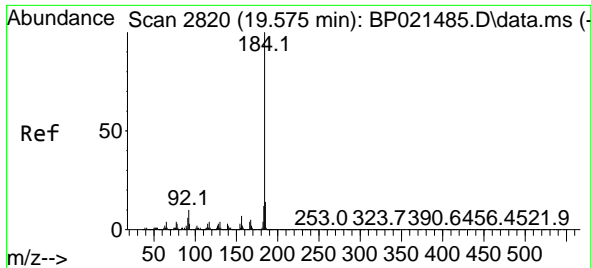


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.710 min Scan# 3183
 Delta R.T. 0.012 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Tgt Ion: 240 Resp: 2093381

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.9	14.9
236	25.7	20.6	30.8





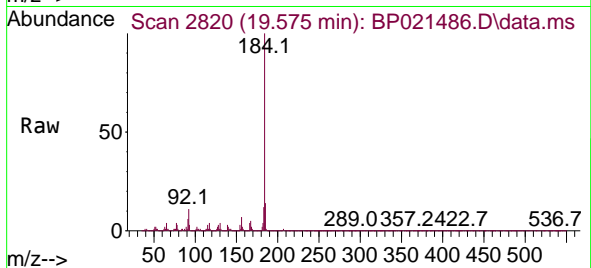
#77
 Benzidine
 Concen: 52.808 ng
 RT: 19.575 min Scan# 2811
 Delta R.T. -0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :

BNA_P

ClientSampleId :

SSTDICC050



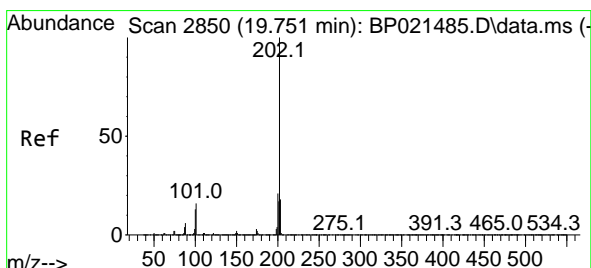
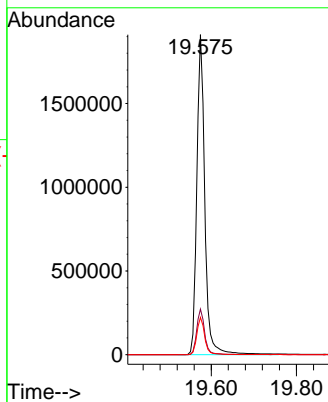
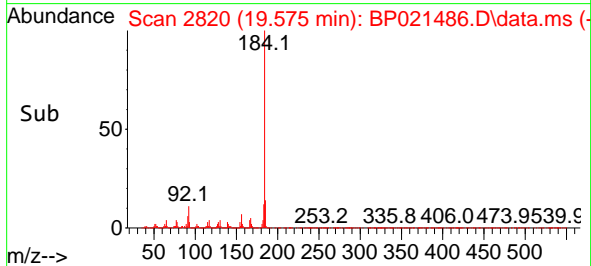
Tgt Ion:184 Resp: 249365
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.4 17.0
 183 11.6 9.3 13.9

Manual Integrations

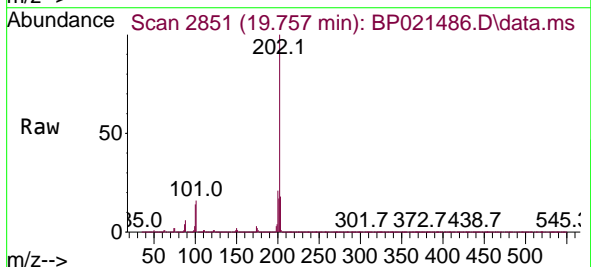
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

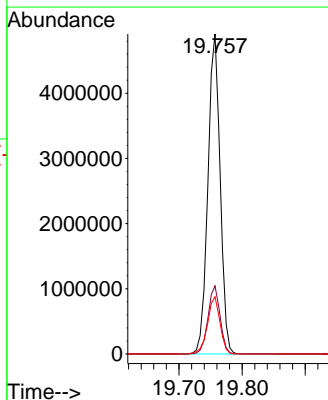
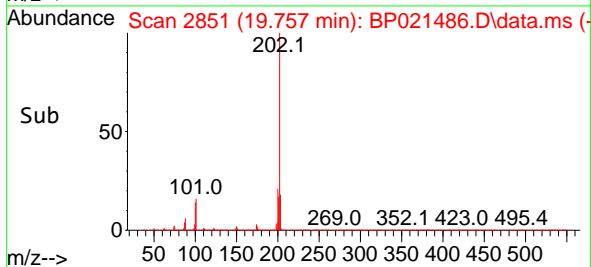
Supervised By :mohammad ahmed 08/14/2024

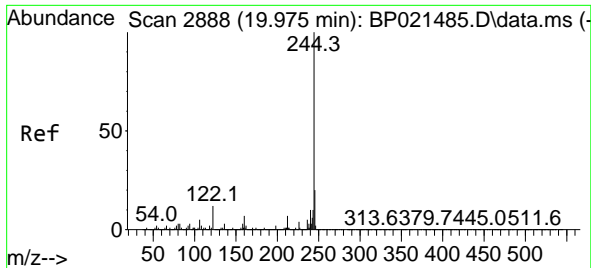


#78
 Pyrene
 Concen: 48.263 ng
 RT: 19.757 min Scan# 2851
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



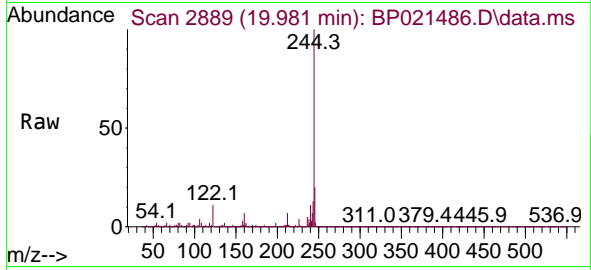
Tgt Ion:202 Resp: 6603640
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.7 25.1
 203 17.9 14.1 21.1





#79
 Terphenyl-d14
 Concen: 94.554 ng
 RT: 19.981 min Scan# 2889
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

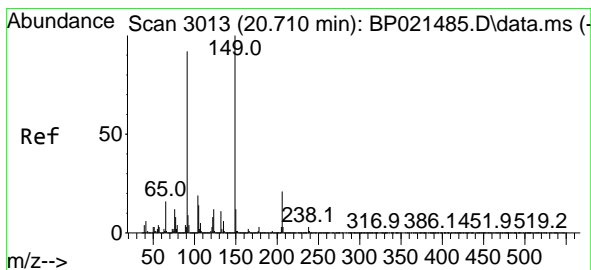
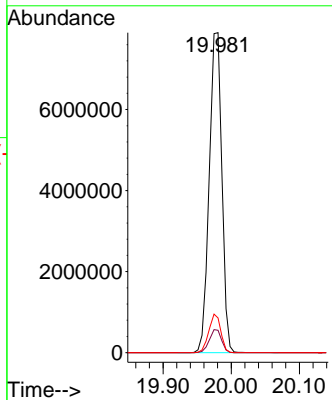
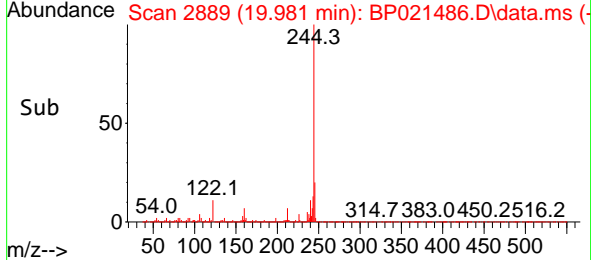
Instrument : BNA_P
 Client Sample Id : SSTDICC050



Tgt Ion: 244 Resp: 1018862
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.8 9.4 14.2

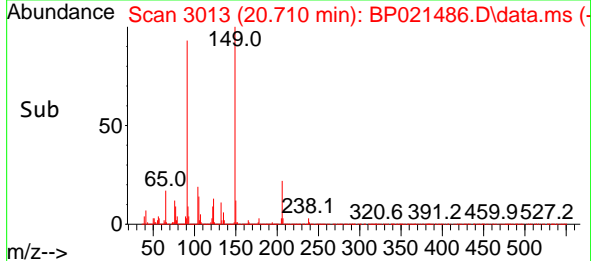
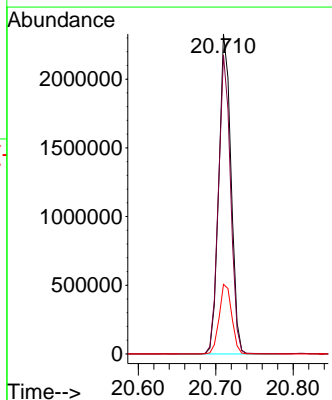
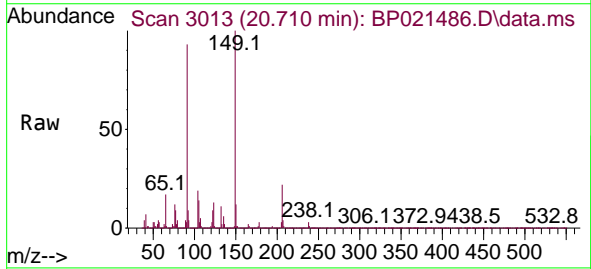
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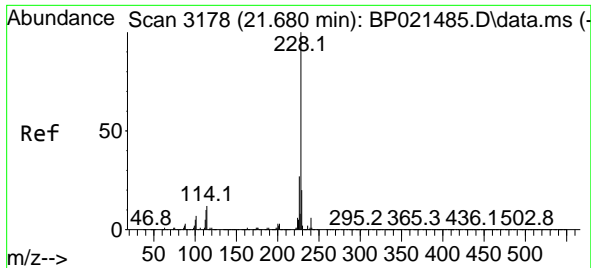
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#80
 Butylbenzylphthalate
 Concen: 49.198 ng
 RT: 20.710 min Scan# 3013
 Delta R.T. -0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

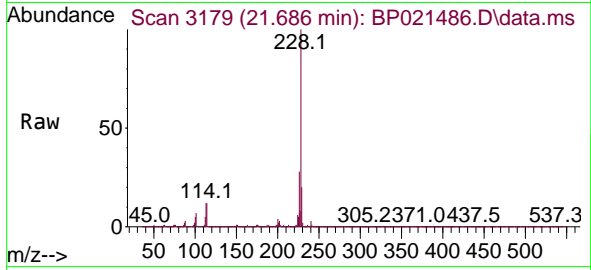
Tgt Ion: 149 Resp: 2559896
 Ion Ratio Lower Upper
 149 100
 91 93.4 73.3 109.9
 206 21.8 17.1 25.7





#81
 Benzo(a)anthracene
 Concen: 48.741 ng
 RT: 21.686 min Scan# 3178
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

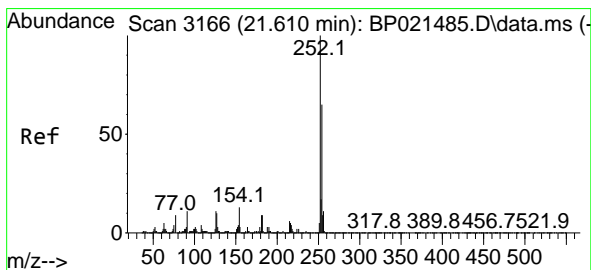
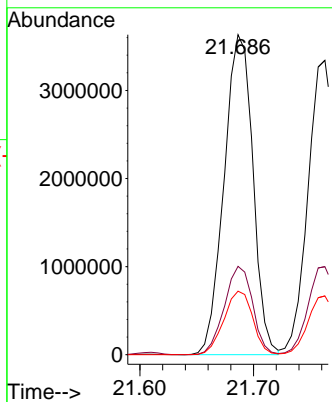
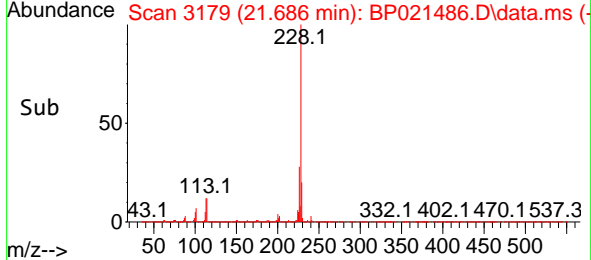
Instrument : BNA_P
 Client Sample Id : SSTDIC050



Tgt Ion: 228 Resp: 640529
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.4 32.2
 229 19.8 15.8 23.6

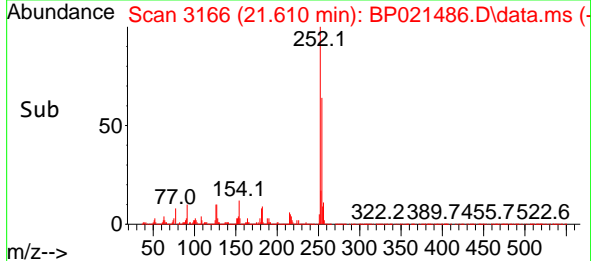
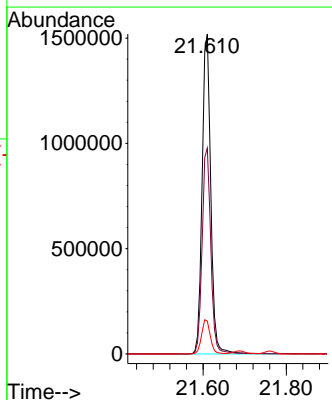
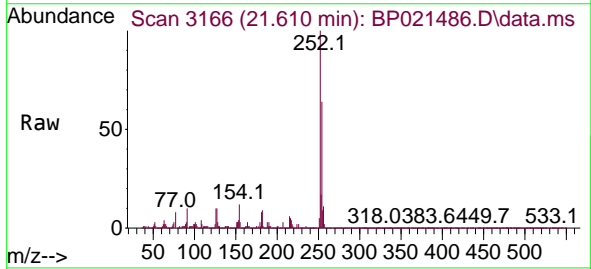
Manual Integrations
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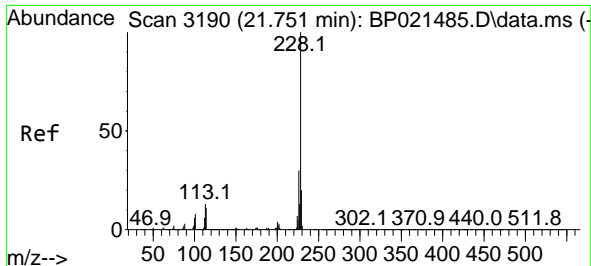
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#82
 3,3'-Dichlorobenzidine
 Concen: 52.013 ng
 RT: 21.610 min Scan# 3166
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

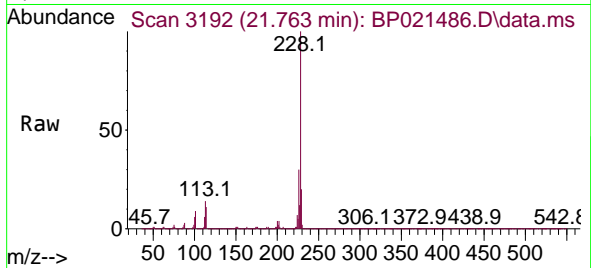
Tgt Ion: 252 Resp: 2191535
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.7 77.5
 126 10.3 8.7 13.1





#83
 Chrysene
 Concen: 48.555 ng
 RT: 21.763 min Scan# 3190
 Delta R.T. 0.012 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

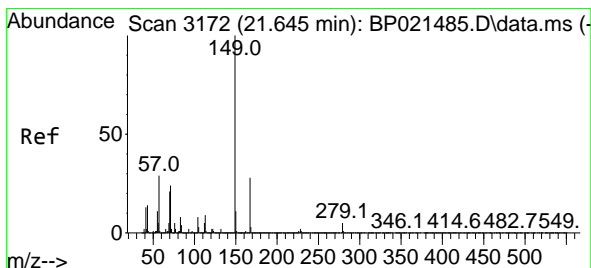
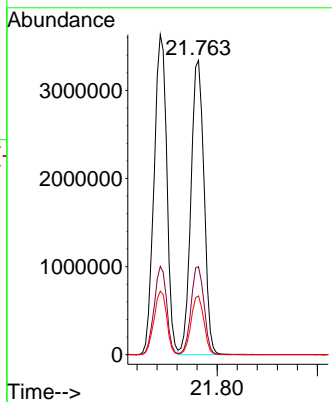
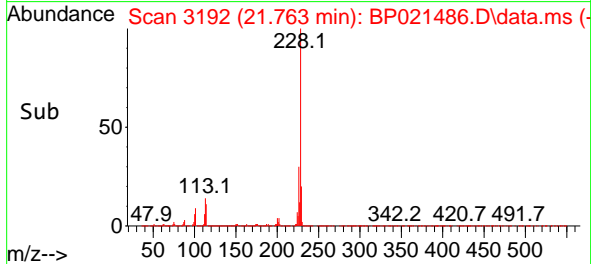
Instrument : BNA_P
 Client Sample Id : SSTDICC050



Tgt Ion: 228 Resp: 602446
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.9 35.9
 229 19.9 15.8 23.6

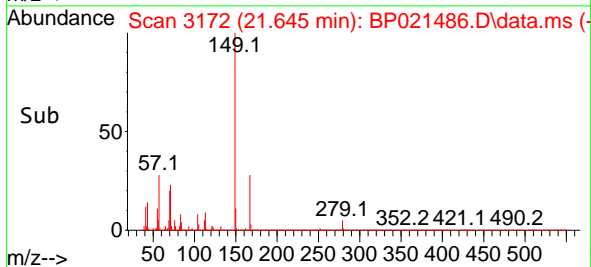
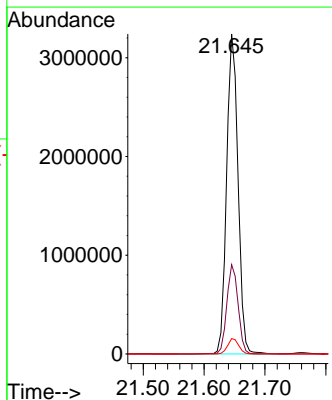
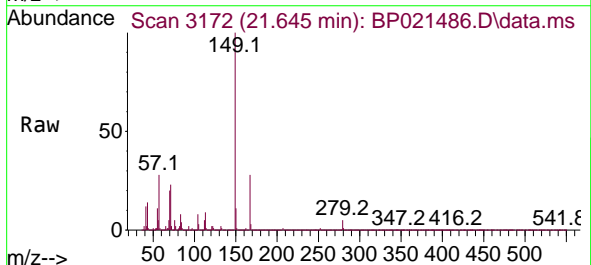
Manual Integrations
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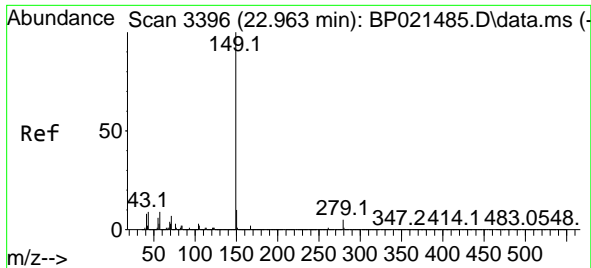
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.143 ng
 RT: 21.645 min Scan# 3172
 Delta R.T. 0.000 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Tgt Ion: 149 Resp: 4205342
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.3 33.5
 279 4.8 3.8 5.6





#85
 Di-n-octyl phthalate
 Concen: 49.144 ng
 RT: 22.969 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Instrument :

BNA_P

Client Sample Id :

SSTDICC050

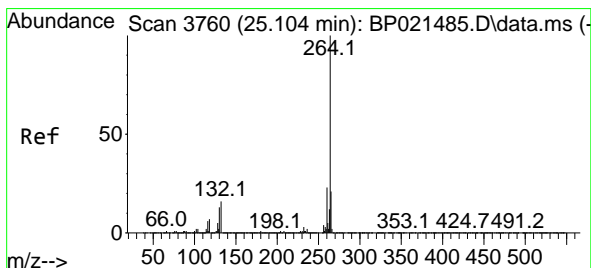
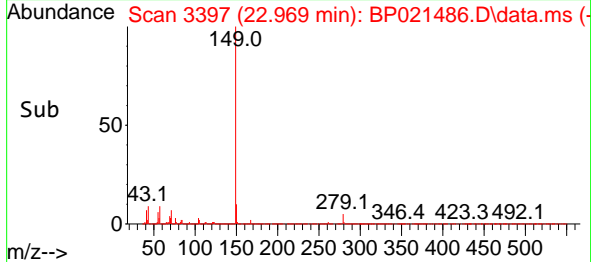
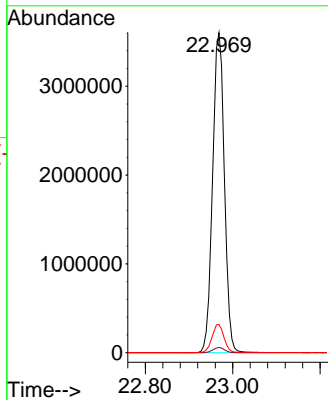
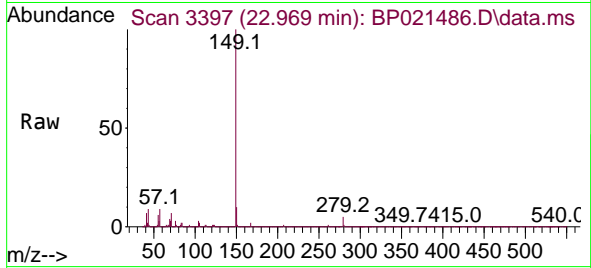
Tgt Ion:149 Resp: 672254
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 8.9 7.3 10.9

Manual Integrations

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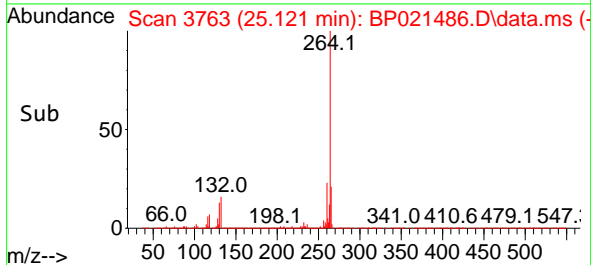
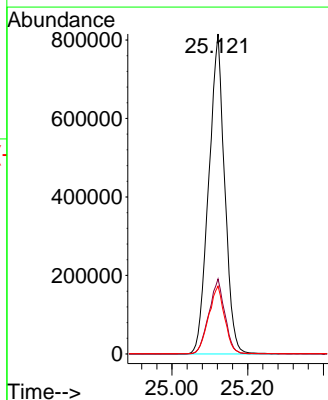
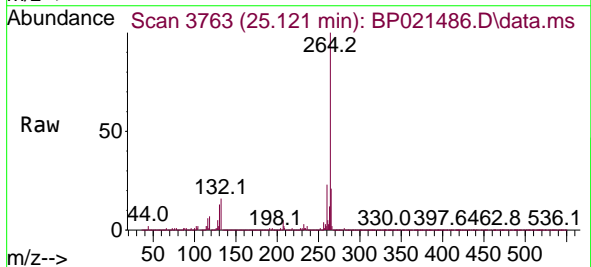
Reviewed By :Yogesh Patel 08/14/2024

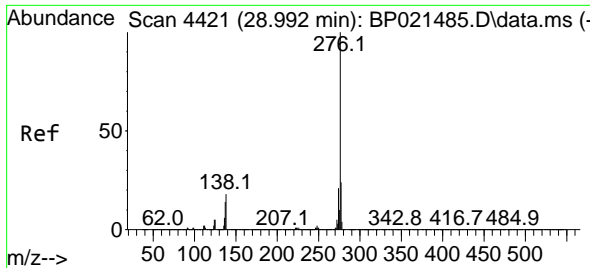
Supervised By :mohammad ahmed 08/14/2024



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.121 min Scan# 3763
 Delta R.T. 0.018 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

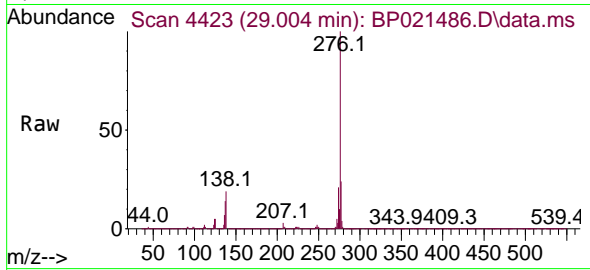
Tgt Ion:264 Resp: 2377136
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.2 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.025 ng m
 RT: 29.004 min Scan# 4423
 Delta R.T. 0.012 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

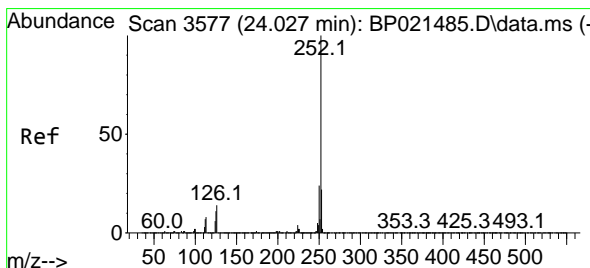
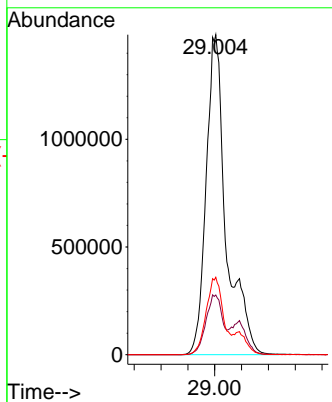
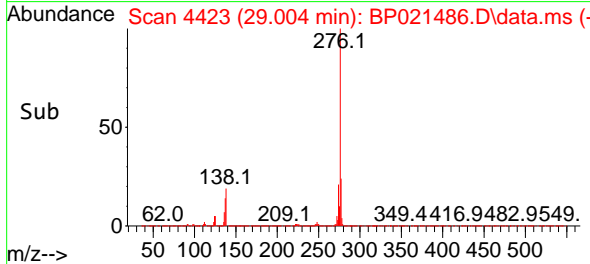
Instrument : BNA_P
 Client Sample Id : SSTDICC050



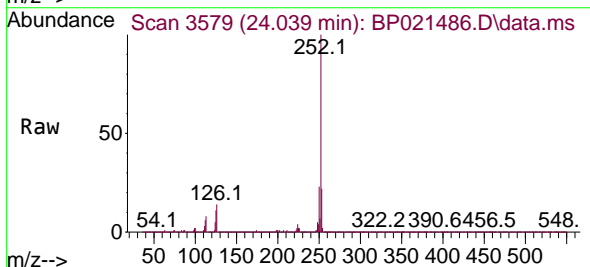
Tgt Ion: 276 Resp: 770746
 Ion Ratio Lower Upper
 276 100
 138 15.5 12.8 19.2
 277 20.6 16.5 24.7

Manual Integrations
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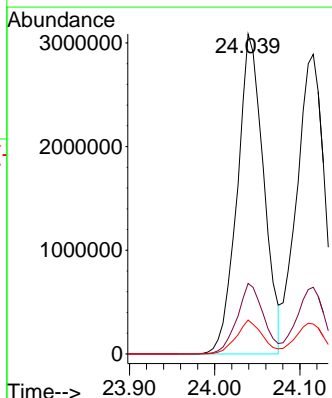
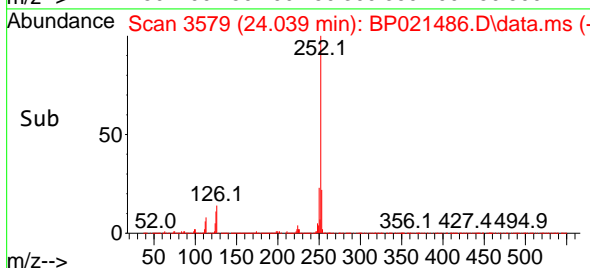
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

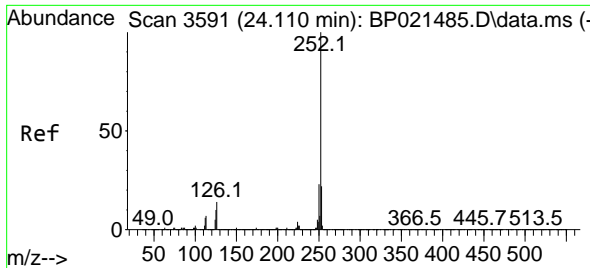


#88
 Benzo(b)fluoranthene
 Concen: 48.689 ng
 RT: 24.039 min Scan# 3579
 Delta R.T. 0.012 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09



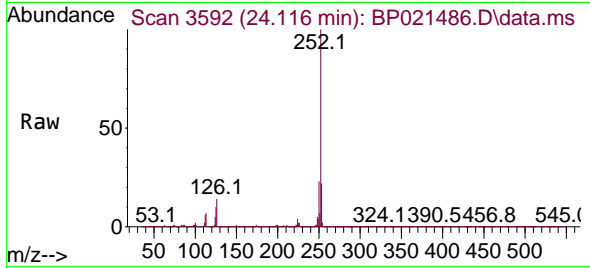
Tgt Ion: 252 Resp: 6647186
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.6 26.4
 125 10.6 8.6 13.0





#89
 Benzo(k)fluoranthene
 Concen: 49.204 ng
 RT: 24.116 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

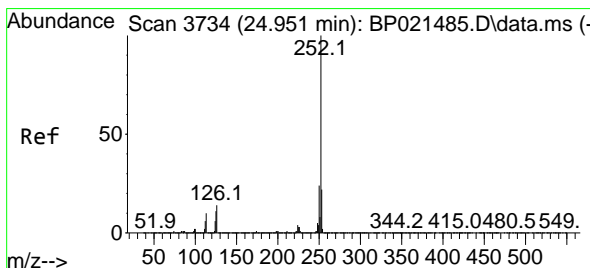
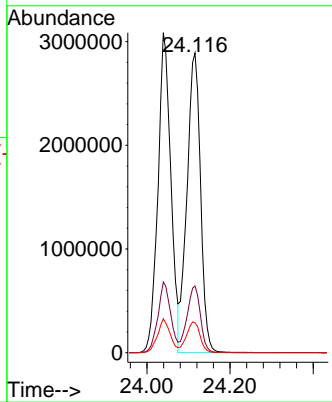
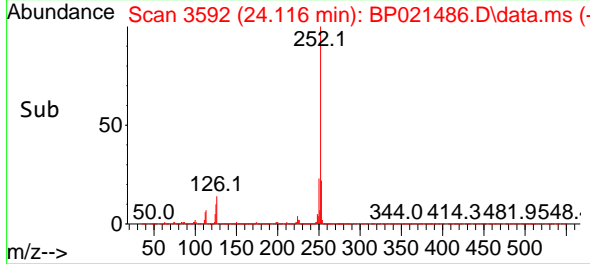
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC050



Tgt Ion: 252 Resp: 655298
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.5 26.3
 125 10.0 7.8 11.8

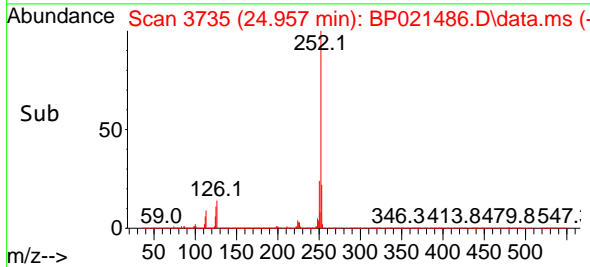
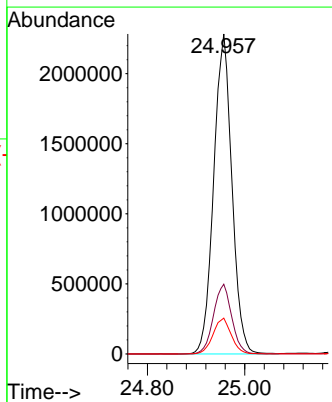
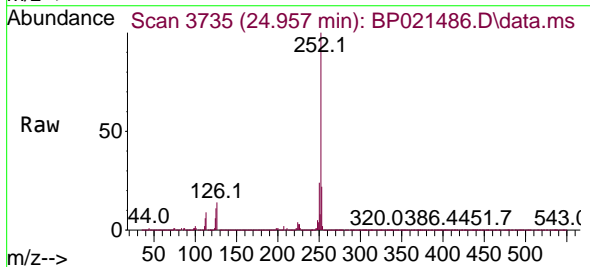
Manual Integrations
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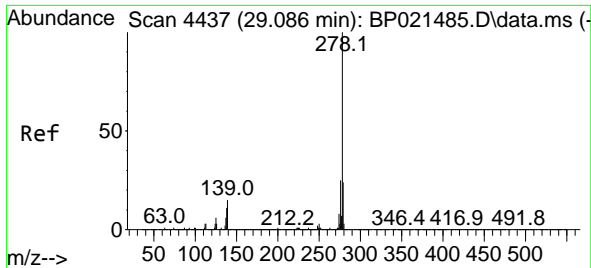
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#90
 Benzo(a)pyrene
 Concen: 49.959 ng
 RT: 24.957 min Scan# 3735
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

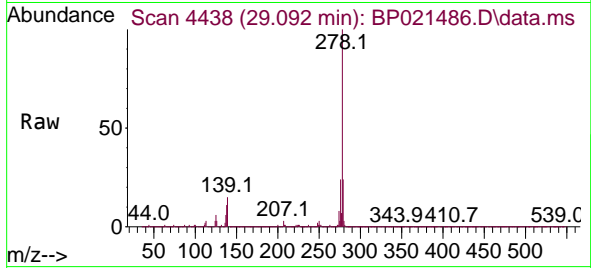
Tgt Ion: 252 Resp: 5918922
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.7 26.5
 125 11.2 8.7 13.1





#91
 Dibenzo(a,h)anthracene
 Concen: 50.151 ng
 RT: 29.092 min Scan# 4438
 Delta R.T. 0.006 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

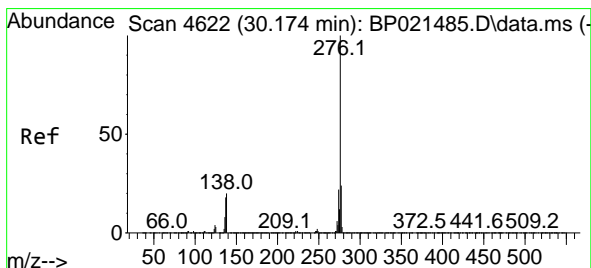
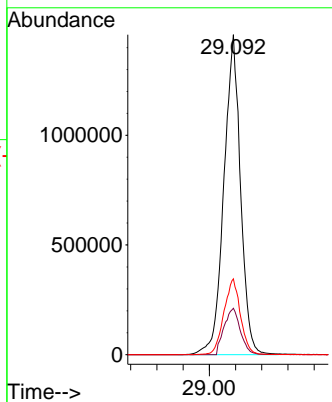
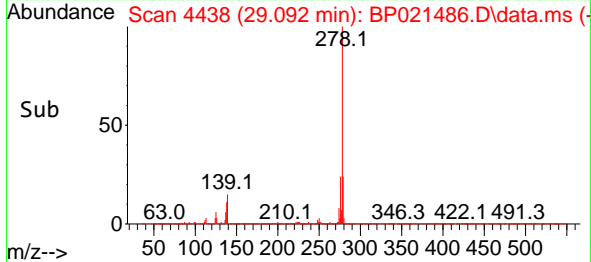
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC050



Tgt Ion: 278 Resp: 6420890
 Ion Ratio Lower Upper
 278 100
 139 14.5 12.2 18.4
 279 23.7 19.1 28.7

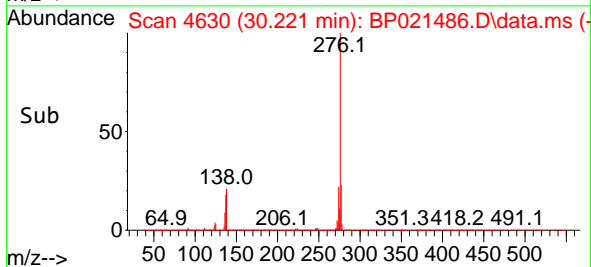
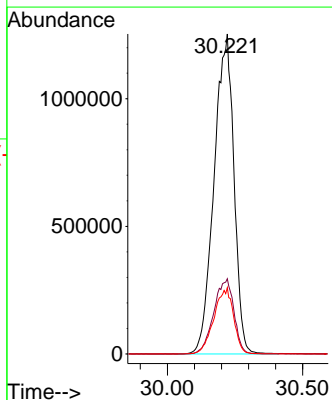
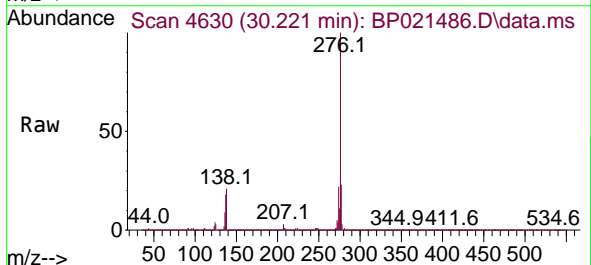
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#92
 Benzo(g,h,i)perylene
 Concen: 49.748 ng
 RT: 30.221 min Scan# 4630
 Delta R.T. 0.047 min
 Lab File: BP021486.D
 Acq: 13 Aug 2024 16:09

Tgt Ion: 276 Resp: 6383870
 Ion Ratio Lower Upper
 276 100
 277 23.5 19.0 28.6
 138 20.7 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021487.D
 Acq On : 13 Aug 2024 16:53
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 23:48:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	382208	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	1539217	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	953193	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	1991489	20.000	ng	0.00
76) Chrysenene-d12	21.710	240	1907005	20.000	ng	0.01
86) Perylene-d12	25.121	264	2191159	20.000	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	3212821	124.817	ng	0.00
7) Phenol-d6	6.963	99	4582988	122.053	ng	0.00
23) Nitrobenzene-d5	8.957	82	4024825	134.966	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1401053	132.067	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	7484438	119.833	ng	0.00
79) Terphenyl-d14	19.986	244	11374626	115.877	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.322	88	739240	60.569	ng	99
3) Pyridine	3.705	79	2102990m	61.723	ng	
4) n-Nitrosodimethylamine	3.622	42	625716	61.099	ng	99
6) Aniline	7.134	93	2239942	59.670	ng	100
8) 2-Chlorophenol	7.375	128	1472845	61.917	ng	98
9) Benzaldehyde	6.946	77	1212390	50.428	ng	98
10) Phenol	6.993	94	2381743	61.254	ng	98
11) bis(2-Chloroethyl)ether	7.234	93	1938063	58.905	ng	99
12) 1,3-Dichlorobenzene	7.699	146	1682261	59.538	ng	100
13) 1,4-Dichlorobenzene	7.846	146	1709124	59.904	ng	99
14) 1,2-Dichlorobenzene	8.157	146	1624118	59.070	ng	100
15) Benzyl Alcohol	8.034	79	1647924	61.166	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	1756837	57.982	ng	100
17) 2-Methylphenol	8.234	107	1477294	60.098	ng	99
18) Hexachloroethane	8.893	117	704431	61.570	ng	99
19) n-Nitroso-di-n-propyla...	8.610	70	1457549	56.194	ng	99
20) 3+4-Methylphenols	8.563	107	2028575	61.202	ng	99
22) Acetophenone	8.616	105	2813557	59.500	ng	# 99
24) Nitrobenzene	8.999	77	2126322	65.650	ng	98
25) Isophorone	9.522	82	4092218	58.086	ng	99
26) 2-Nitrophenol	9.704	139	554873	60.117	ng	99
27) 2,4-Dimethylphenol	9.763	122	1074335	61.792	ng	97
28) bis(2-Chloroethoxy)met...	10.004	93	2556281	59.443	ng	100
29) 2,4-Dichlorophenol	10.234	162	1331749	64.829	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	1609924	61.128	ng	98
31) Naphthalene	10.646	128	4829277	60.059	ng	99
32) Benzoic acid	9.904	122	775935	61.192	ng	99
33) 4-Chloroaniline	10.746	127	1798121	59.532	ng	99
34) Hexachlorobutadiene	10.940	225	1011679	61.008	ng	99
35) Caprolactam	11.510	113	522232	61.084	ng	98
36) 4-Chloro-3-methylphenol	11.863	107	1746318	61.283	ng	98
37) 2-Methylnaphthalene	12.257	142	3238044	59.003	ng	99
38) 1-Methylnaphthalene	12.475	142	3163697	58.451	ng	99
40) 1,2,4,5-Tetrachloroben...	12.634	216	1762492	63.107	ng	100
41) Hexachlorocyclopentadiene	12.622	237	610821	69.006	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	1050099	67.687	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021487.D
 Acq On : 13 Aug 2024 16:53
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 23:48:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	1165351	67.609	ng	98
46) 1,1'-Biphenyl	13.275	154	4097218	60.754	ng	100
47) 2-Chloronaphthalene	13.316	162	3228869	61.498	ng	99
48) 2-Nitroaniline	13.504	65	940456	62.204	ng	99
49) Acenaphthylene	14.175	152	4669645	60.501	ng	100
50) Dimethylphthalate	13.904	163	3832687	60.041	ng	100
51) 2,6-Dinitrotoluene	14.016	165	805457	61.336	ng	99
52) Acenaphthene	14.522	154	3066208	60.546	ng	98
53) 3-Nitroaniline	14.345	138	797905	61.781	ng	99
54) 2,4-Dinitrophenol	14.545	184	242951	61.764	ng	95
55) Dibenzofuran	14.857	168	4594089	58.970	ng	99
56) 4-Nitrophenol	14.639	139	644221	62.066	ng	93
57) 2,4-Dinitrotoluene	14.816	165	1034061	61.548	ng #	94
58) Fluorene	15.522	166	3759913	58.748	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	973647	66.550	ng	99
60) Diethylphthalate	15.292	149	3911032	59.713	ng	100
61) 4-Chlorophenyl-phenyle...	15.528	204	1945714	58.814	ng	97
62) 4-Nitroaniline	15.534	138	824354	62.407	ng	98
63) Azobenzene	15.822	77	4711824	58.524	ng	98
65) 4,6-Dinitro-2-methylph...	15.586	198	410096	61.846	ng	98
66) n-Nitrosodiphenylamine	15.734	169	3192615	59.821	ng	100
67) 4-Bromophenyl-phenylether	16.433	248	1286048	61.016	ng	97
68) Hexachlorobenzene	16.551	284	1505847	60.456	ng	100
69) Atrazine	16.710	200	1088343	59.397	ng	99
70) Pentachlorophenol	16.892	266	899879	66.192	ng	99
71) Phenanthrene	17.292	178	5685784	59.366	ng	100
72) Anthracene	17.392	178	5636907	60.013	ng	100
73) Carbazole	17.675	167	5454823	60.260	ng	99
74) Di-n-butylphthalate	18.269	149	6834417	61.477	ng	100
75) Fluoranthene	19.380	202	7044903	59.949	ng	99
77) Benzidine	19.569	184	2334836	54.599	ng	100
78) Pyrene	19.757	202	7263907	58.277	ng	100
80) Butylbenzylphthalate	20.710	149	2906885	60.438	ng	98
81) Benzo(a)anthracene	21.692	228	7119658	59.472	ng	99
82) 3,3'-Dichlorobenzidine	21.598	252	2455338	63.969	ng	100
83) Chrysene	21.757	228	6762569	59.831	ng	99
84) Bis(2-ethylhexyl)phtha...	21.645	149	4576797	64.685	ng	100
85) Di-n-octyl phthalate	22.968	149	7622203	59.983	ng	99
87) Indeno(1,2,3-cd)pyrene	28.998	276	9100343m	64.078	ng	
88) Benzo(b)fluoranthene	24.045	252	7812709	62.083	ng	99
89) Benzo(k)fluoranthene	24.121	252	7561966	61.599	ng	99
90) Benzo(a)pyrene	24.974	252	6839630	62.630	ng	99
91) Dibenzo(a,h)anthracene	29.103	278	7520005	63.721	ng	100
92) Benzo(g,h,i)perylene	30.203	276	7563028	63.940	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

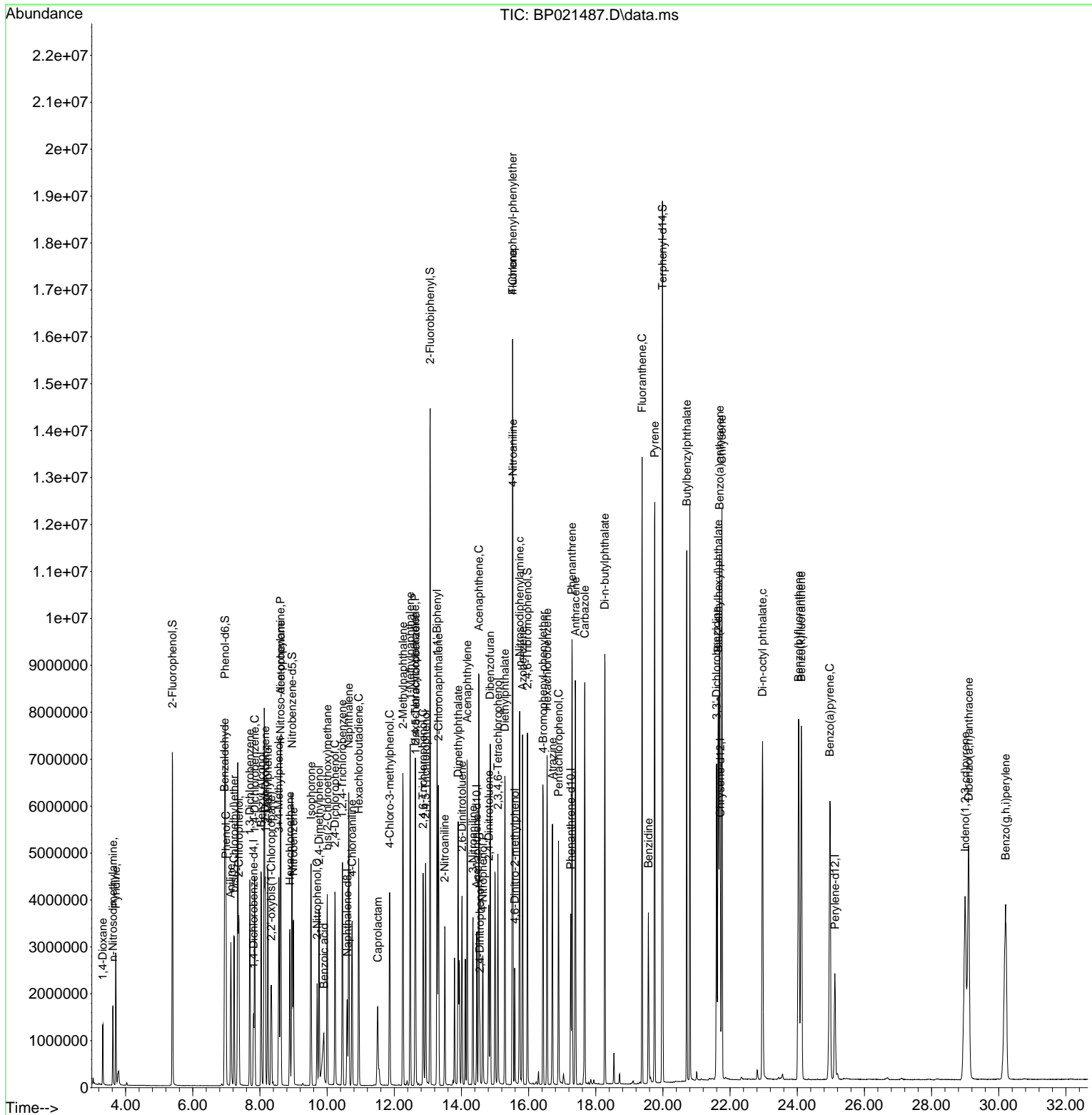
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
Data File : BP021487.D
Acq On : 13 Aug 2024 16:53
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

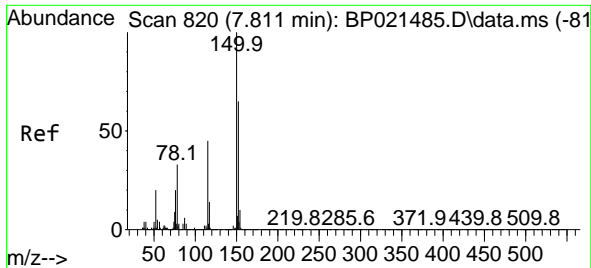
Quant Time: Aug 13 23:48:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 23:44:24 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

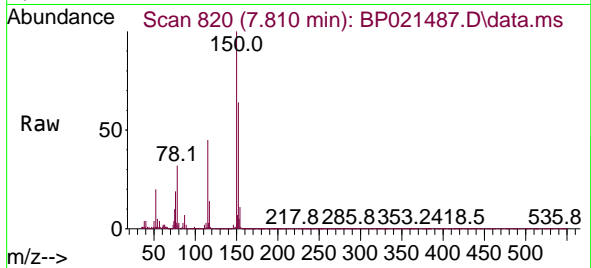


- 1
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- 15
- 16
- 17



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.810 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

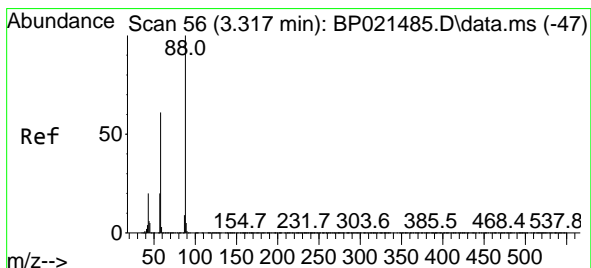
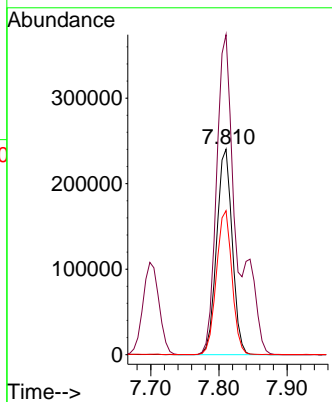
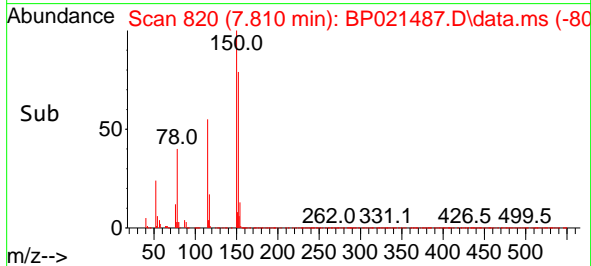
Instrument :
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 ClientSampleId :
 SSTDICC060



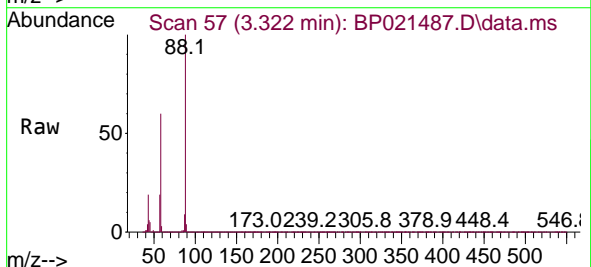
Tgt Ion:152 Resp: 382200
 Ion Ratio Lower Upper
 152 100
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 115 70.1 54.7 82.1

Manual Integrations
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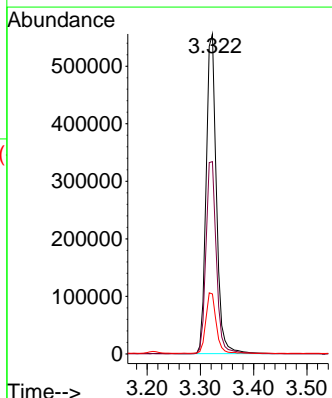
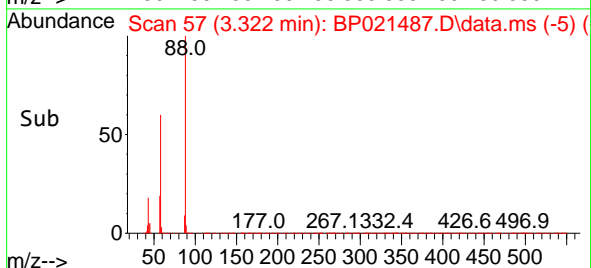
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

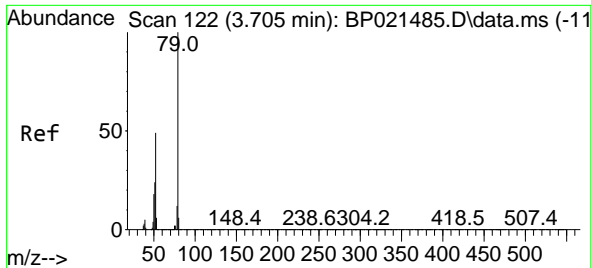


#2
 1,4-Dioxane
 Concen: 60.569 ng
 RT: 3.322 min Scan# 57
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



Tgt Ion: 88 Resp: 739240
 Ion Ratio Lower Upper
 88 100
 58 61.4 48.7 73.1
 43 19.1 15.4 23.2





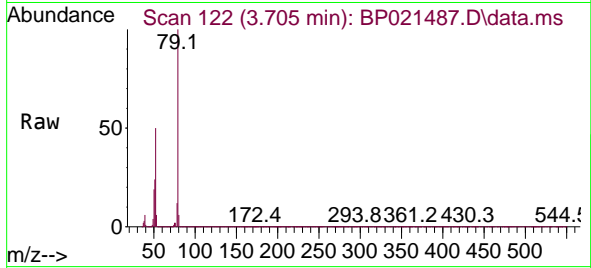
#3
 Pyridine
 Concen: 61.723 ng m
 RT: 3.705 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument :

BNA_P

Client Sample Id :

SSTDICC060



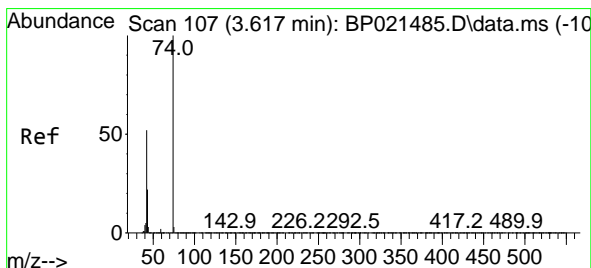
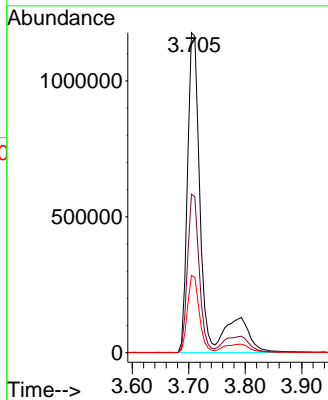
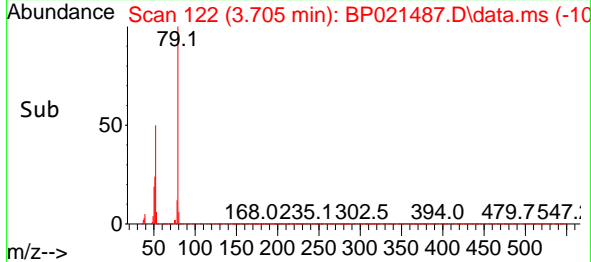
Tgt Ion: 79 Resp: 2102990
 Ion Ratio Lower Upper
 79 100
 52 49.5 39.0 58.6
 51 24.1 19.2 28.8

Manual Integrations

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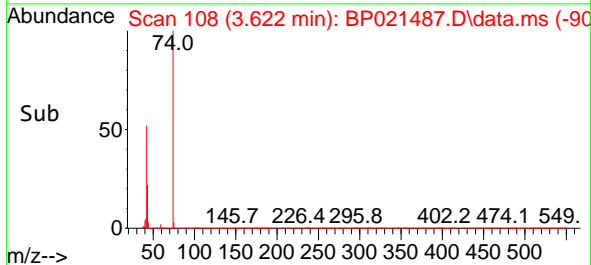
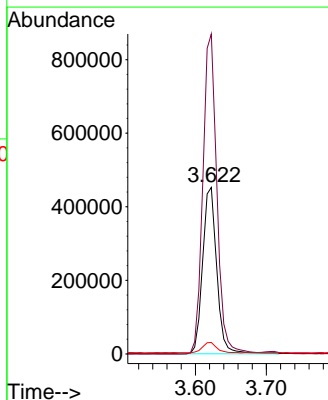
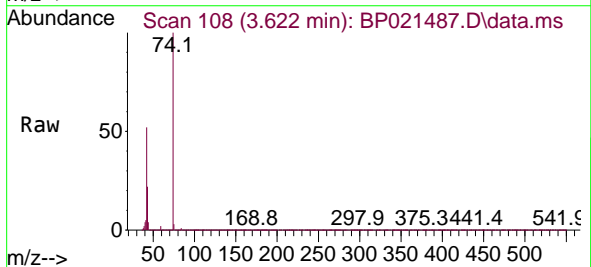
Reviewed By :Yogesh Patel 08/14/2024

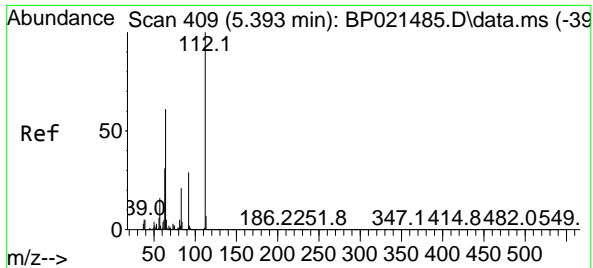
Supervised By :mohammad ahmed 08/14/2024



#4
 n-Nitrosodimethylamine
 Concen: 61.099 ng
 RT: 3.622 min Scan# 108
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

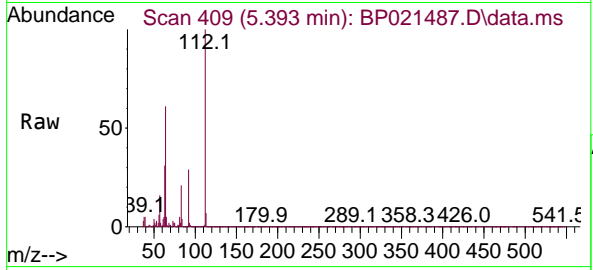
Tgt Ion: 42 Resp: 625716
 Ion Ratio Lower Upper
 42 100
 74 192.1 154.3 231.5
 44 7.0 6.2 9.4





#5
 2-Fluorophenol
 Concen: 124.817 ng
 RT: 5.393 min Scan# 409
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

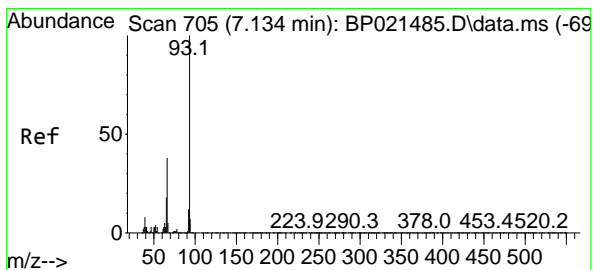
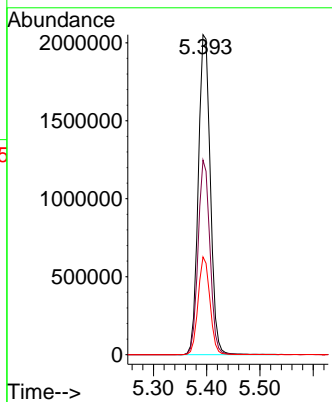
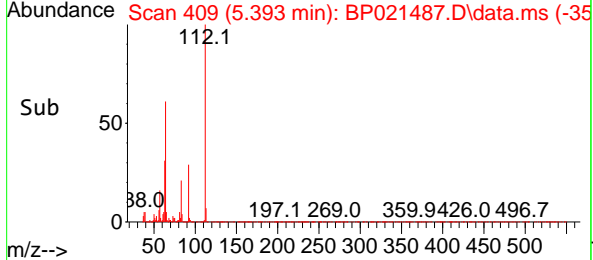
Instrument : BNA_P
 Client Sample Id : SSTDICC060



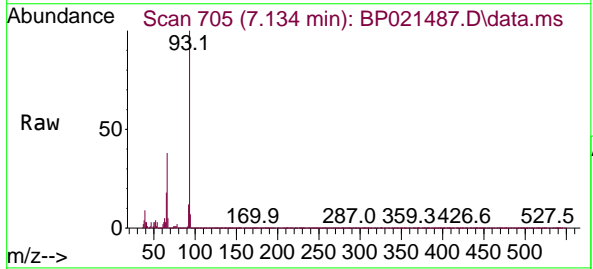
Tgt Ion: 112 Resp: 321282
 Ion Ratio Lower Upper
 112 100
 64 60.8 49.0 73.6
 63 30.6 24.6 36.8

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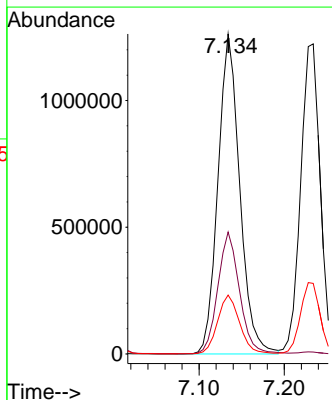
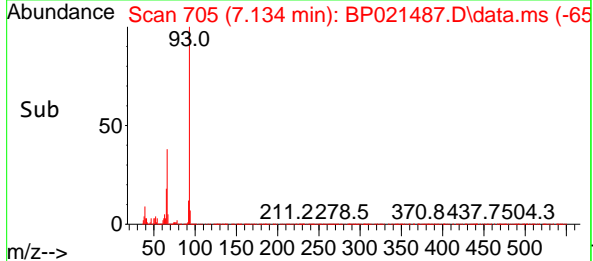
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

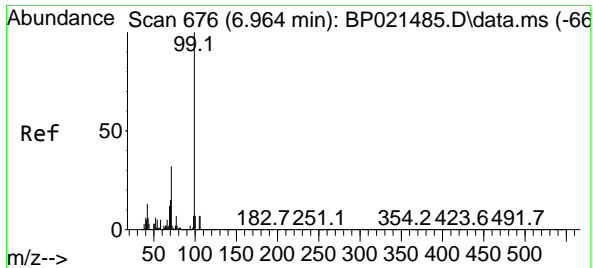


#6
 Aniline
 Concen: 59.670 ng
 RT: 7.134 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



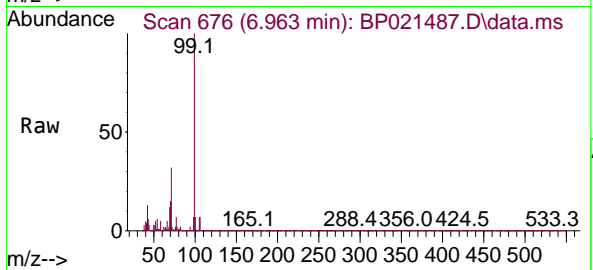
Tgt Ion: 93 Resp: 2239942
 Ion Ratio Lower Upper
 93 100
 66 38.1 30.2 45.2
 65 18.4 14.7 22.1





#7
 Phenol-d6
 Concen: 122.053 ng
 RT: 6.963 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

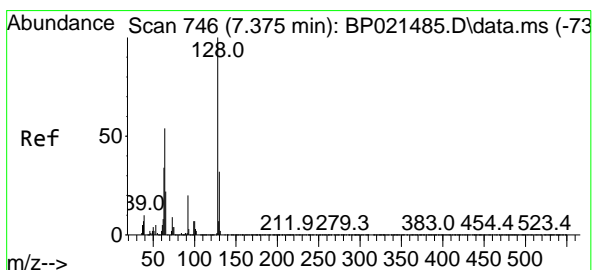
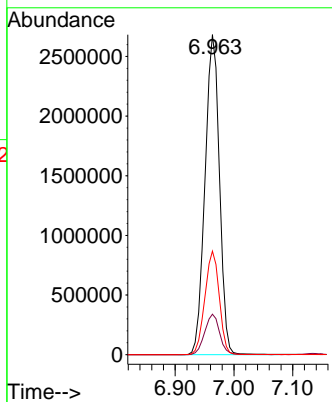
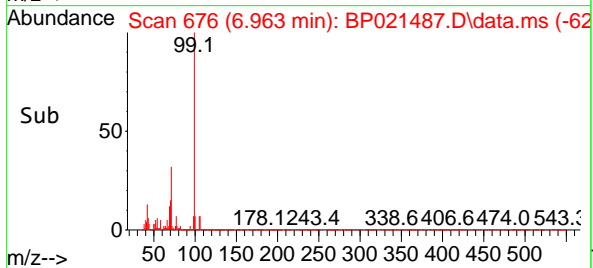
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC060



Tgt Ion: 99 Resp: 458298
 Ion Ratio Lower Upper
 99 100
 42 12.6 10.2 15.4
 71 32.4 25.8 38.8

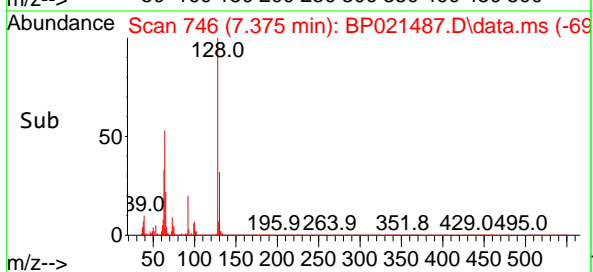
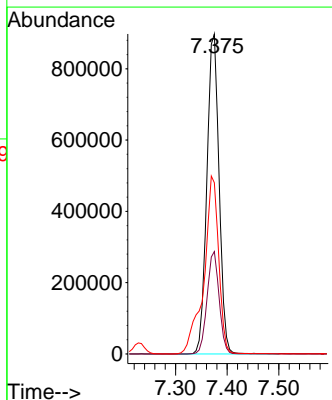
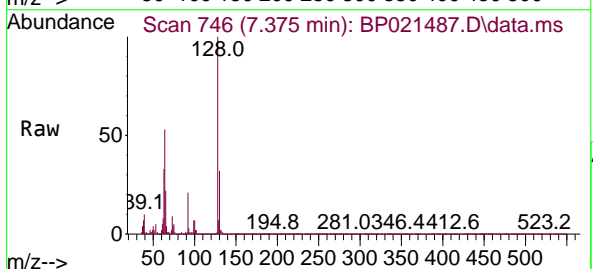
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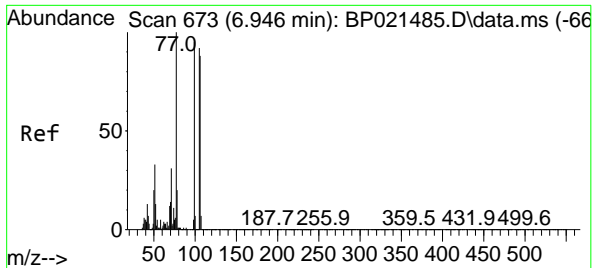
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#8
 2-Chlorophenol
 Concen: 61.917 ng
 RT: 7.375 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

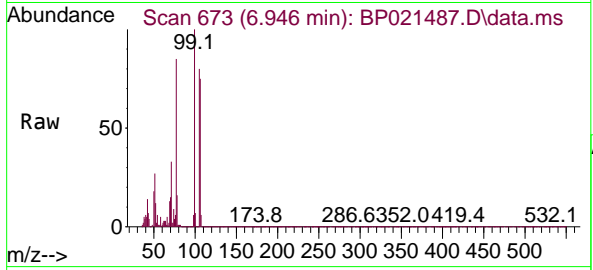
Tgt Ion:128 Resp: 1472845
 Ion Ratio Lower Upper
 128 100
 130 32.0 11.6 51.6
 64 53.5 35.3 75.3





#9
 Benzaldehyde
 Concen: 50.428 ng
 RT: 6.946 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

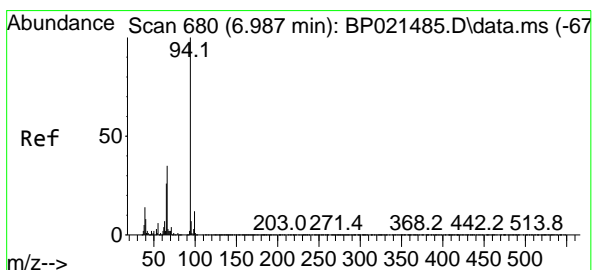
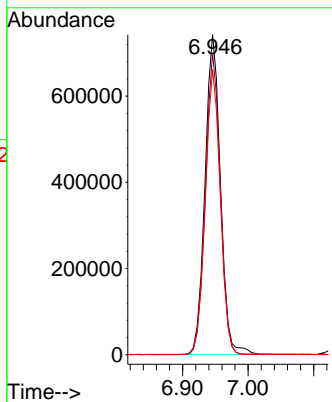
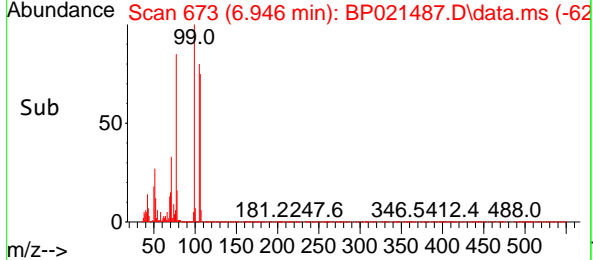
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC060



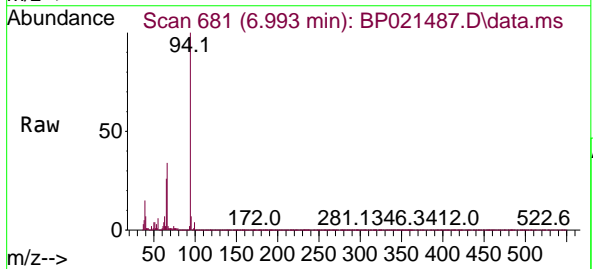
Tgt Ion: 77 Resp: 1212390
 Ion Ratio Lower Upper
 77 100
 105 94.4 72.1 112.1
 106 89.1 67.9 107.9

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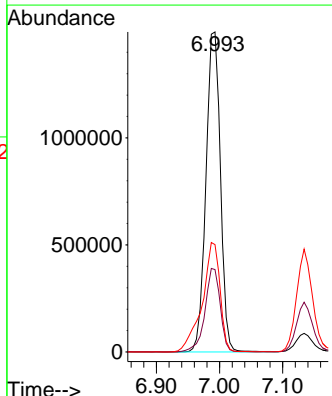
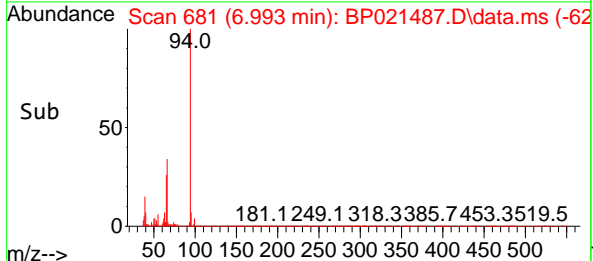
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

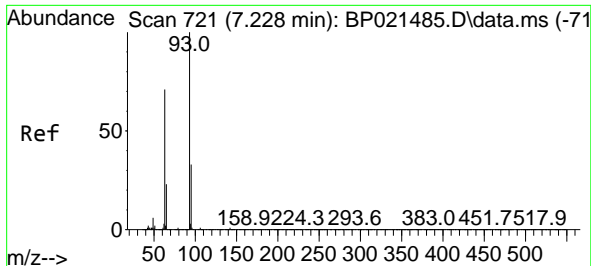


#10
 Phenol
 Concen: 61.254 ng
 RT: 6.993 min Scan# 681
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



Tgt Ion: 94 Resp: 2381743
 Ion Ratio Lower Upper
 94 100
 65 25.8 6.5 46.5
 66 33.6 14.7 54.7





#11
 bis(2-Chloroethyl)ether
 Concen: 58.905 ng
 RT: 7.234 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

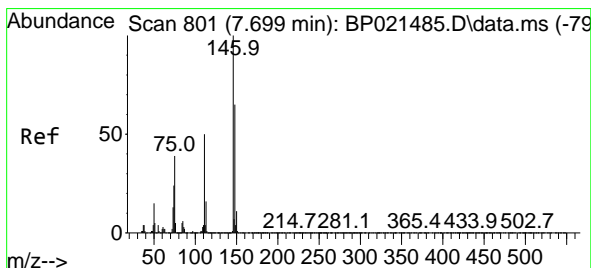
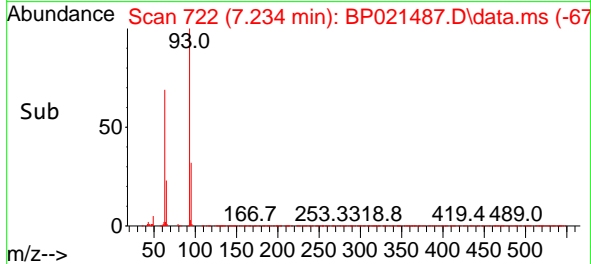
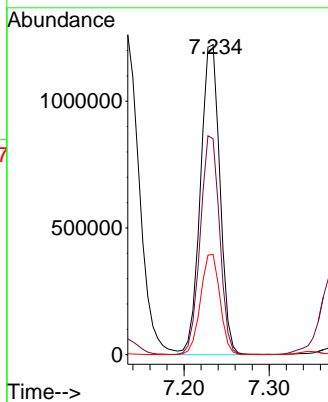
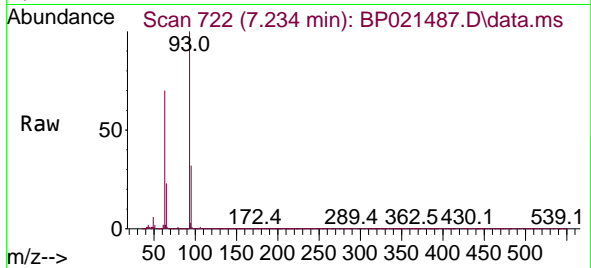
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Tgt Ion: 93 Resp: 193806

Ion	Ratio	Lower	Upper
93	100		
63	69.6	51.0	91.0
95	32.4	12.9	52.9

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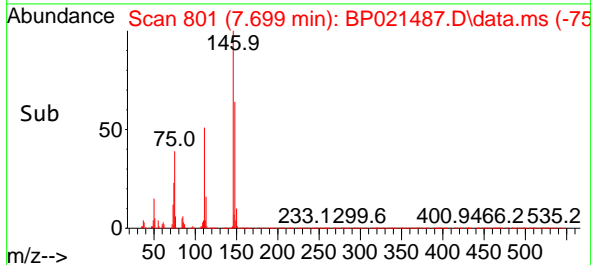
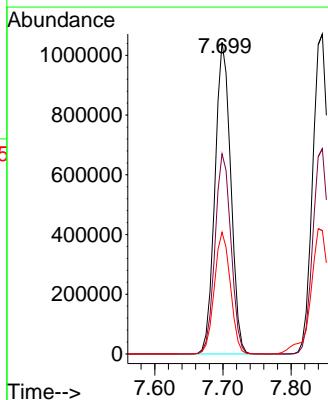
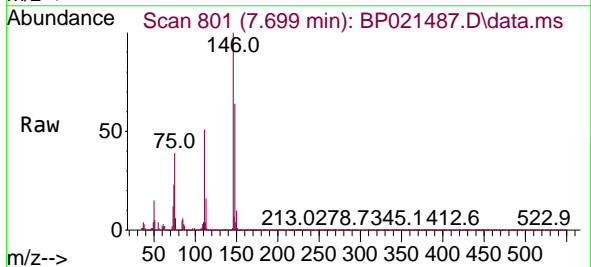
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

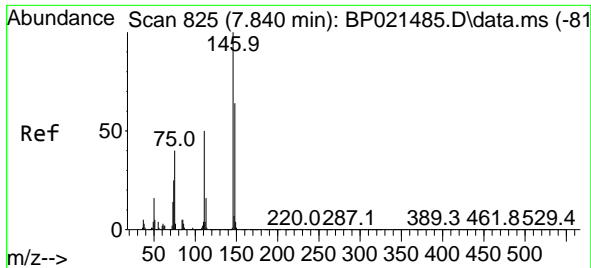


#12
 1,3-Dichlorobenzene
 Concen: 59.538 ng
 RT: 7.699 min Scan# 801
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Tgt Ion:146 Resp: 1682261

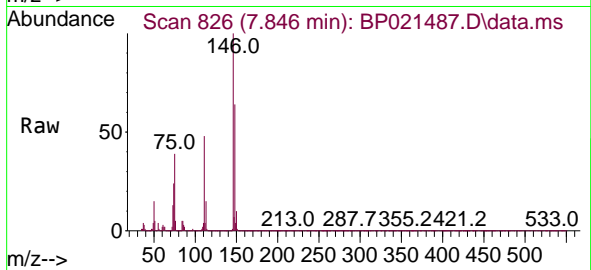
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
75	39.1	31.3	46.9





#13
 1,4-Dichlorobenzene
 Concen: 59.904 ng
 RT: 7.846 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

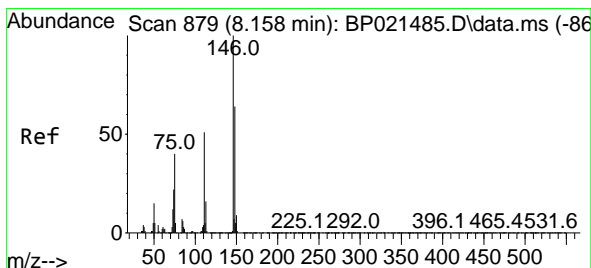
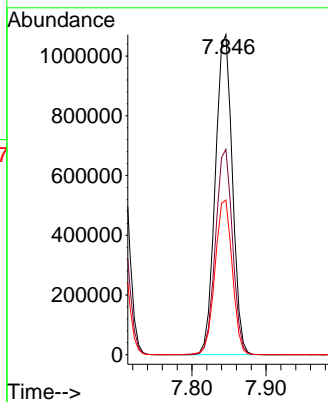
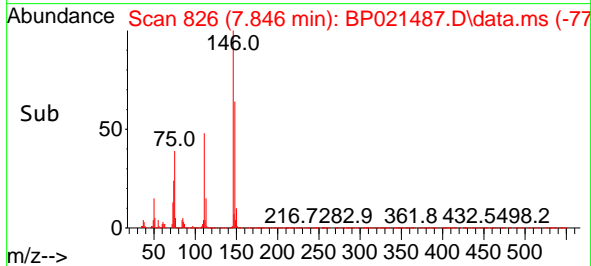
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC060



Tgt Ion:146 Resp: 1709124
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.5 77.3
 111 48.4 40.3 60.5

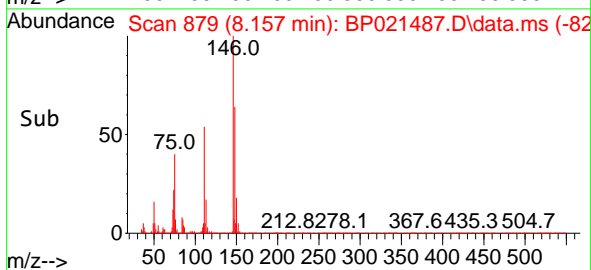
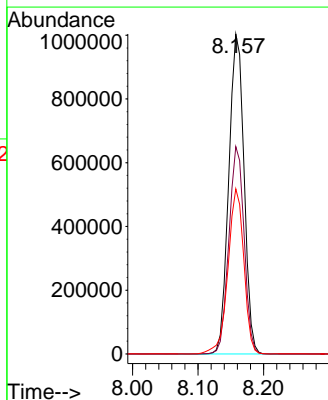
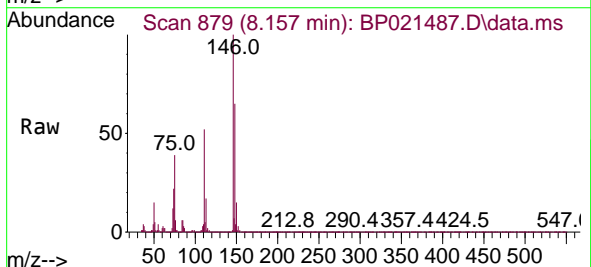
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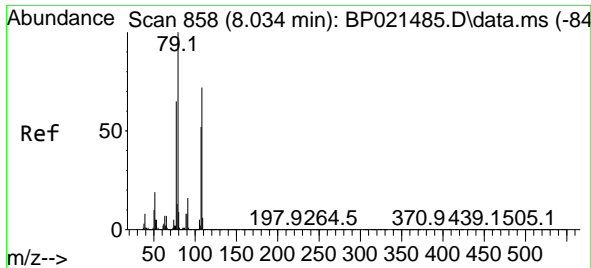
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#14
 1,2-Dichlorobenzene
 Concen: 59.070 ng
 RT: 8.157 min Scan# 879
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

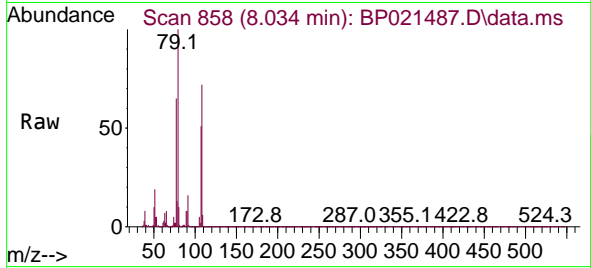
Tgt Ion:146 Resp: 1624118
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.5 77.3
 111 51.6 41.1 61.7





#15
 Benzyl Alcohol
 Concen: 61.166 ng
 RT: 8.034 min Scan# 801
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC060

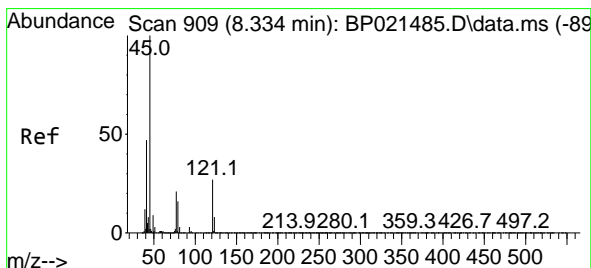
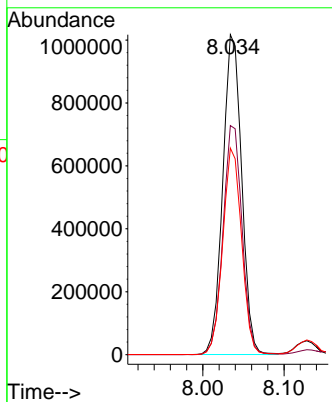
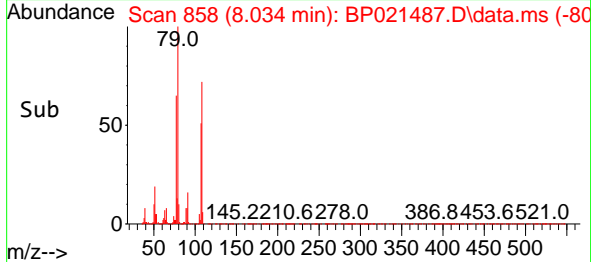


Tgt Ion: 79 Resp: 1647924

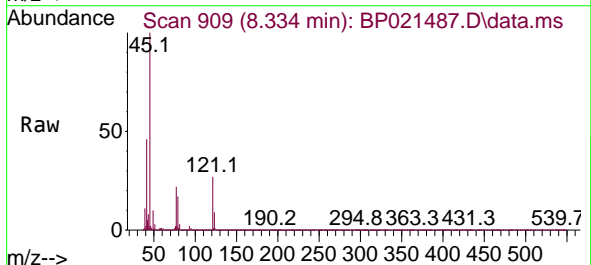
Ion	Ratio	Lower	Upper
79	100		
108	71.6	57.9	86.9
77	64.5	51.8	77.8

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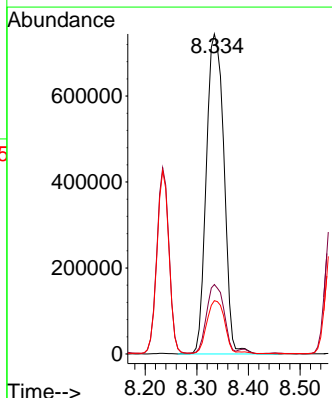
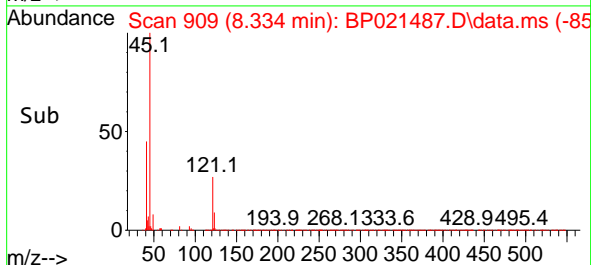


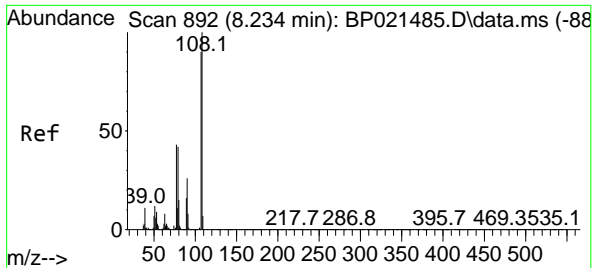
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 57.982 ng
 RT: 8.334 min Scan# 909
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



Tgt Ion: 45 Resp: 1756837

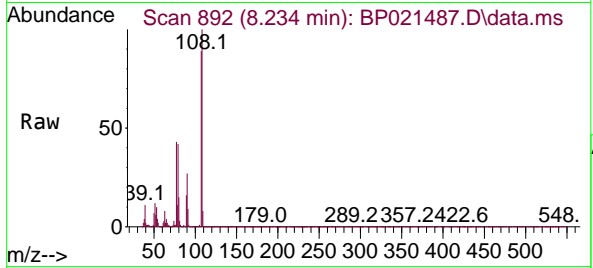
Ion	Ratio	Lower	Upper
45	100		
77	21.7	1.9	41.9
79	16.6	0.0	36.6





#17
 2-Methylphenol
 Concen: 60.098 ng
 RT: 8.234 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC060

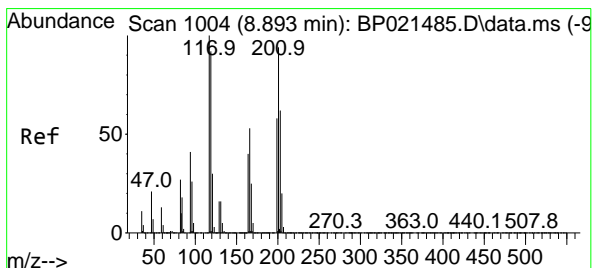
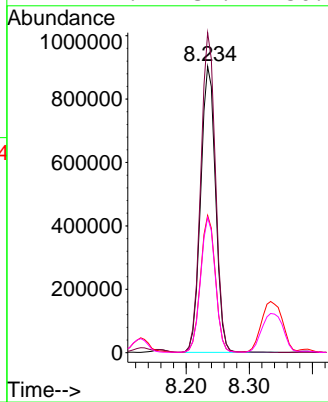
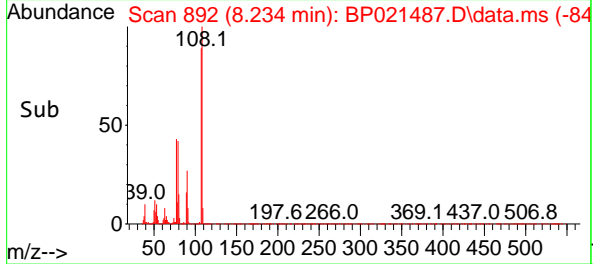


Tgt Ion: 107 Resp: 1477294

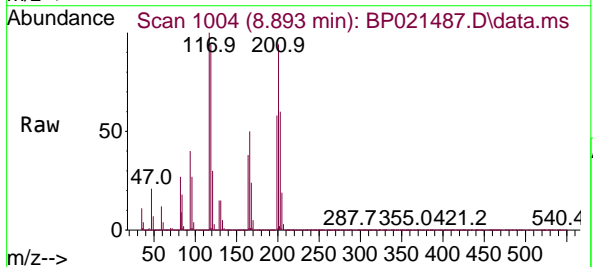
Ion	Ratio	Lower	Upper
107	100		
108	111.8	88.8	133.2
77	48.0	38.7	58.1
79	47.2	37.4	56.2

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 Supervised By :mohammad ahmed 08/14/2024

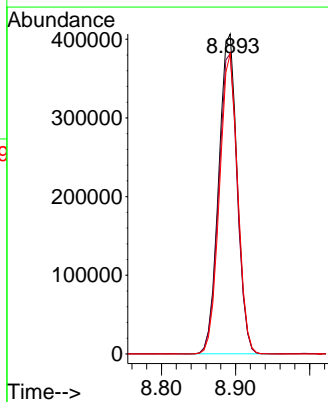
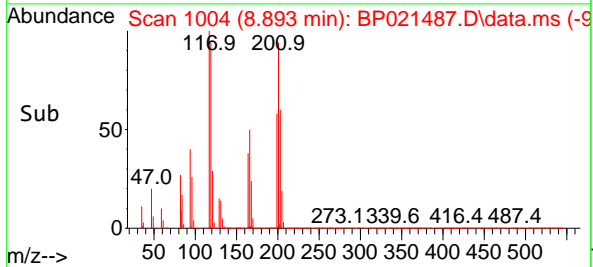


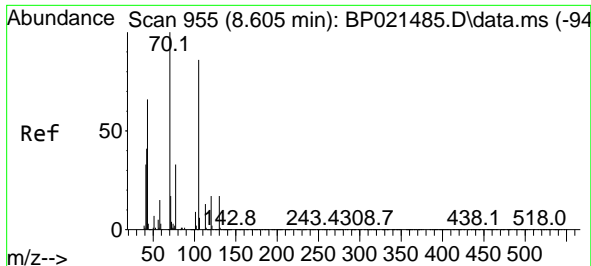
#18
 Hexachloroethane
 Concen: 61.570 ng
 RT: 8.893 min Scan# 1004
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



Tgt Ion: 117 Resp: 704431

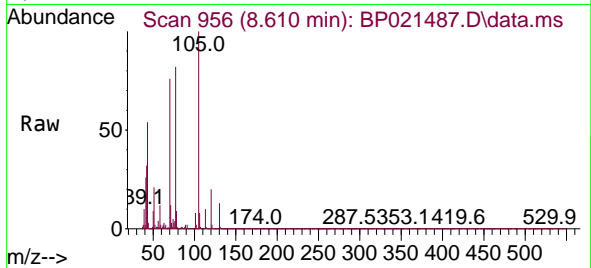
Ion	Ratio	Lower	Upper
117	100		
119	93.9	73.9	110.9
201	93.8	74.9	112.3





#19
 n-Nitroso-di-n-propylamine
 Concen: 56.194 ng
 RT: 8.610 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC060

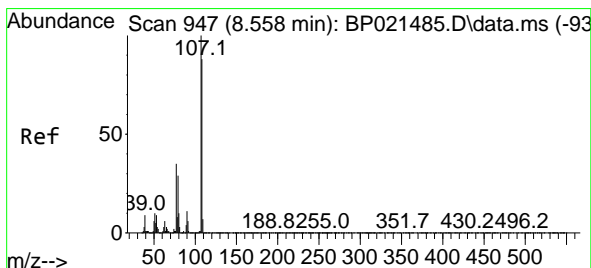
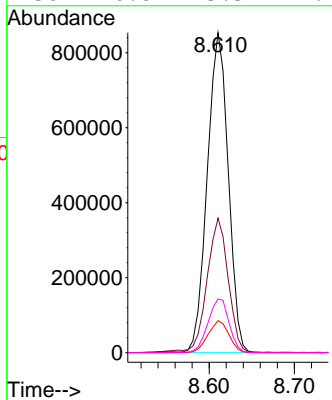
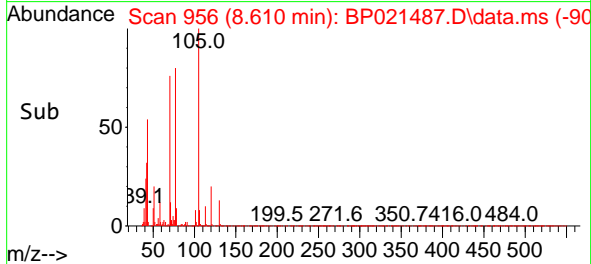


Tgt Ion: 70 Resp: 1457549

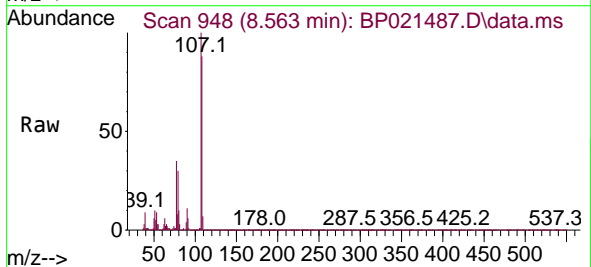
Ion	Ratio	Lower	Upper
70	100		
42	42.0	33.1	49.7
101	10.0	7.4	11.2
130	16.8	13.3	19.9

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 Supervised By :mohammad ahmed 08/14/2024

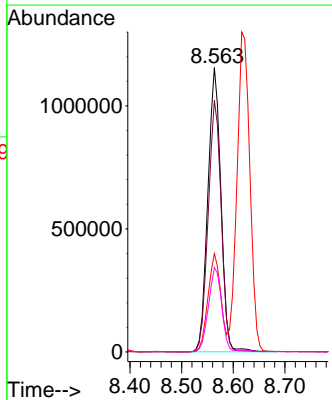
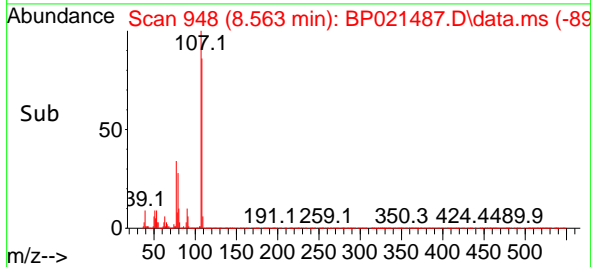


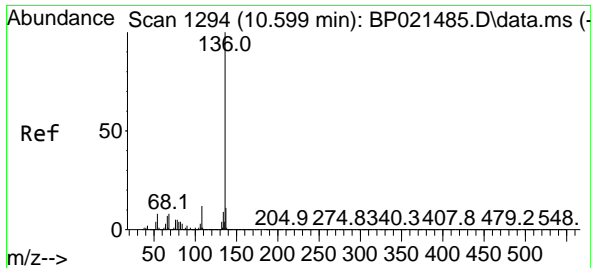
#20
 3+4-Methylphenols
 Concen: 61.202 ng
 RT: 8.563 min Scan# 948
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



Tgt Ion:107 Resp: 2028575

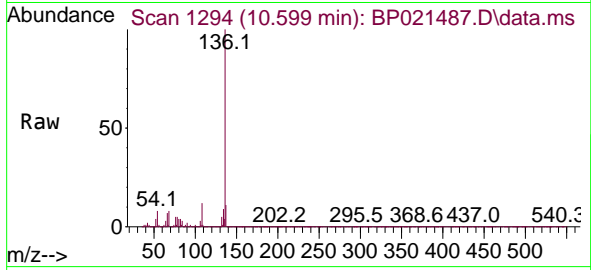
Ion	Ratio	Lower	Upper
107	100		
108	88.4	67.6	107.6
77	34.6	15.0	55.0
79	29.6	8.9	48.9





#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.599 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC060

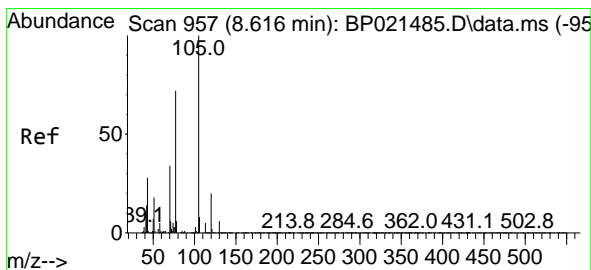
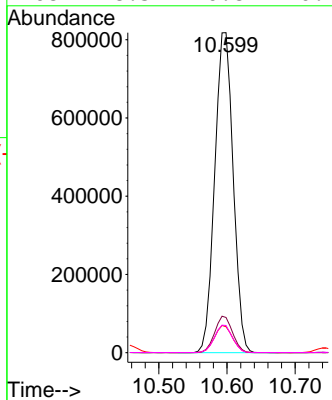
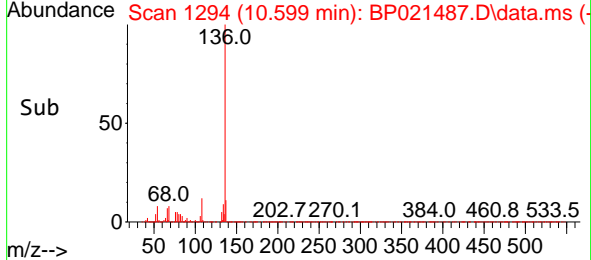


Tgt Ion:136 Resp: 153921

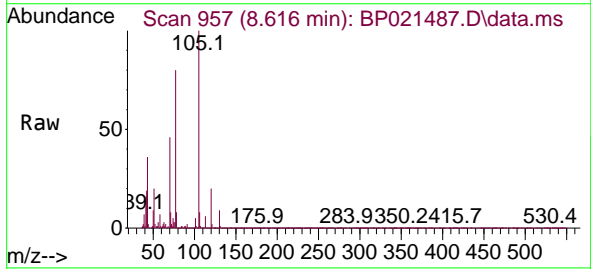
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.1	6.3	9.5
68	8.5	6.8	10.2

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

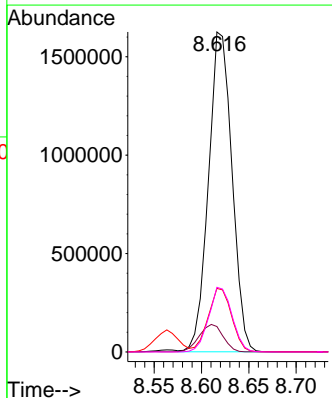
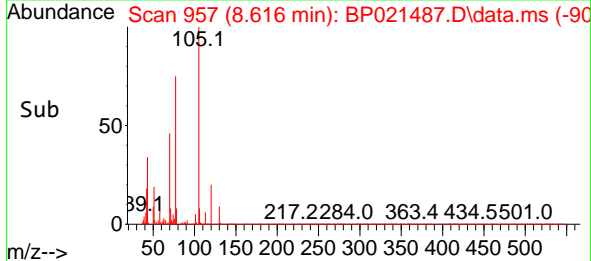


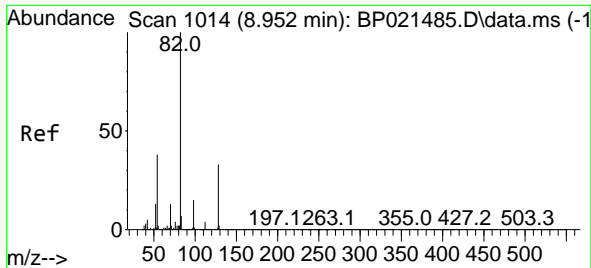
#22
 Acetophenone
 Concen: 59.500 ng
 RT: 8.616 min Scan# 957
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



Tgt Ion:105 Resp: 2813557

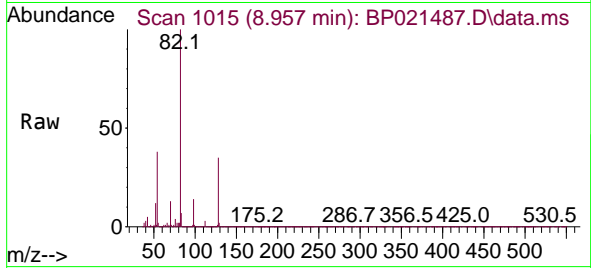
Ion	Ratio	Lower	Upper
105	100		
71	8.0	4.6	7.0#
51	19.9	16.3	24.5
120	20.2	16.2	24.2





#23
 Nitrobenzene-d5
 Concen: 134.966 ng
 RT: 8.957 min Scan# 1015
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

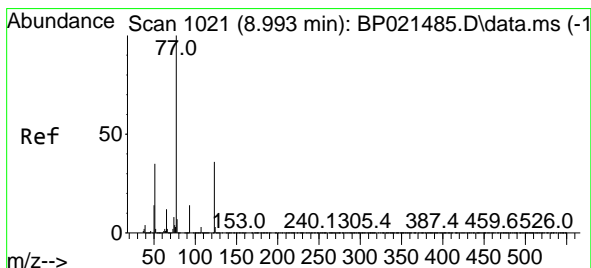
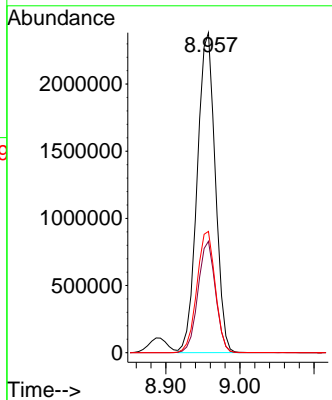
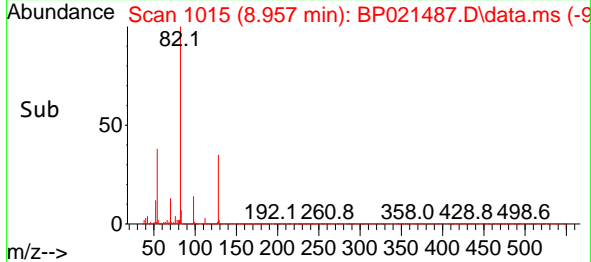
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC060



Tgt Ion: 82 Resp: 402482
 Ion Ratio Lower Upper
 82 100
 128 34.8 26.5 39.7
 54 37.9 30.3 45.5

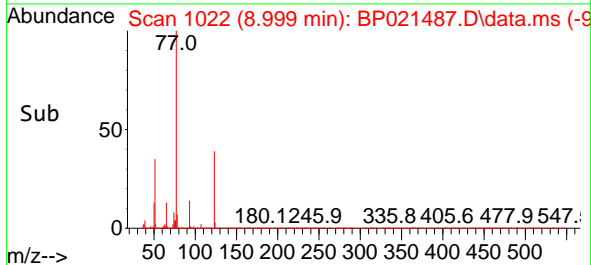
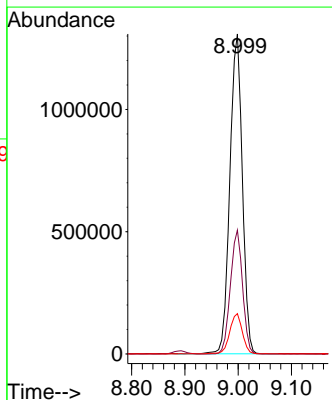
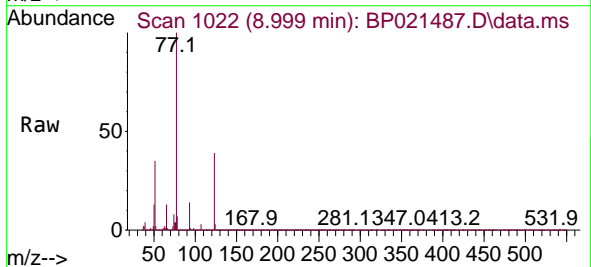
Manual Integrations
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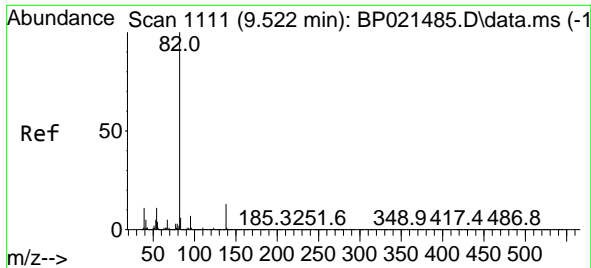
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#24
 Nitrobenzene
 Concen: 65.650 ng
 RT: 8.999 min Scan# 1022
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

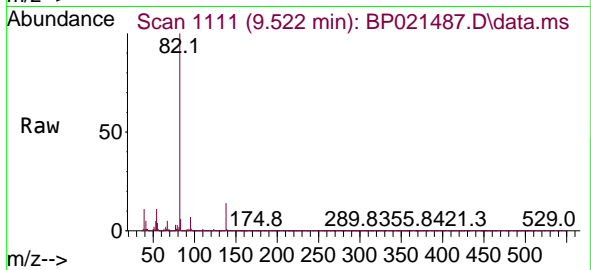
Tgt Ion: 77 Resp: 2126322
 Ion Ratio Lower Upper
 77 100
 123 38.7 29.5 44.3
 65 12.6 9.9 14.9





#25
 Isophorone
 Concen: 58.086 ng
 RT: 9.522 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

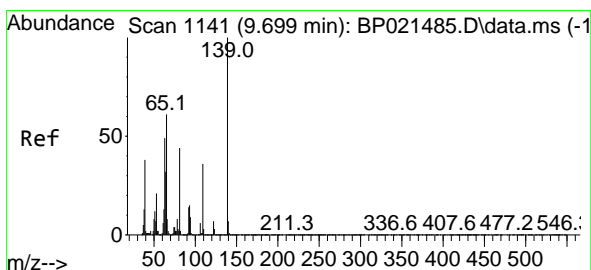
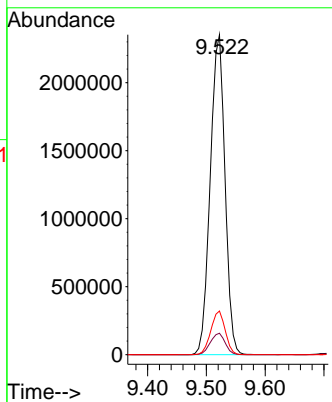
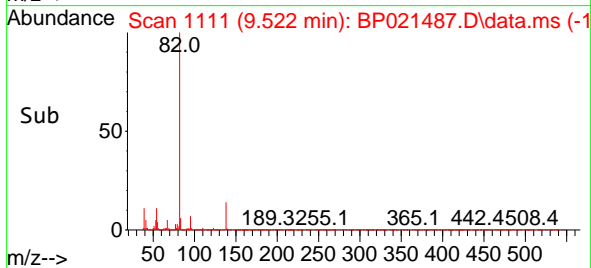
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC060



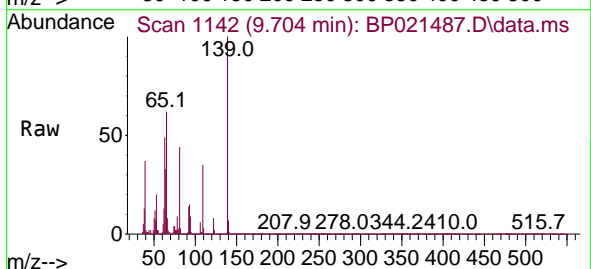
Tgt Ion: 82 Resp: 4092218
 Ion Ratio Lower Upper
 82 100
 95 6.7 5.4 8.2
 138 13.6 10.6 16.0

Manual Integrations
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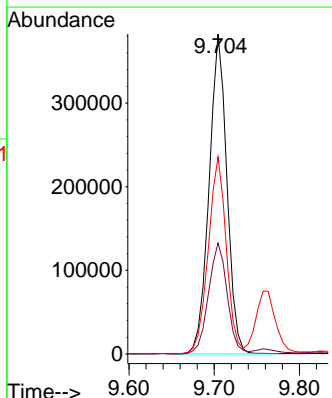
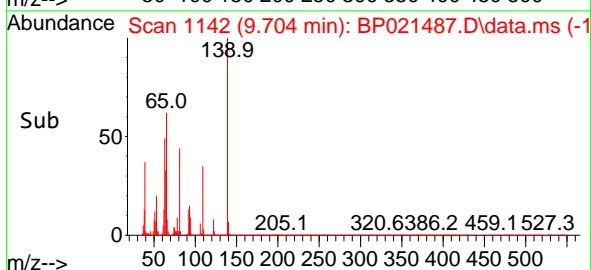
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

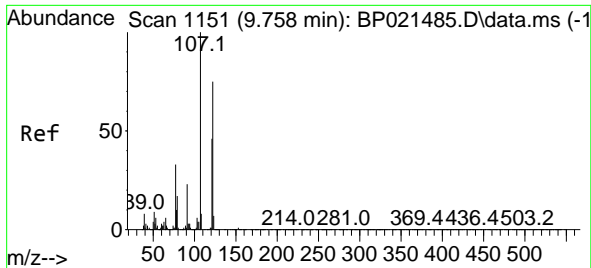


#26
 2-Nitrophenol
 Concen: 60.117 ng
 RT: 9.704 min Scan# 1142
 Delta R.T. 0.005 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



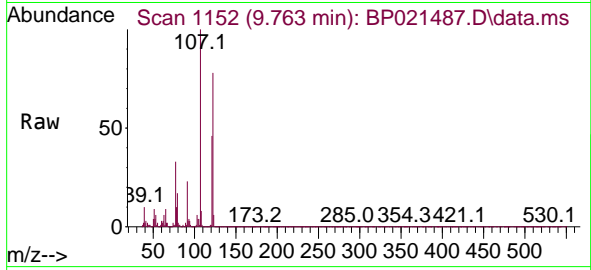
Tgt Ion:139 Resp: 554873
 Ion Ratio Lower Upper
 139 100
 109 34.7 28.9 43.3
 65 61.6 49.0 73.6





#27
 2,4-Dimethylphenol
 Concen: 61.792 ng
 RT: 9.763 min Scan# 1152
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

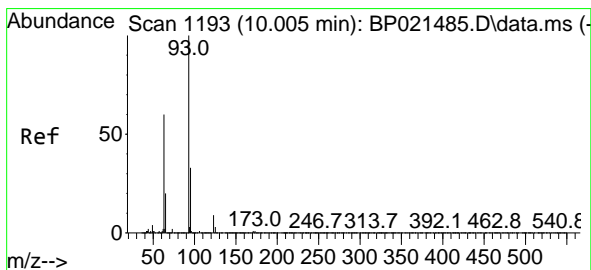
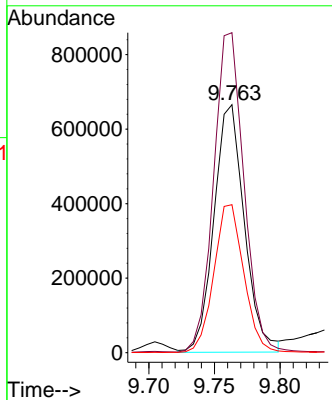
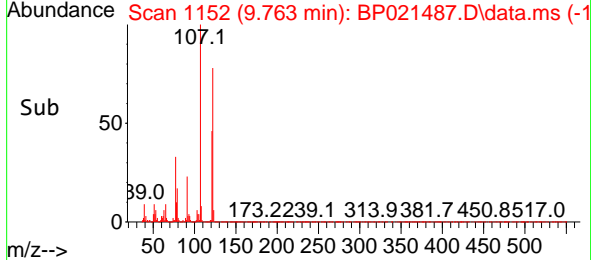
Instrument : BNA_P
 Client Sample Id : SSTDICC060



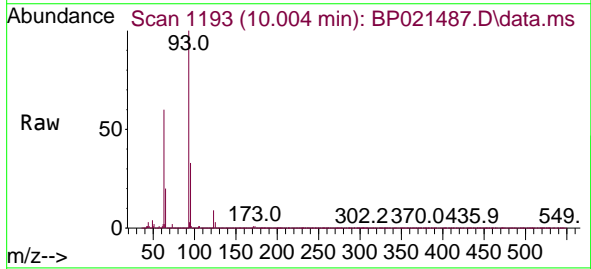
Tgt Ion: 122 Resp: 107433
 Ion Ratio Lower Upper
 122 100
 107 129.0 106.2 159.4
 121 59.7 48.8 73.2

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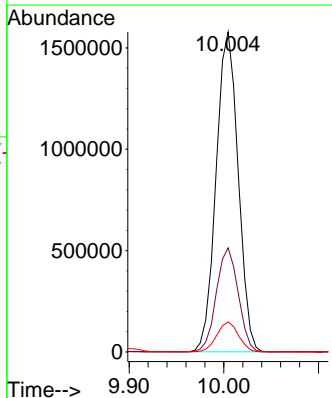
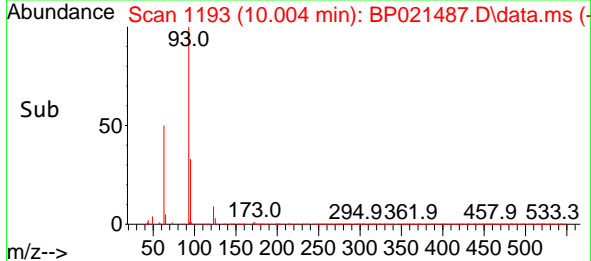
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

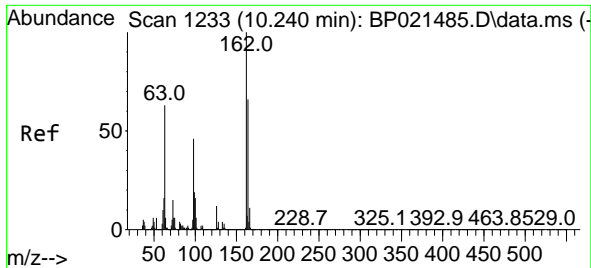


#28
 bis(2-Chloroethoxy)methane
 Concen: 59.443 ng
 RT: 10.004 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



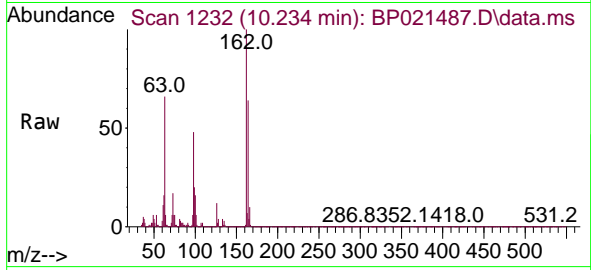
Tgt Ion: 93 Resp: 2556281
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.2 39.4
 123 9.4 7.6 11.4





#29
 2,4-Dichlorophenol
 Concen: 64.829 ng
 RT: 10.234 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument : BNA_P
 Client Sample Id : SSTDICC060

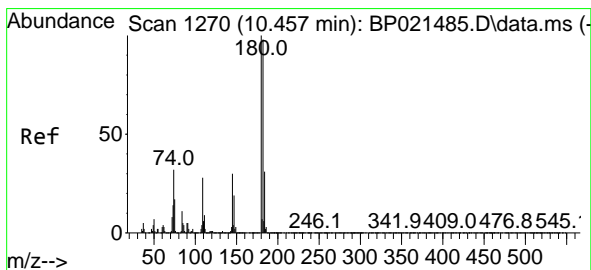
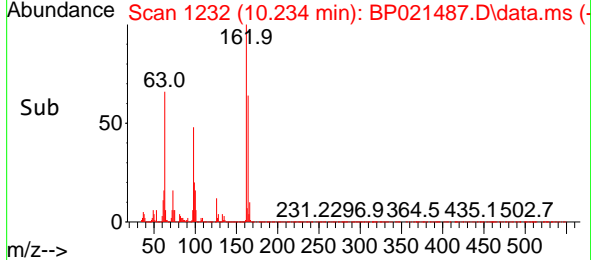
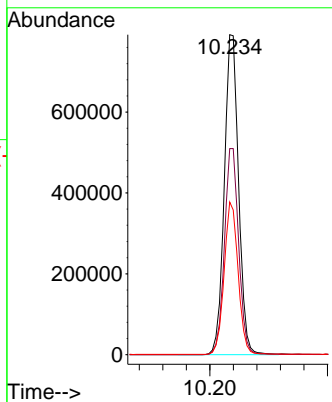


Tgt Ion:162 Resp: 1331749

Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.9	85.9
98	47.7	26.3	66.3

Manual Integrations
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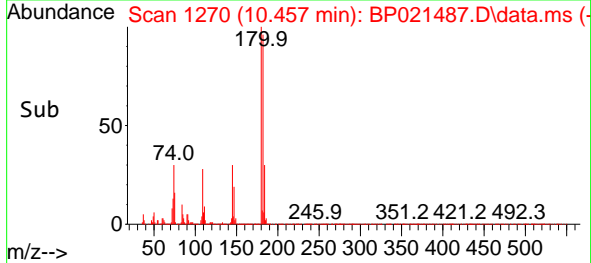
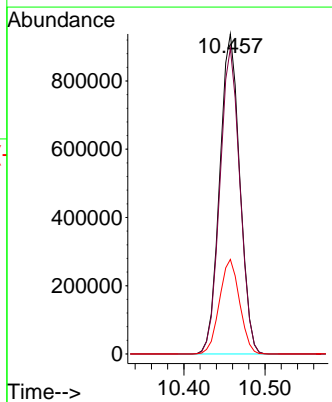
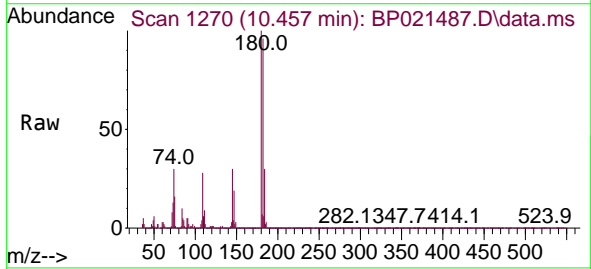
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

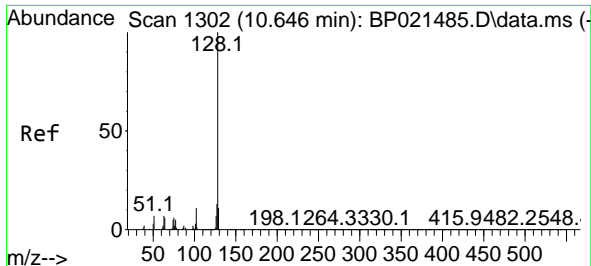


#30
 1,2,4-Trichlorobenzene
 Concen: 61.128 ng
 RT: 10.457 min Scan# 1270
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Tgt Ion:180 Resp: 1609924

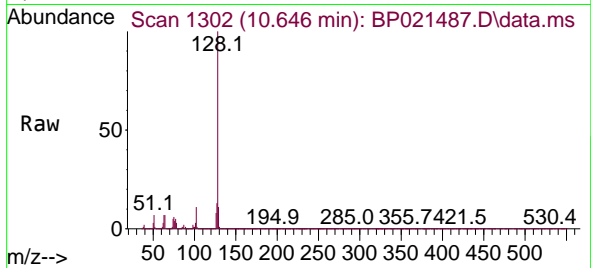
Ion	Ratio	Lower	Upper
180	100		
182	95.5	78.3	117.5
145	29.5	24.0	36.0





#31
 Naphthalene
 Concen: 60.059 ng
 RT: 10.646 min Scan# 1176
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

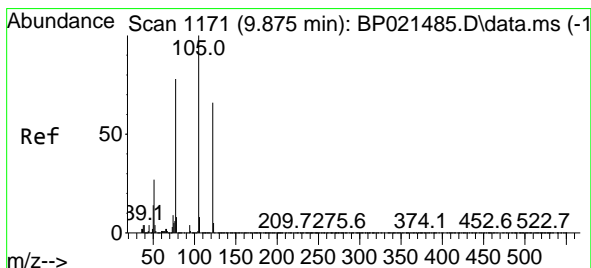
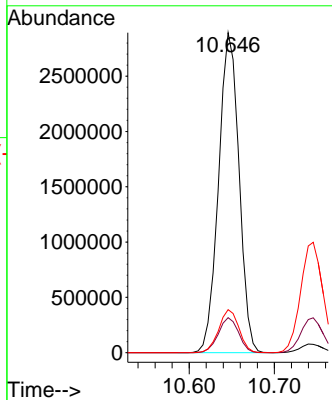
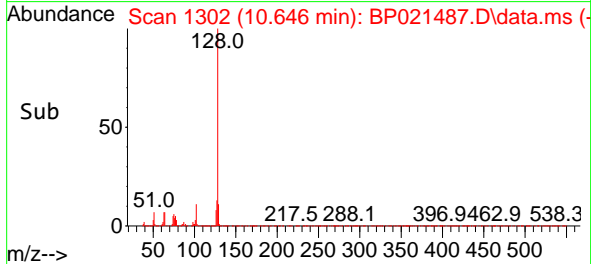
Instrument : BNA_P
 Client Sample Id : SSTDICC060



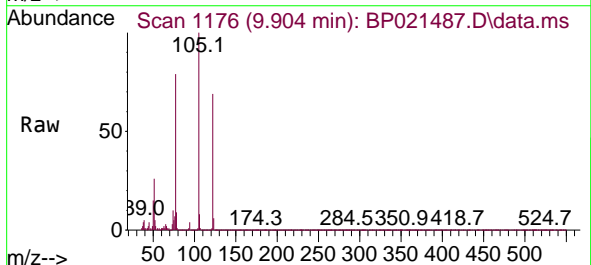
Tgt Ion:128 Resp: 482927
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.6 12.8
 127 13.4 10.6 15.8

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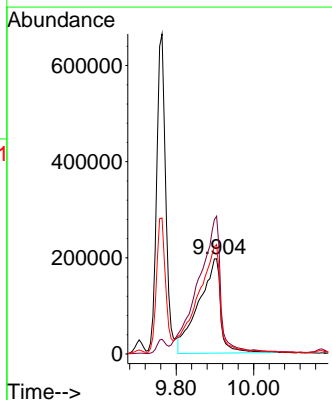
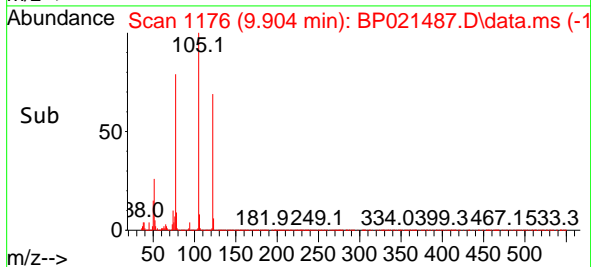
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

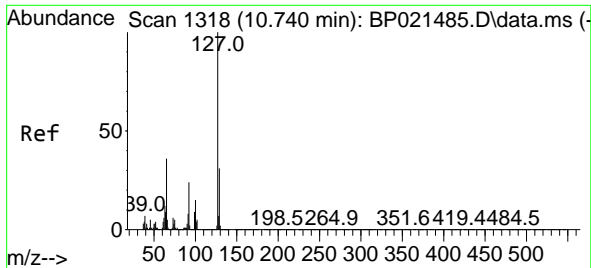


#32
 Benzoic acid
 Concen: 61.192 ng
 RT: 9.904 min Scan# 1176
 Delta R.T. 0.029 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



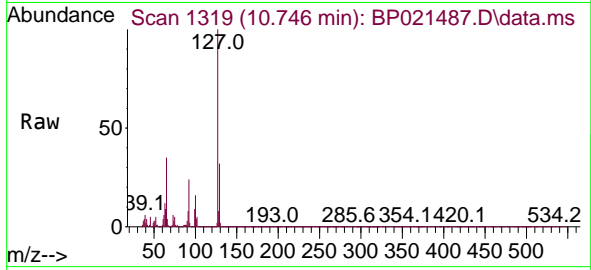
Tgt Ion:122 Resp: 775935
 Ion Ratio Lower Upper
 122 100
 105 144.5 124.6 164.6
 77 114.7 96.2 136.2





#33
 4-Chloroaniline
 Concen: 59.532 ng
 RT: 10.746 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

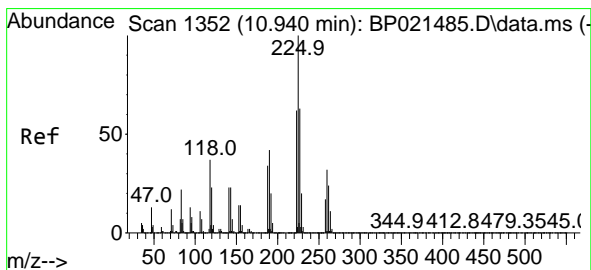
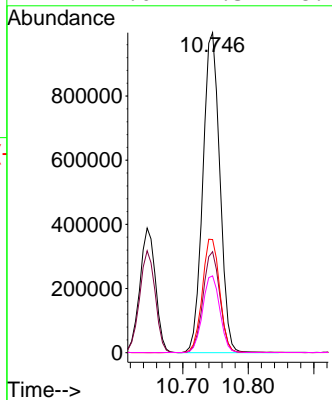
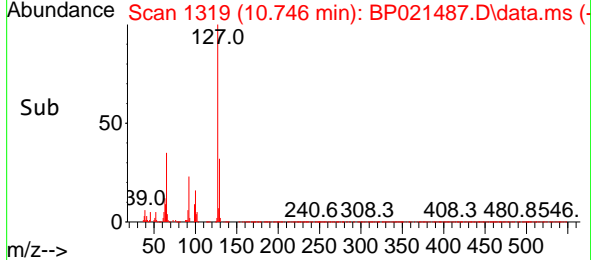


Tgt Ion:127 Resp: 179812

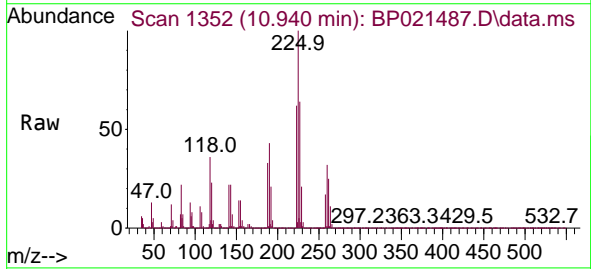
Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.5	36.7
65	35.4	28.9	43.3
92	24.0	19.3	28.9

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 Supervised By :mohammad ahmed 08/14/2024

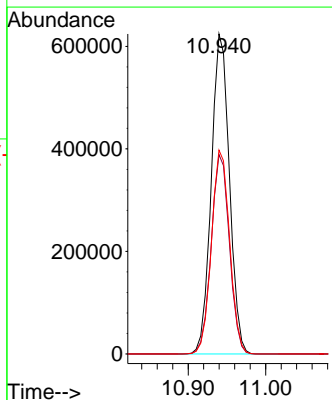
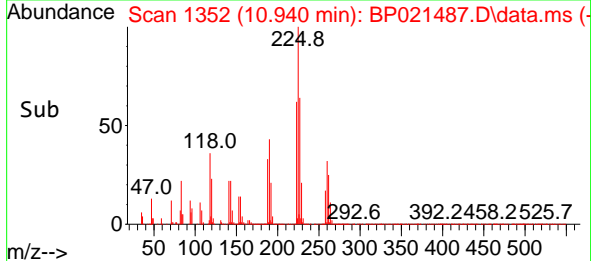


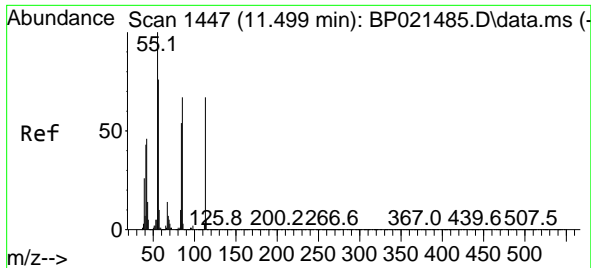
#34
 Hexachlorobutadiene
 Concen: 61.008 ng
 RT: 10.940 min Scan# 1352
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



Tgt Ion:225 Resp: 1011679

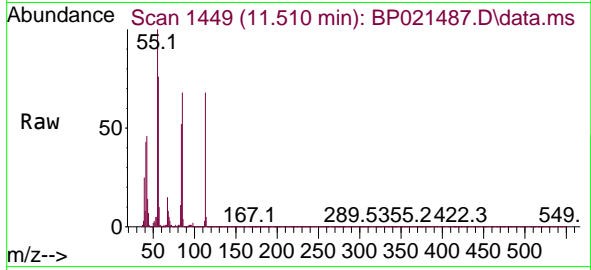
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.6	74.4
227	63.7	50.1	75.1





#35
 Caprolactam
 Concen: 61.084 ng
 RT: 11.510 min Scan# 1449
 Delta R.T. 0.012 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

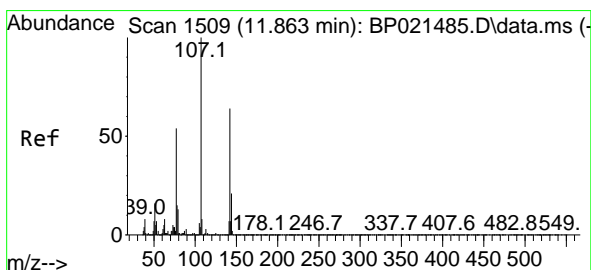
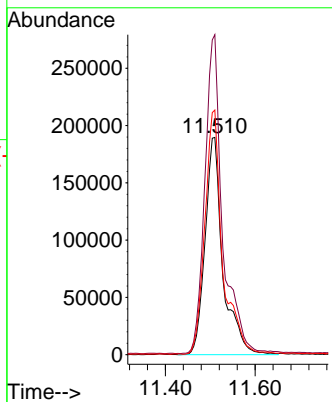
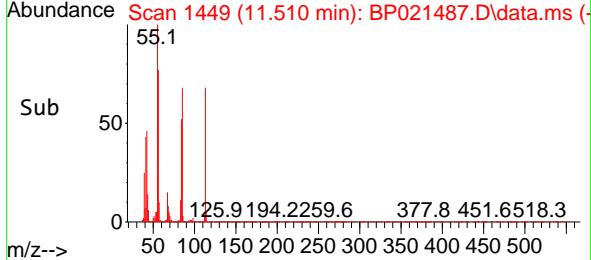
Instrument : BNA_P
 Client Sample Id : SSTDICC060



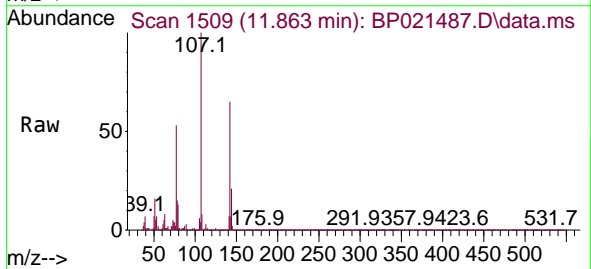
Tgt Ion: 113 Resp: 52223
 Ion Ratio Lower Upper
 113 100
 55 147.3 130.6 170.6
 56 112.6 94.6 134.6

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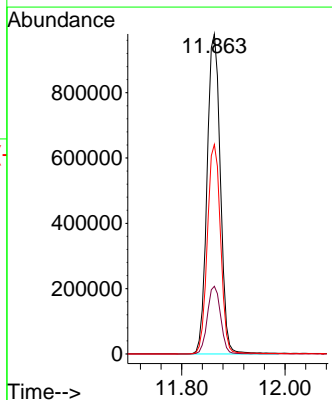
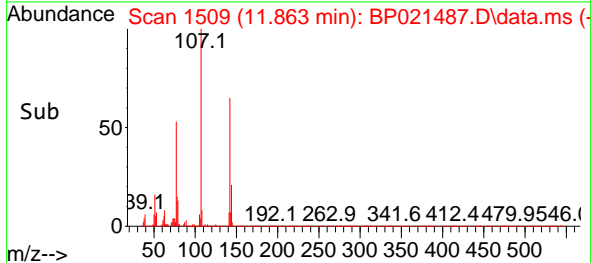
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

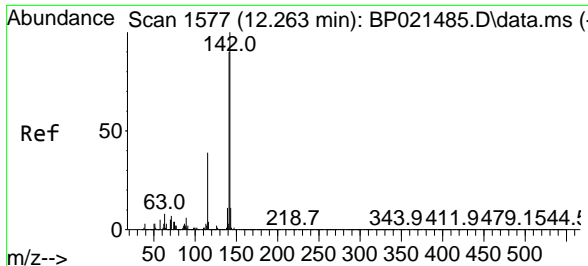


#36
 4-Chloro-3-methylphenol
 Concen: 61.283 ng
 RT: 11.863 min Scan# 1509
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



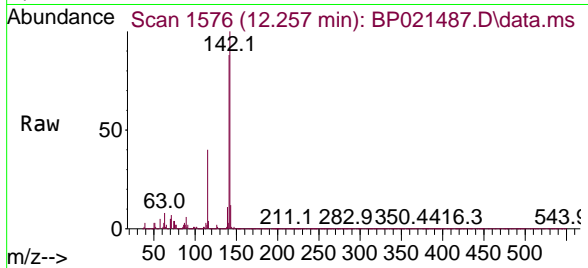
Tgt Ion: 107 Resp: 1746318
 Ion Ratio Lower Upper
 107 100
 144 21.1 16.6 24.8
 142 65.4 51.0 76.4





#37
 2-Methylnaphthalene
 Concen: 59.003 ng
 RT: 12.257 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

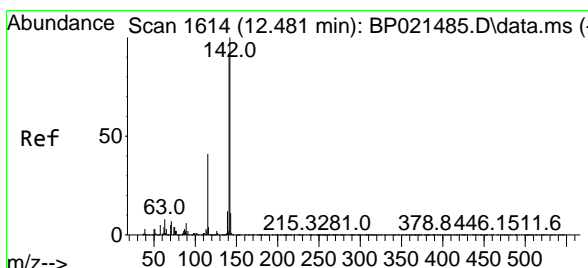
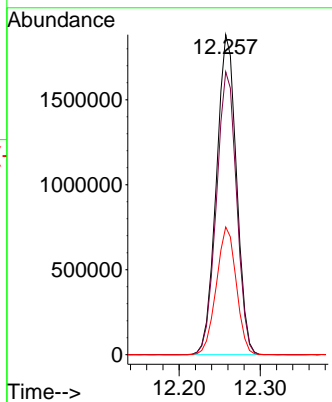
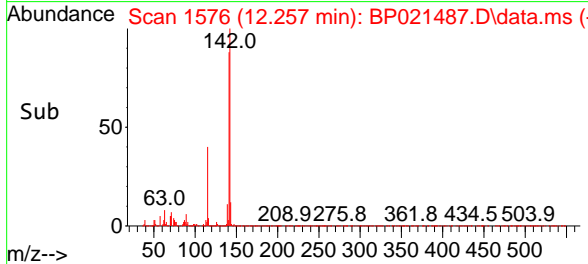
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060



Tgt Ion:142 Resp: 323804
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.7 107.5
 115 39.9 31.4 47.2

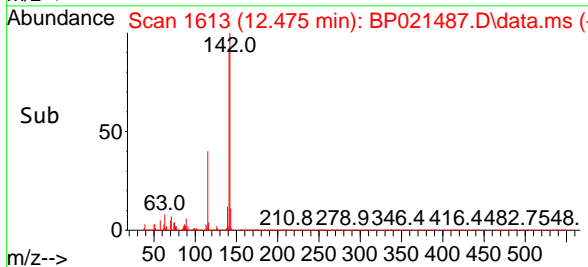
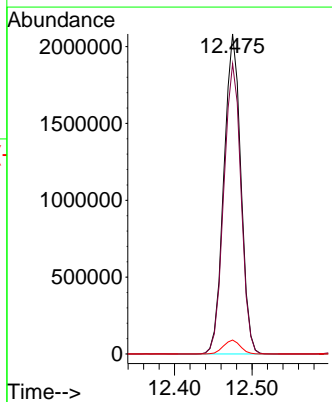
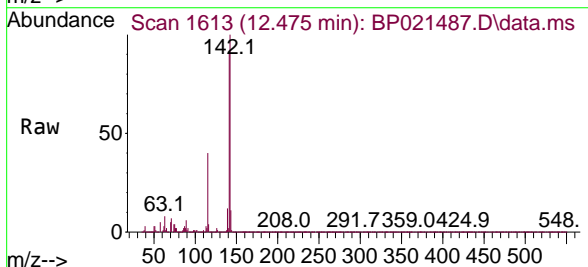
Manual Integrations
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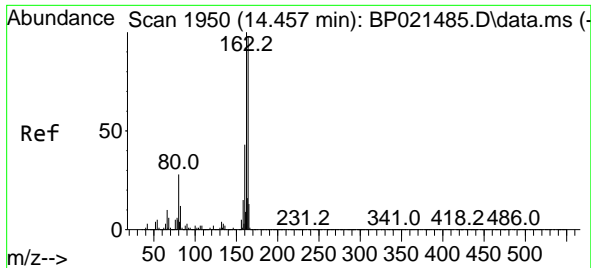
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#38
 1-Methylnaphthalene
 Concen: 58.451 ng
 RT: 12.475 min Scan# 1613
 Delta R.T. -0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Tgt Ion:142 Resp: 3163697
 Ion Ratio Lower Upper
 142 100
 141 90.7 73.5 110.3
 116 4.4 3.4 5.2





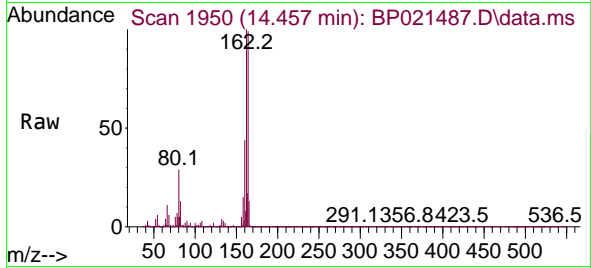
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.457 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument :

BNA_P

Client Sample Id :

SSTDICC060

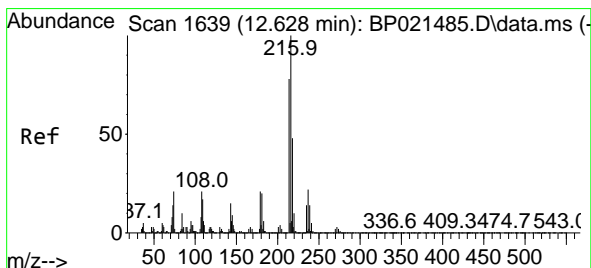
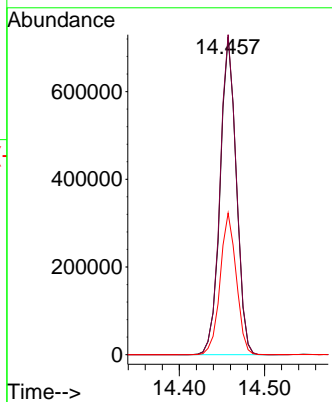
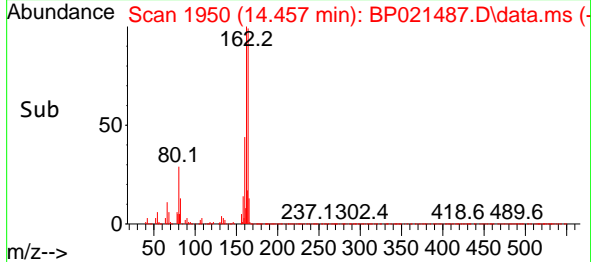


Tgt Ion:164 Resp: 95319
 Ion Ratio Lower Upper
 164 100
 162 100.7 81.5 122.3
 160 44.6 35.2 52.8

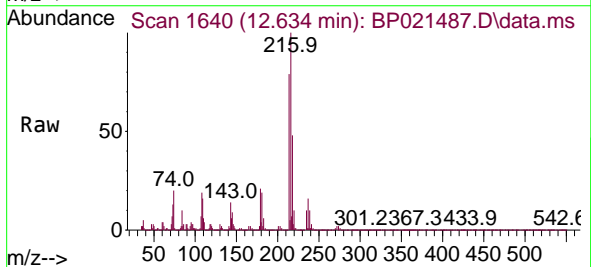
Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024

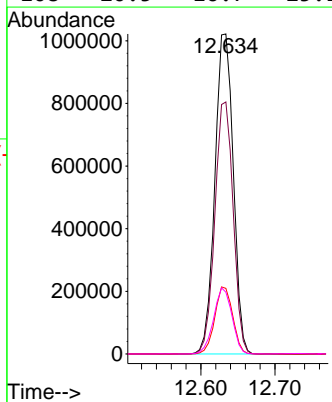
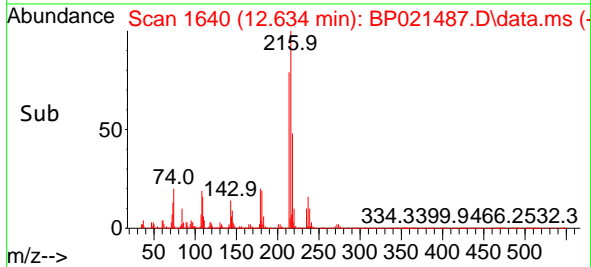
Supervised By :mohammad ahmed 08/14/2024

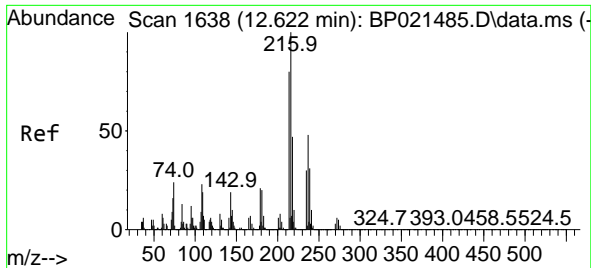


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 63.107 ng
 RT: 12.634 min Scan# 1640
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



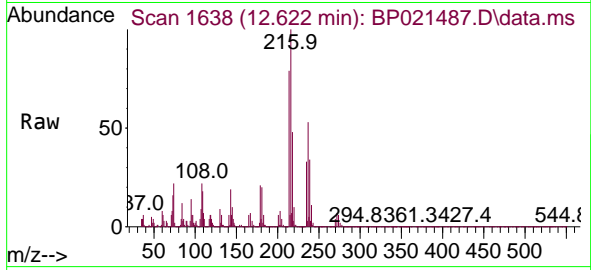
Tgt Ion:216 Resp: 1762492
 Ion Ratio Lower Upper
 216 100
 214 78.4 62.5 93.7
 179 20.4 16.4 24.6
 108 20.5 16.7 25.1





#41
 Hexachlorocyclopentadiene
 Concen: 69.006 ng
 RT: 12.622 min Scan# 1638
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

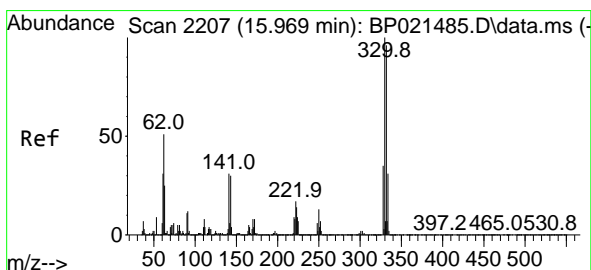
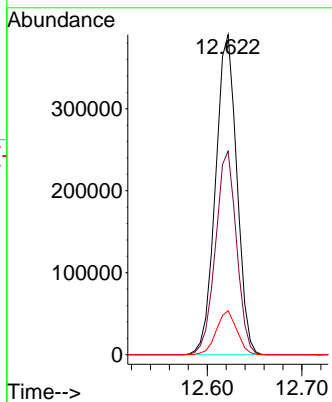
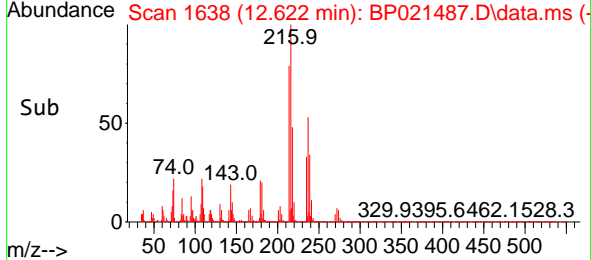
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060



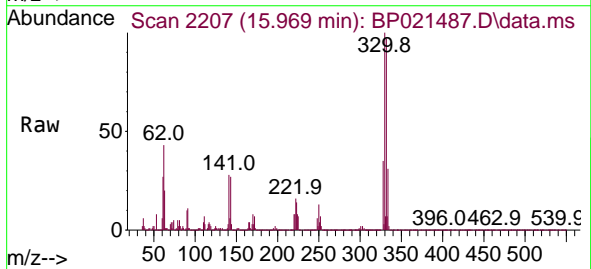
Tgt Ion:237 Resp: 61082
 Ion Ratio Lower Upper
 237 100
 235 63.6 43.9 83.9
 272 13.7 0.0 33.3

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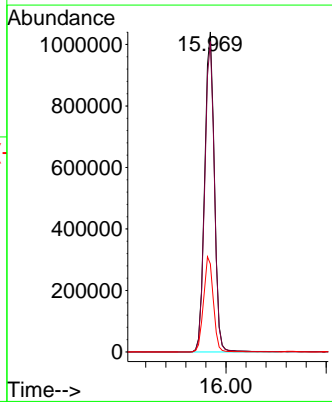
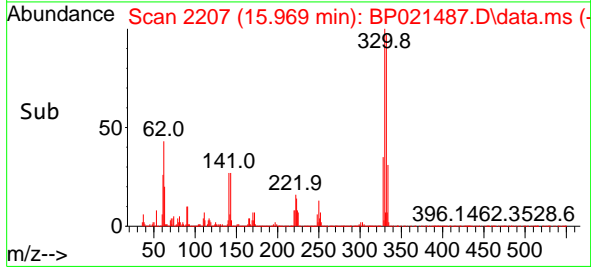
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

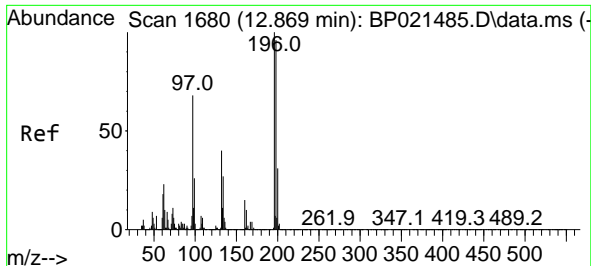


#42
 2,4,6-Tribromophenol
 Concen: 132.067 ng
 RT: 15.969 min Scan# 2207
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



Tgt Ion:330 Resp: 1401053
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.0
 141 29.9 24.5 36.7





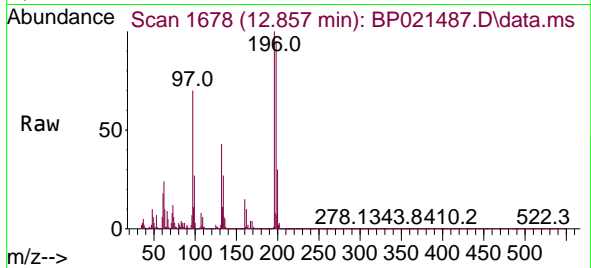
#43
 2,4,6-Trichlorophenol
 Concen: 67.687 ng
 RT: 12.857 min Scan# 1678
 Delta R.T. -0.012 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument :

BNA_P

ClientSampleId :

SSTDIC060



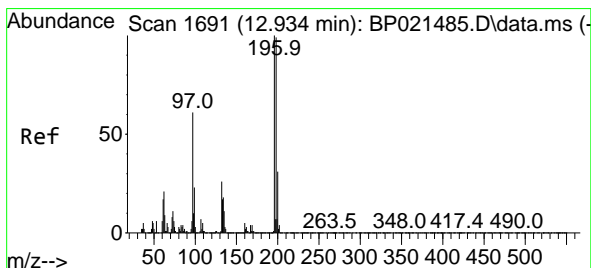
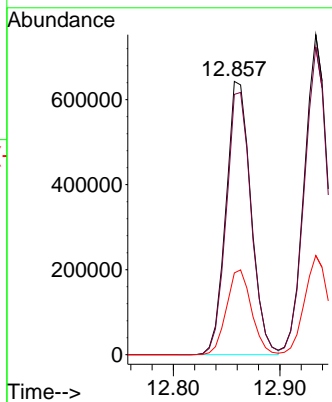
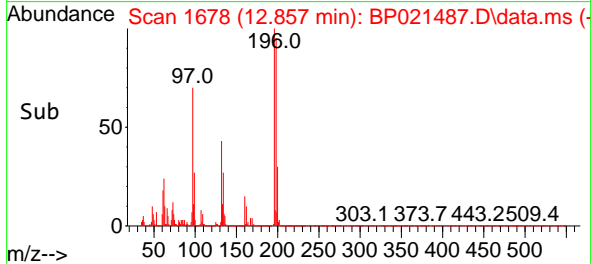
Tgt Ion:196 Resp: 1050099
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.6 114.8
 200 29.9 24.5 36.7

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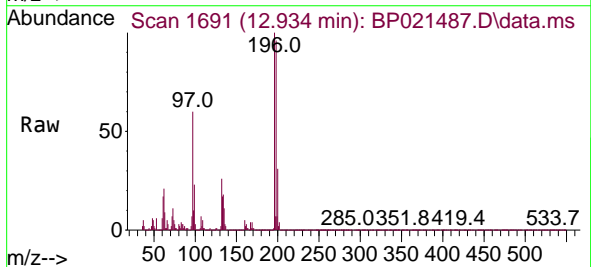
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

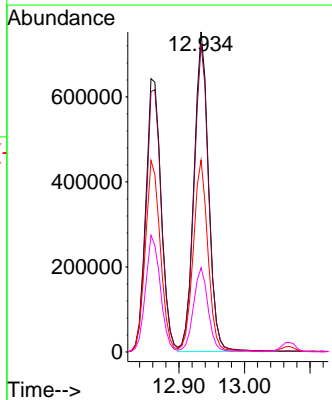
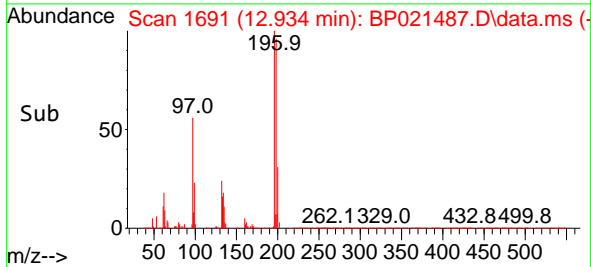
Supervised By :mohammad ahmed 08/14/2024

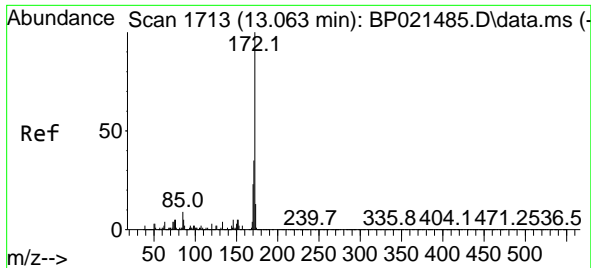


#44
 2,4,5-Trichlorophenol
 Concen: 67.609 ng
 RT: 12.934 min Scan# 1691
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



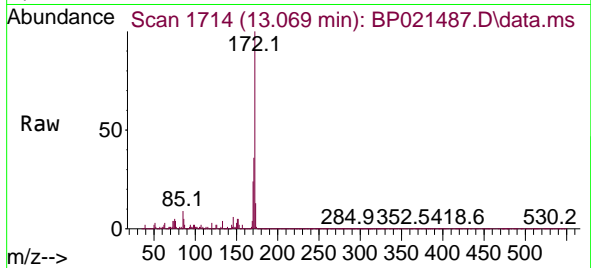
Tgt Ion:196 Resp: 1165351
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.9 118.3
 97 60.0 49.4 74.0
 132 26.3 21.1 31.7





#45
 2-Fluorobiphenyl
 Concen: 119.833 ng
 RT: 13.069 min Scan# 1714
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

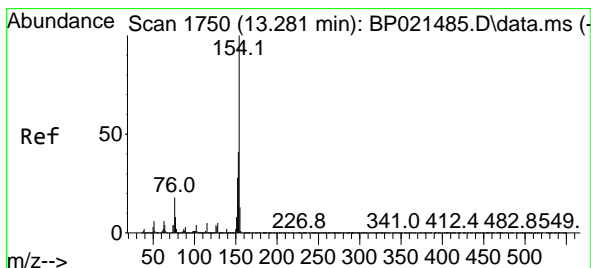
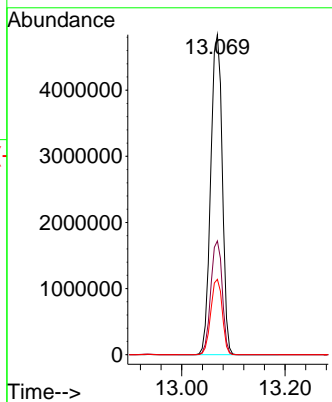
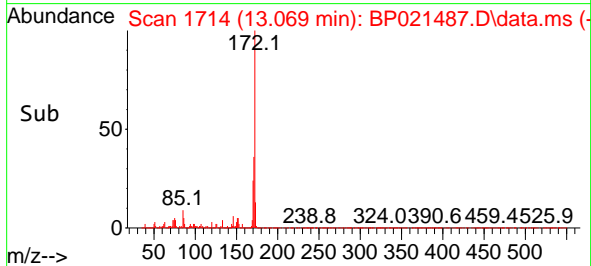
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060



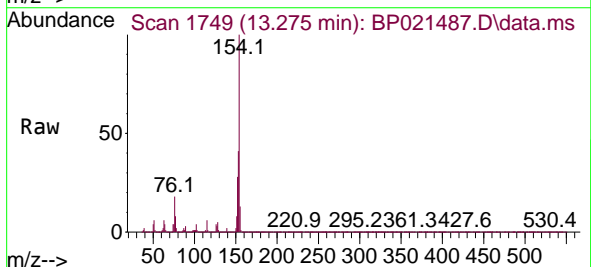
Tgt Ion:172 Resp: 7484438
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.2 42.4
 170 23.5 18.4 27.6

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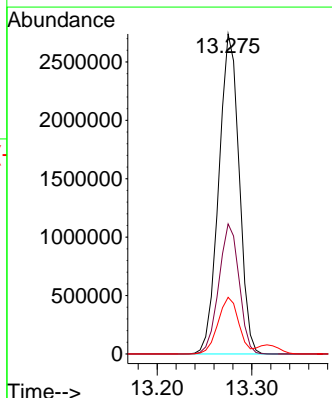
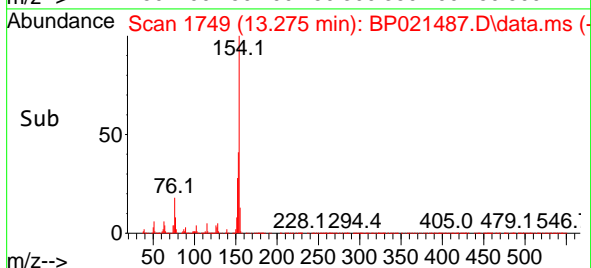
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

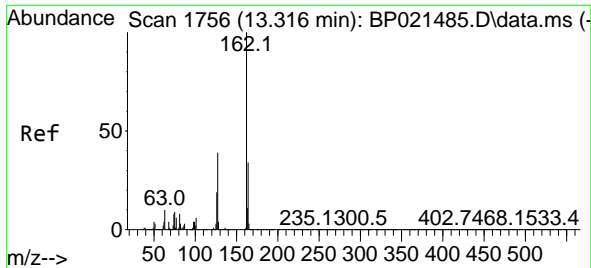


#46
 1,1'-Biphenyl
 Concen: 60.754 ng
 RT: 13.275 min Scan# 1749
 Delta R.T. -0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



Tgt Ion:154 Resp: 4097218
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.7 60.7
 76 17.7 0.0 37.7





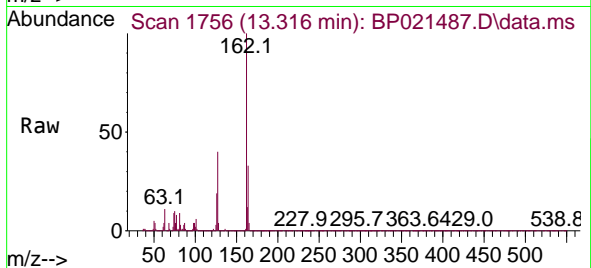
#47
 2-Chloronaphthalene
 Concen: 61.498 ng
 RT: 13.316 min Scan# 1756
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument :

BNA_P

Client Sample Id :

SSTDICC060



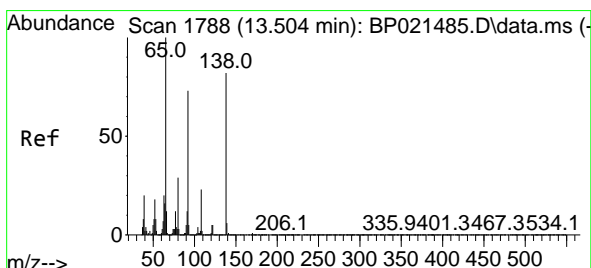
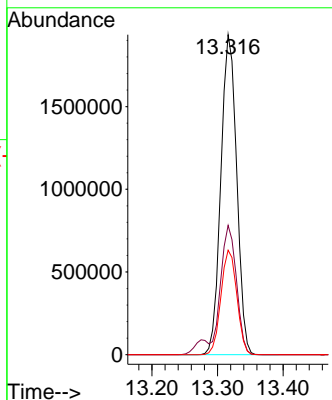
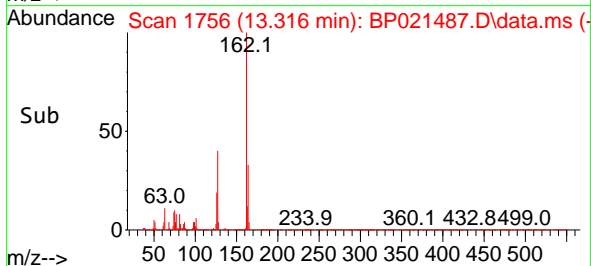
Tgt Ion: 162 Resp: 322886

Ion	Ratio	Lower	Upper
162	100		
127	40.4	31.9	47.9
164	32.7	26.8	40.2

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Reviewed By :Yogesh Patel 08/14/2024

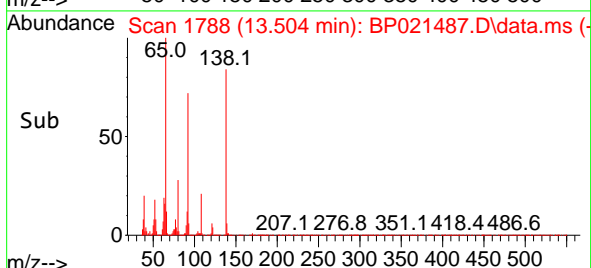
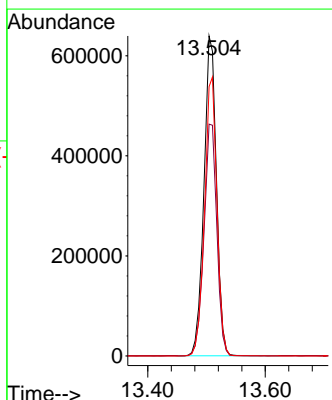
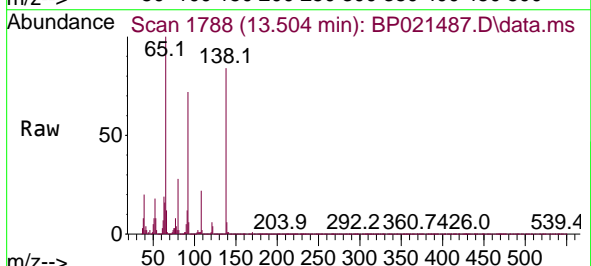
Supervised By :mohammad ahmed 08/14/2024

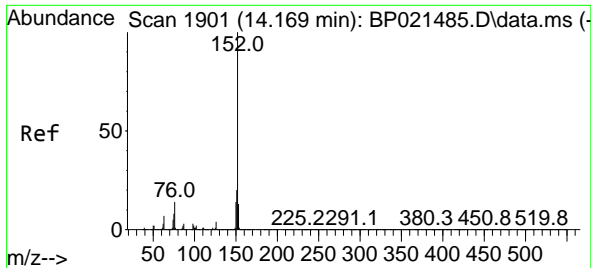


#48
 2-Nitroaniline
 Concen: 62.204 ng
 RT: 13.504 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Tgt Ion: 65 Resp: 940456

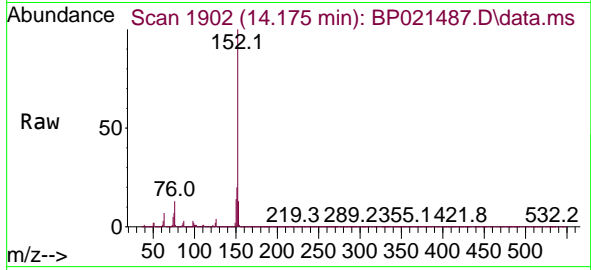
Ion	Ratio	Lower	Upper
65	100		
92	72.4	58.1	87.1
138	84.1	65.5	98.3





#49
 Acenaphthylene
 Concen: 60.501 ng
 RT: 14.175 min Scan# 1901
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

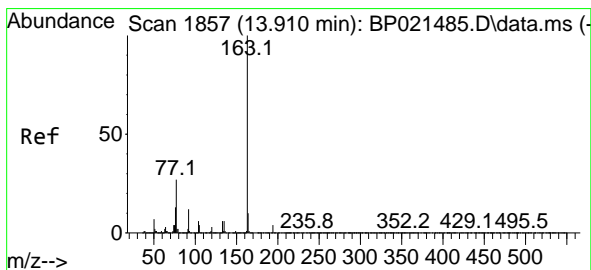
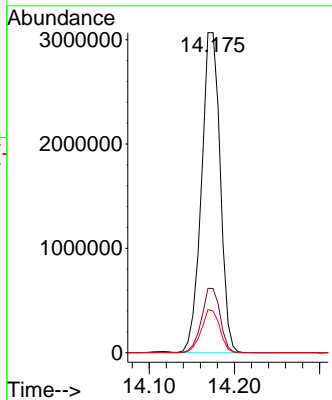
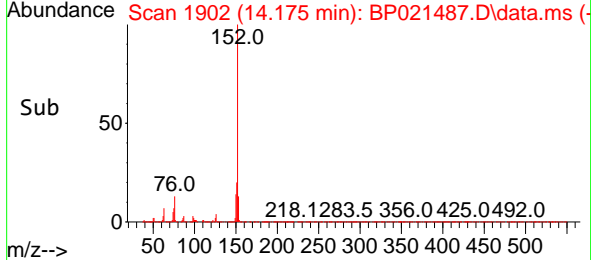
Instrument : BNA_P
 Client Sample Id : SSTDICC060



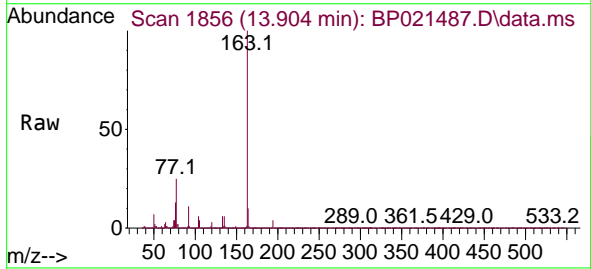
Tgt Ion:152 Resp: 466964
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.9 23.9
 153 13.1 10.6 16.0

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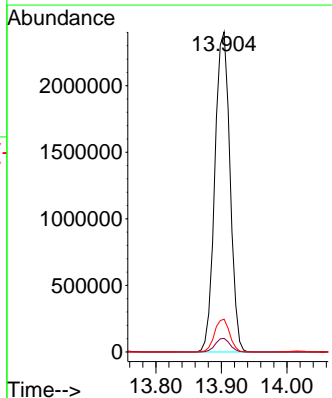
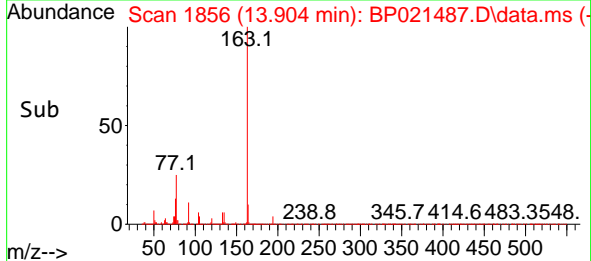
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

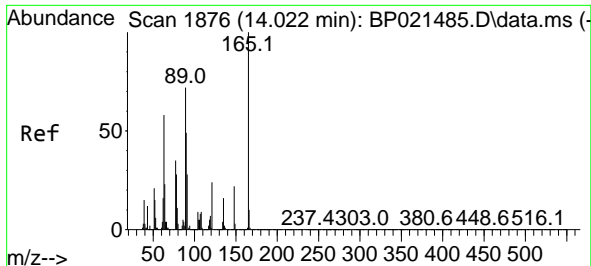


#50
 Dimethylphthalate
 Concen: 60.041 ng
 RT: 13.904 min Scan# 1856
 Delta R.T. -0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



Tgt Ion:163 Resp: 3832687
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.3 4.9
 164 10.2 8.3 12.5





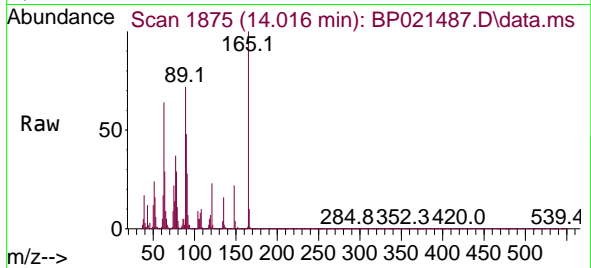
#51
 2,6-Dinitrotoluene
 Concen: 61.336 ng
 RT: 14.016 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument :

BNA_P

Client Sample Id :

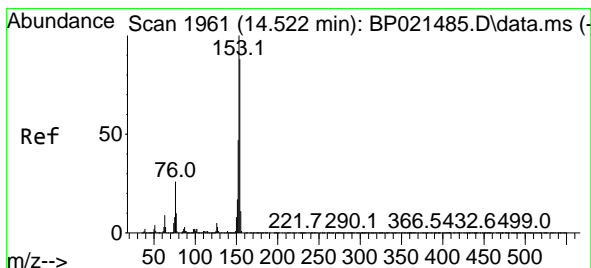
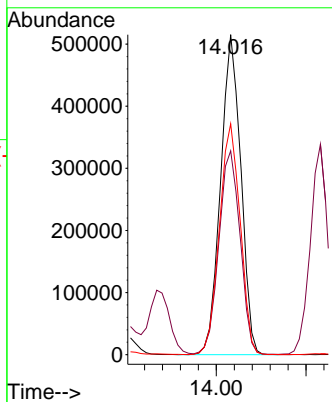
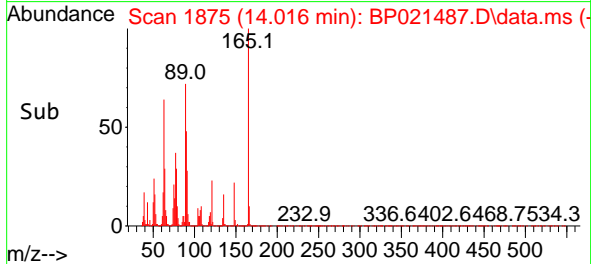
SSTDICC060



Tgt Ion:165 Resp: 80545
 Ion Ratio Lower Upper
 165 100
 63 63.7 51.5 77.3
 89 72.1 57.8 86.8

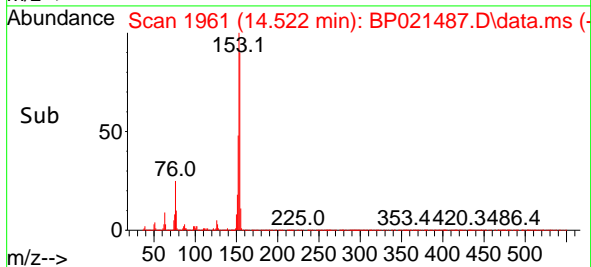
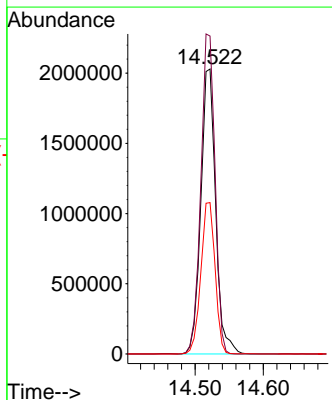
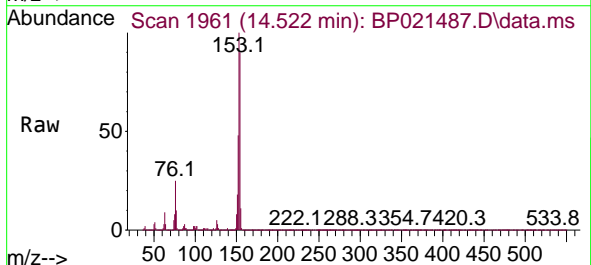
Manual Integrations
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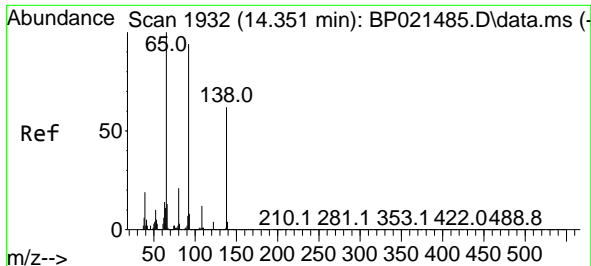
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#52
 Acenaphthene
 Concen: 60.546 ng
 RT: 14.522 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

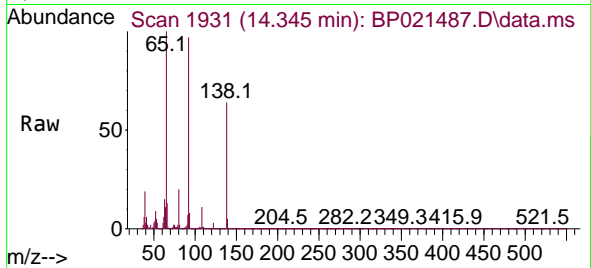
Tgt Ion:154 Resp: 3066208
 Ion Ratio Lower Upper
 154 100
 153 111.6 91.1 136.7
 152 53.1 43.0 64.4





#53
 3-Nitroaniline
 Concen: 61.781 ng
 RT: 14.345 min Scan# 1931
 Delta R.T. -0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

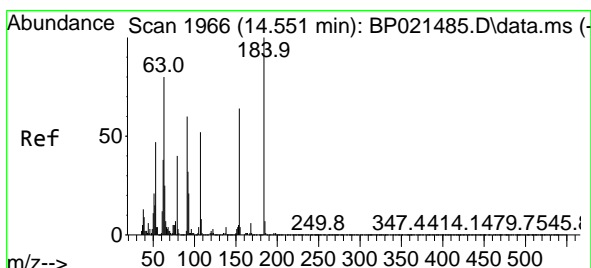
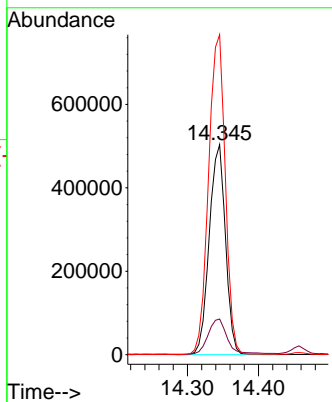
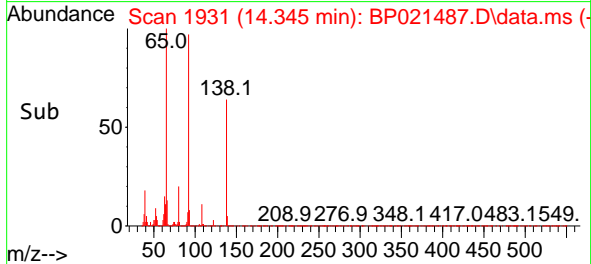
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060



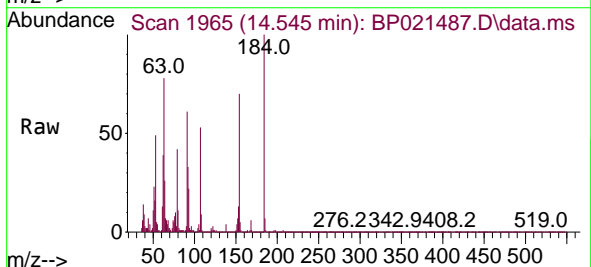
Tgt Ion:138 Resp: 79790
 Ion Ratio Lower Upper
 138 100
 108 17.0 16.2 24.4
 92 152.3 122.2 183.4

Manual Integrations
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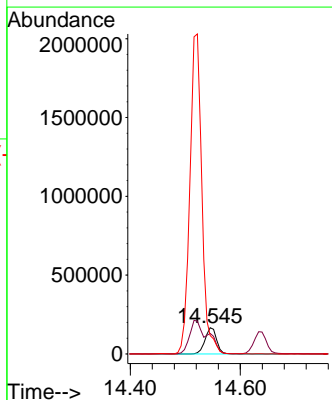
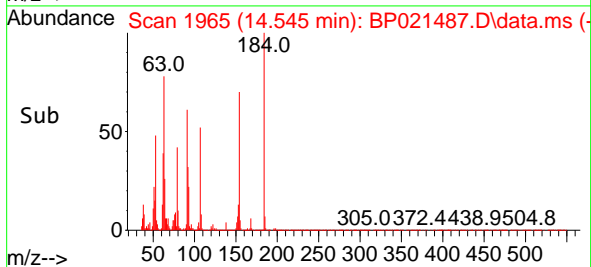
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

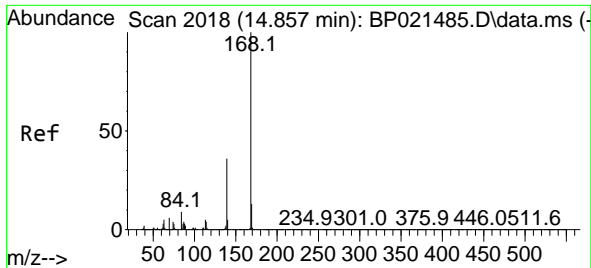


#54
 2,4-Dinitrophenol
 Concen: 61.764 ng
 RT: 14.545 min Scan# 1965
 Delta R.T. -0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



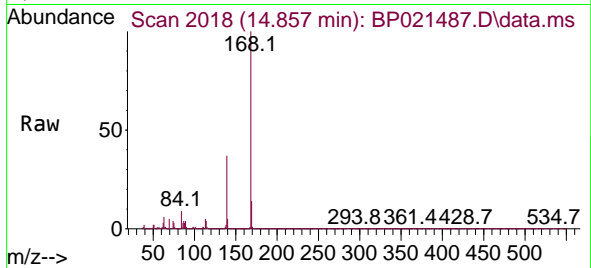
Tgt Ion:184 Resp: 242951
 Ion Ratio Lower Upper
 184 100
 63 77.9 64.9 97.3
 154 70.2 52.1 78.1





#55
 Dibenzofuran
 Concen: 58.970 ng
 RT: 14.857 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

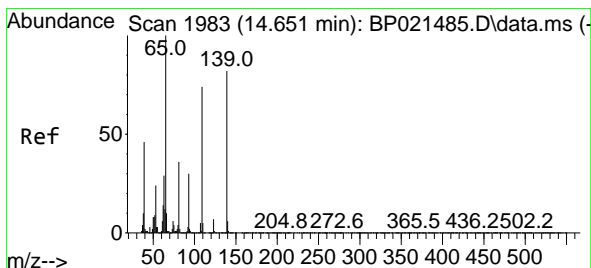
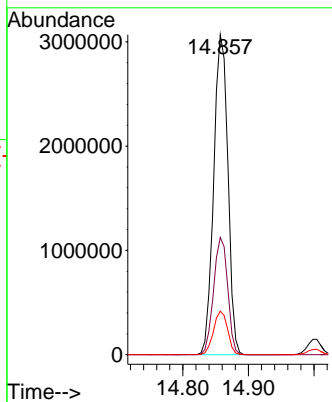
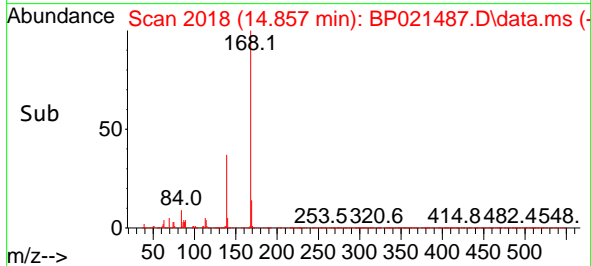
Instrument : BNA_P
 Client Sample Id : SSTDICC060



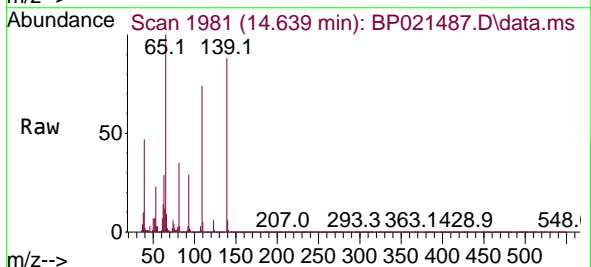
Tgt Ion:168 Resp: 4594089
 Ion Ratio Lower Upper
 168 100
 139 36.7 28.6 43.0
 169 13.6 10.6 16.0

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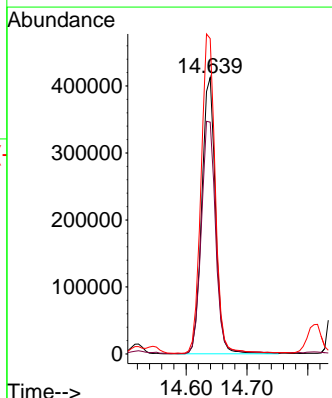
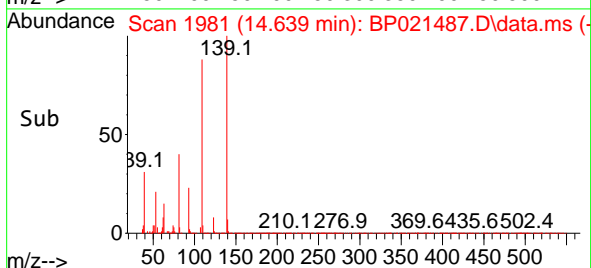
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

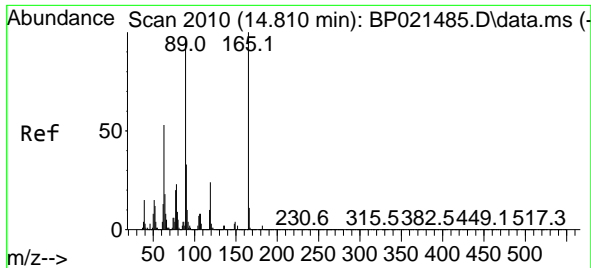


#56
 4-Nitrophenol
 Concen: 62.066 ng
 RT: 14.639 min Scan# 1981
 Delta R.T. -0.012 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



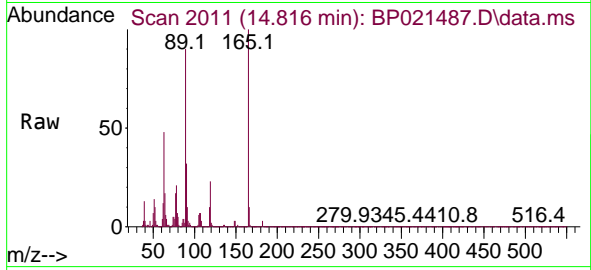
Tgt Ion:139 Resp: 644221
 Ion Ratio Lower Upper
 139 100
 109 83.8 70.2 110.2
 65 114.0 101.8 141.8





#57
 2,4-Dinitrotoluene
 Concen: 61.548 ng
 RT: 14.816 min Scan# 2010
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument : BNA_P
 Client Sample Id : SSTDIC060

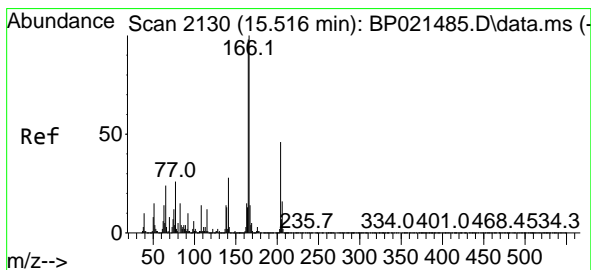
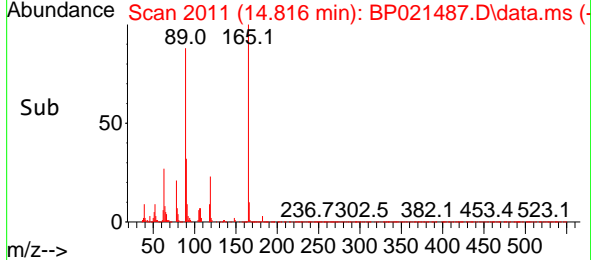
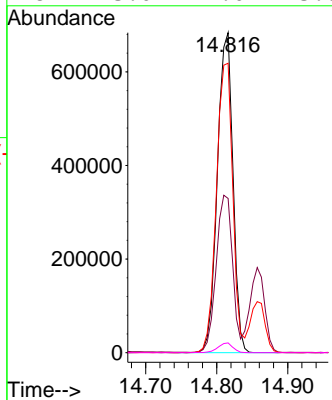


Tgt Ion:165 Resp: 103406

Ion	Ratio	Lower	Upper
165	100		
63	48.2	42.5	63.7
89	90.5	77.1	115.7
182	3.0	2.0	3.0#

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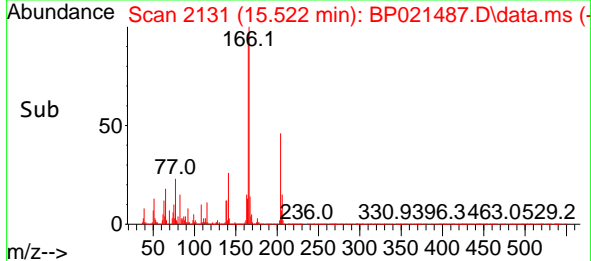
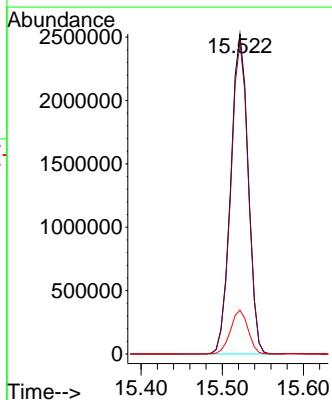
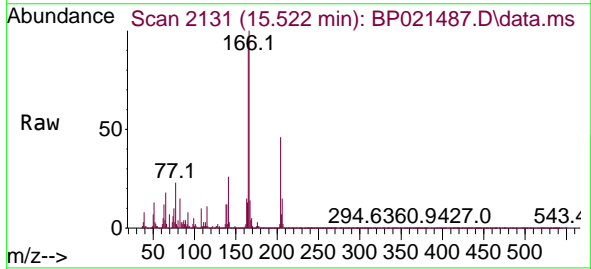
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

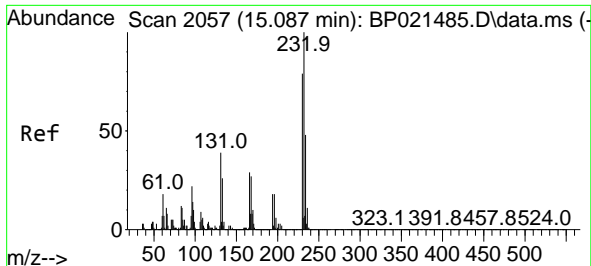


#58
 Fluorene
 Concen: 58.748 ng
 RT: 15.522 min Scan# 2131
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Tgt Ion:166 Resp: 3759913

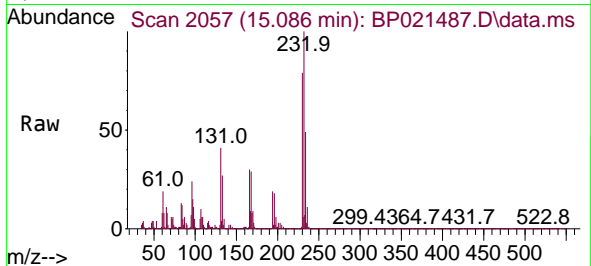
Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.1	117.1
167	13.6	11.0	16.4





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 66.550 ng
 RT: 15.086 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC060

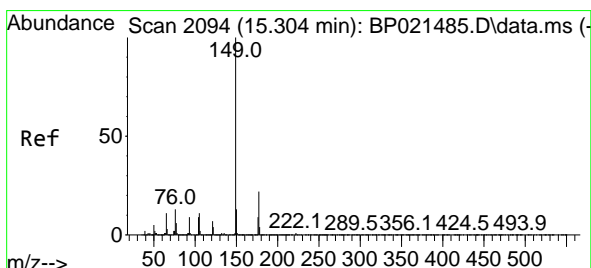
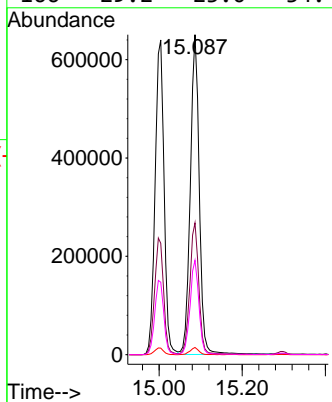
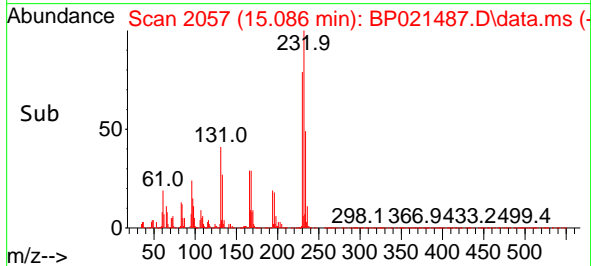


Tgt Ion: 232 Resp: 97364

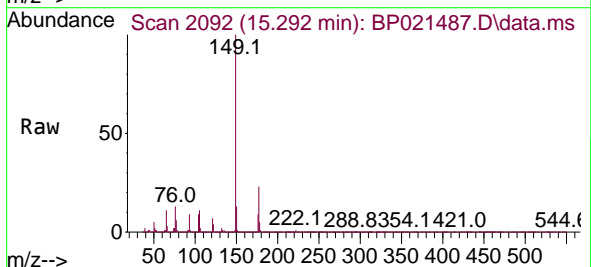
Ion	Ratio	Lower	Upper
232	100		
131	41.0	33.1	49.7
130	2.2	1.7	2.5
166	29.2	23.0	34.4

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 Supervised By :mohammad ahmed 08/14/2024

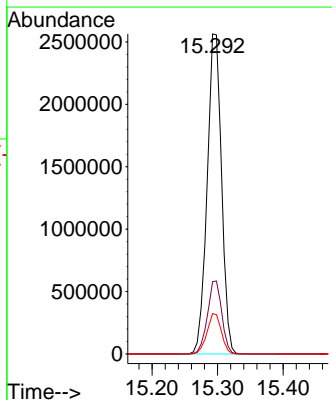
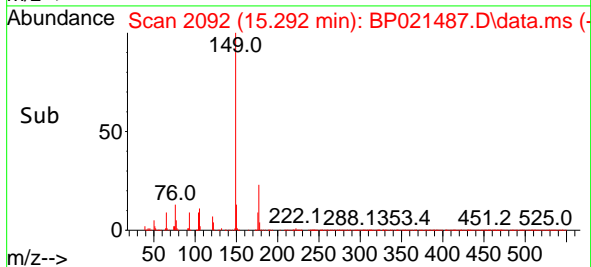


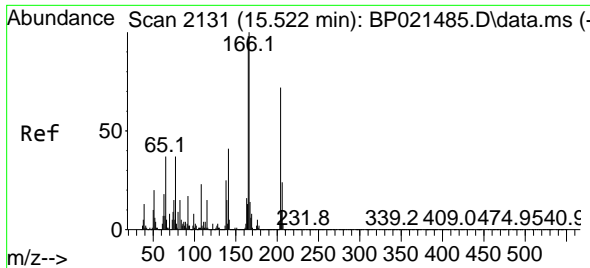
#60
 Diethylphthalate
 Concen: 59.713 ng
 RT: 15.292 min Scan# 2092
 Delta R.T. -0.012 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



Tgt Ion: 149 Resp: 3911032

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.8	26.8
150	12.6	10.1	15.1





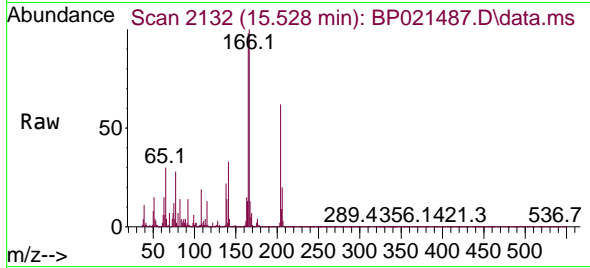
#61
 4-Chlorophenyl-phenylether
 Concen: 58.814 ng
 RT: 15.528 min Scan# 2131
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument :

BNA_P

ClientSampleId :

SSTDICC060



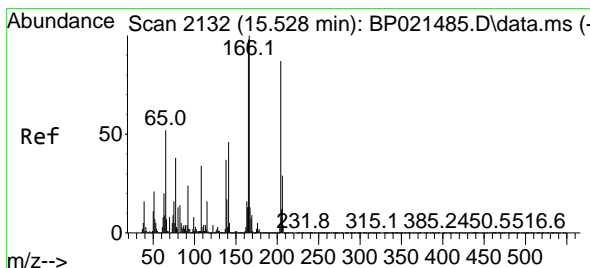
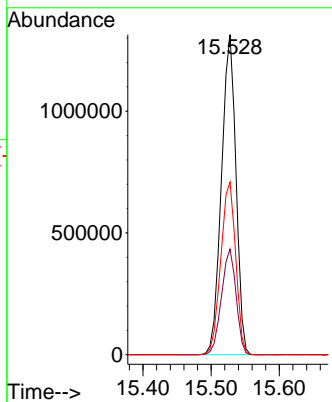
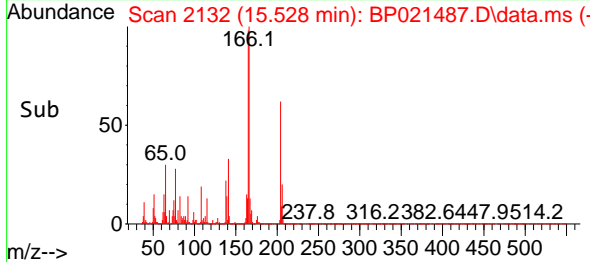
Tgt Ion:204 Resp: 1945714
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.4 39.6
 141 53.9 46.1 69.1

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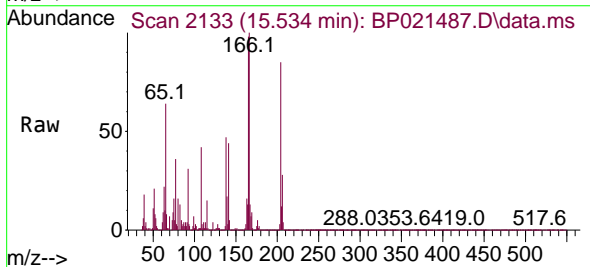
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Reviewed By :Yogesh Patel 08/14/2024

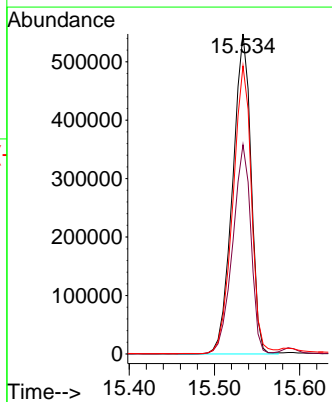
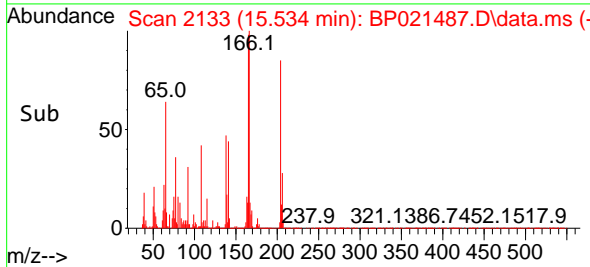
Supervised By :mohammad ahmed 08/14/2024

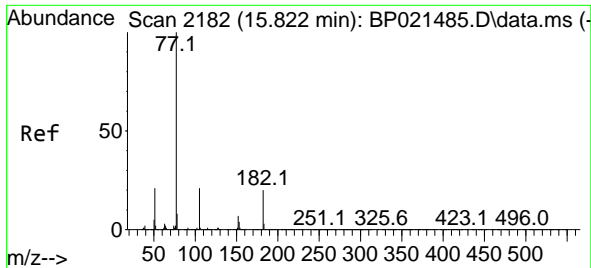


#62
 4-Nitroaniline
 Concen: 62.407 ng
 RT: 15.534 min Scan# 2133
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



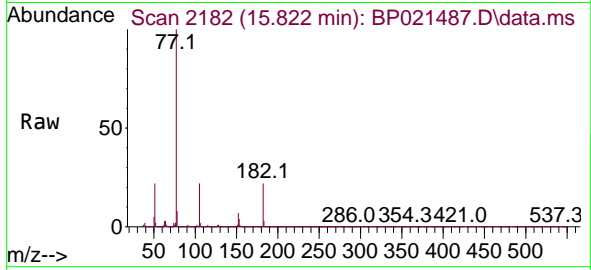
Tgt Ion:138 Resp: 824354
 Ion Ratio Lower Upper
 138 100
 92 65.4 46.4 86.4
 108 90.0 73.2 113.2





#63
 Azobenzene
 Concen: 58.524 ng
 RT: 15.822 min Scan# 2182
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC060

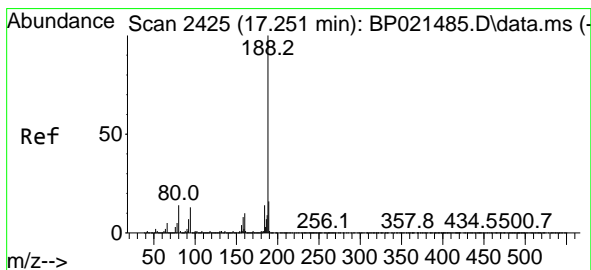
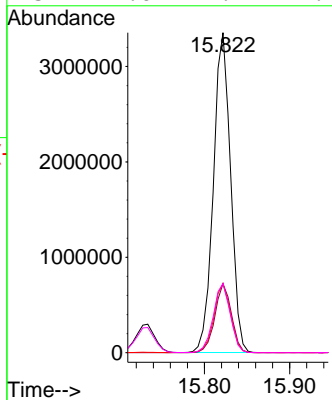
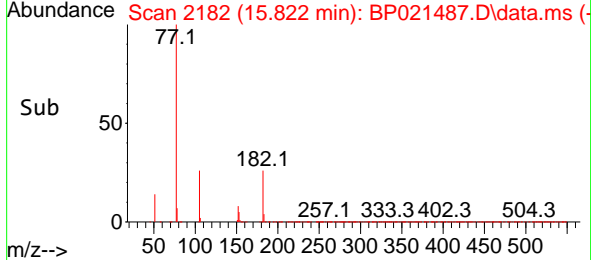


Tgt Ion: 77 Resp: 4711824

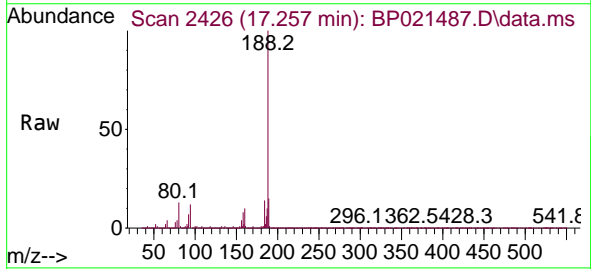
Ion	Ratio	Lower	Upper
77	100		
182	21.5	0.0	39.9
105	21.6	0.9	40.9
51	21.6	1.4	41.4

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

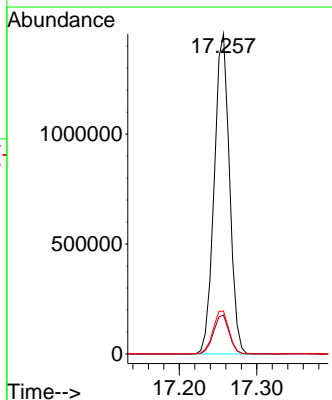
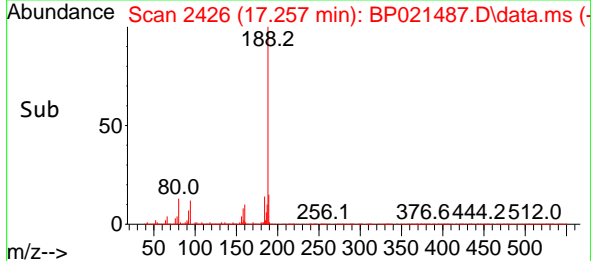


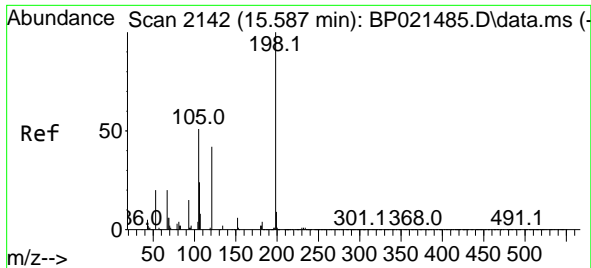
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.257 min Scan# 2426
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



Tgt Ion:188 Resp: 1991489

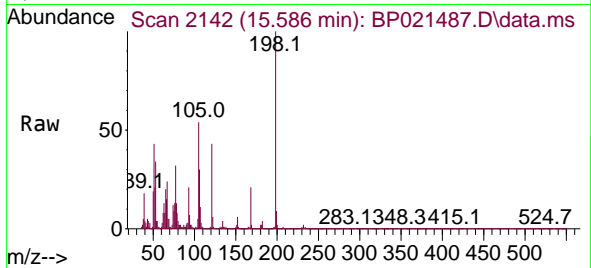
Ion	Ratio	Lower	Upper
188	100		
94	12.1	10.2	15.4
80	13.4	11.6	17.4





#65
 4,6-Dinitro-2-methylphenol
 Concen: 61.846 ng
 RT: 15.586 min Scan# 2142
 Delta R.T. -0.001 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

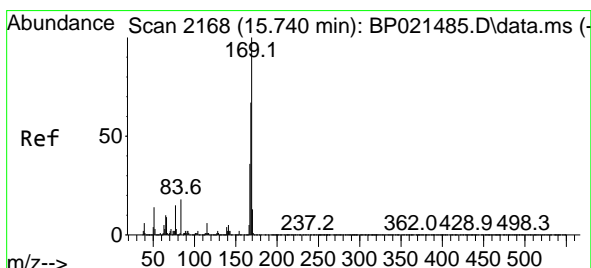
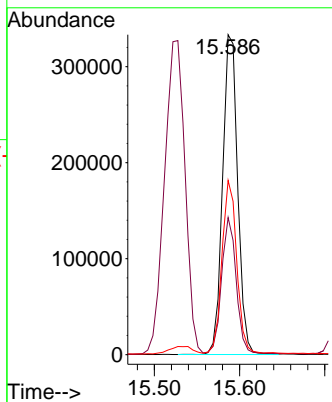
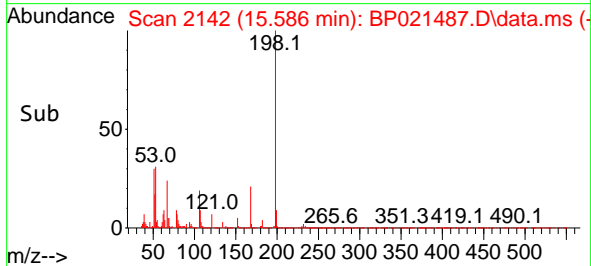


Tgt Ion:198 Resp: 410090

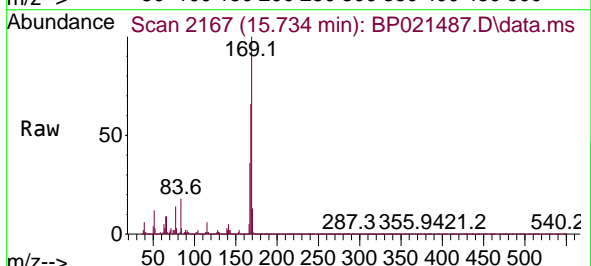
Ion	Ratio	Lower	Upper
198	100		
51	42.9	21.5	61.5
105	54.5	32.9	72.9

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

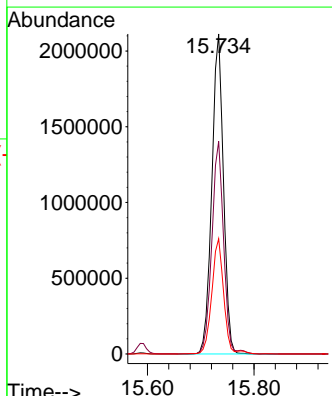
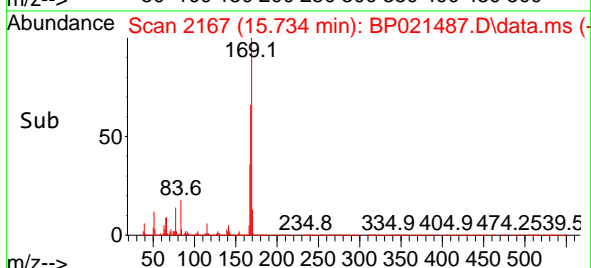


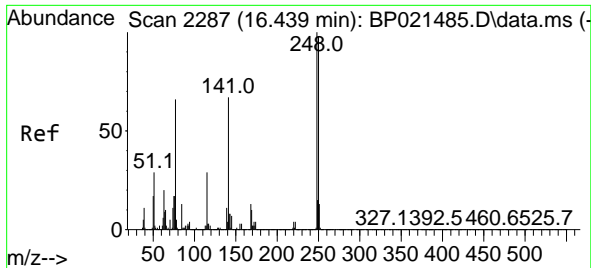
#66
 n-Nitrosodiphenylamine
 Concen: 59.821 ng
 RT: 15.734 min Scan# 2167
 Delta R.T. -0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



Tgt Ion:169 Resp: 3192615

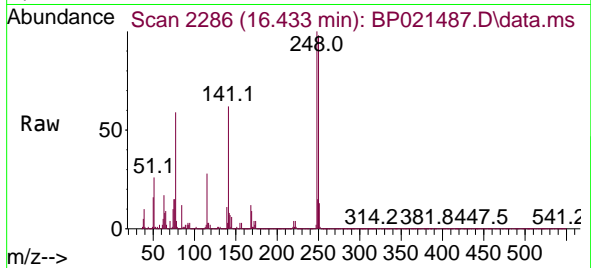
Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.4	80.2
167	36.0	28.7	43.1





#67
 4-Bromophenyl-phenylether
 Concen: 61.016 ng
 RT: 16.433 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

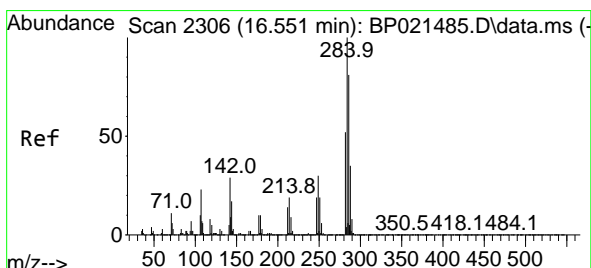
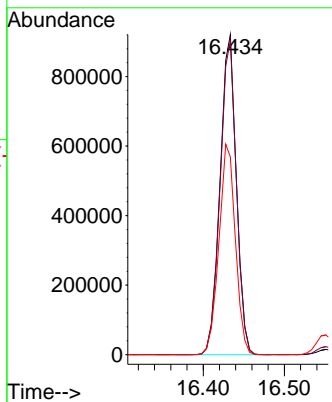
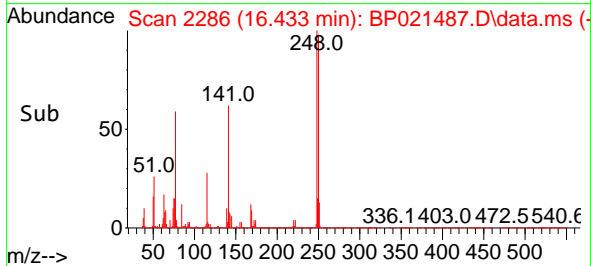
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060



Tgt Ion:248 Resp: 128604
 Ion Ratio Lower Upper
 248 100
 250 98.4 78.6 117.8
 141 61.7 53.9 80.9

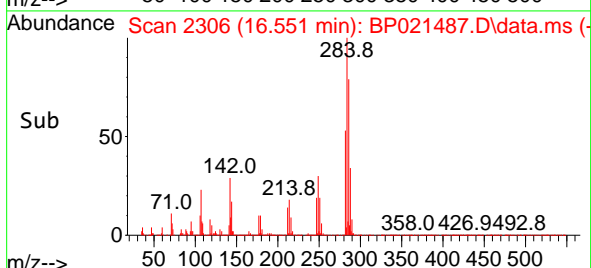
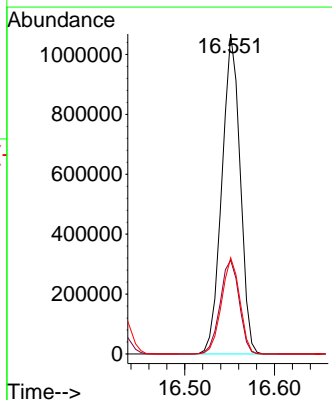
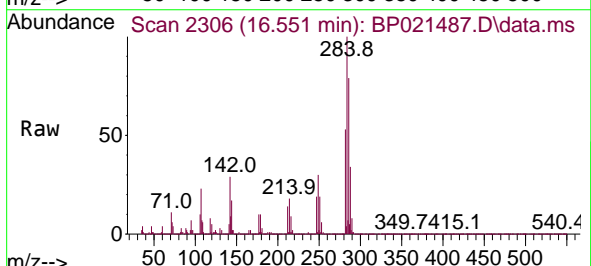
Manual Integrations
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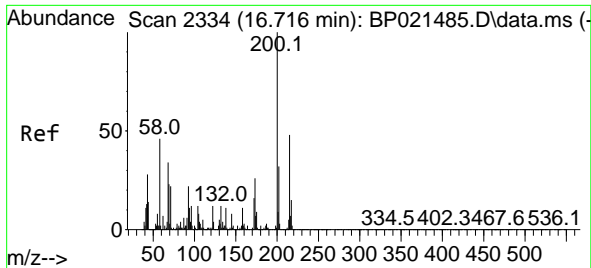
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#68
 Hexachlorobenzene
 Concen: 60.456 ng
 RT: 16.551 min Scan# 2306
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

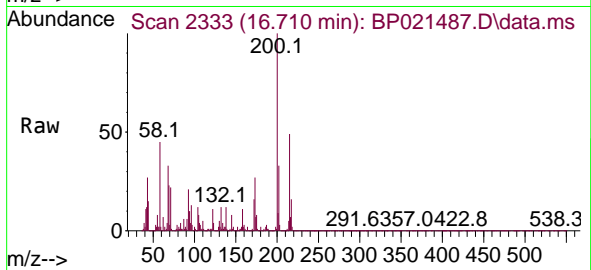
Tgt Ion:284 Resp: 1505847
 Ion Ratio Lower Upper
 284 100
 142 29.3 23.4 35.2
 249 30.1 24.1 36.1





#69
 Atrazine
 Concen: 59.397 ng
 RT: 16.710 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

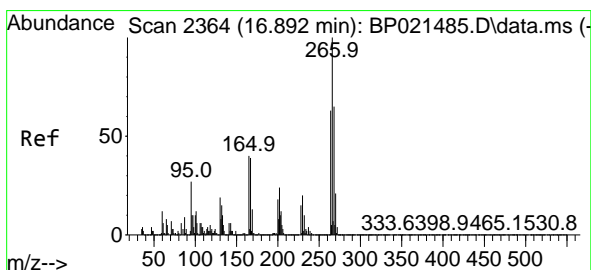
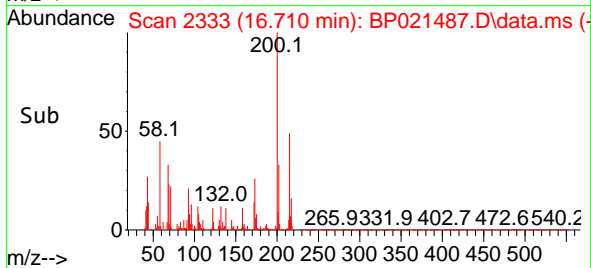
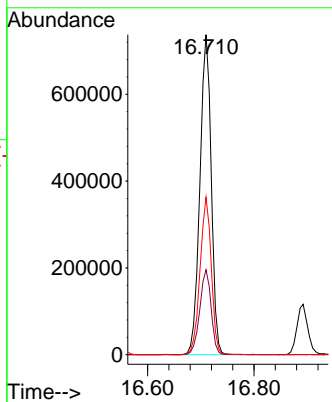
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC060



Tgt Ion: 200 Resp: 108834
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.2 46.2
 215 49.2 28.4 68.4

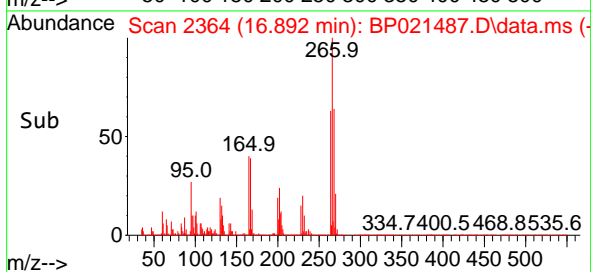
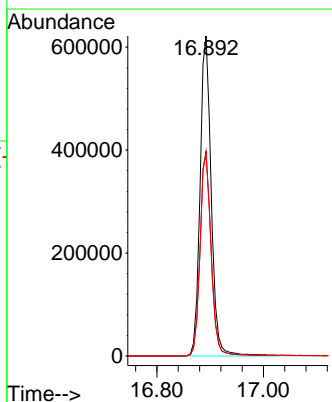
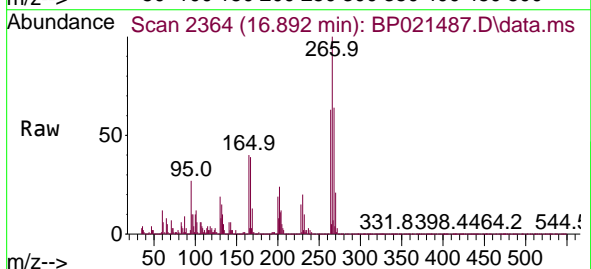
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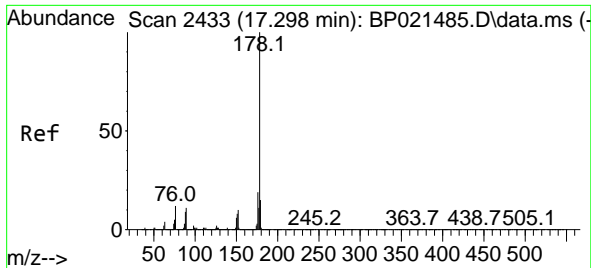
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#70
 Pentachlorophenol
 Concen: 66.192 ng
 RT: 16.892 min Scan# 2364
 Delta R.T. 0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

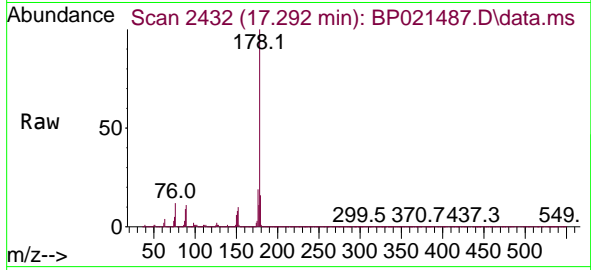
Tgt Ion: 266 Resp: 899879
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.8 77.6
 264 63.1 50.5 75.7





#71
 Phenanthrene
 Concen: 59.366 ng
 RT: 17.292 min Scan# 2449
 Delta R.T. -0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument : BNA_P
 Client Sample Id : SSTDICC060

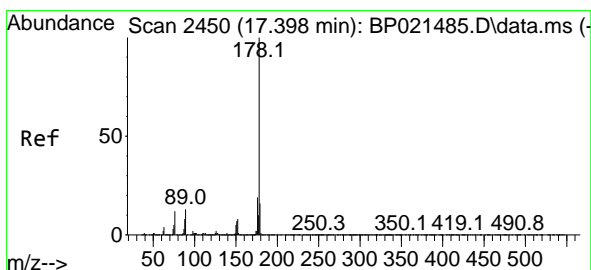
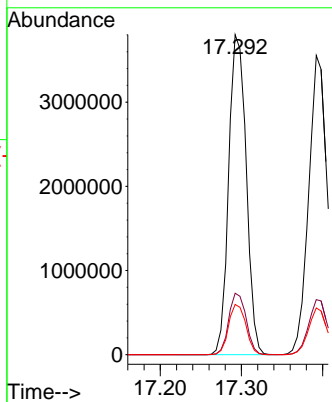
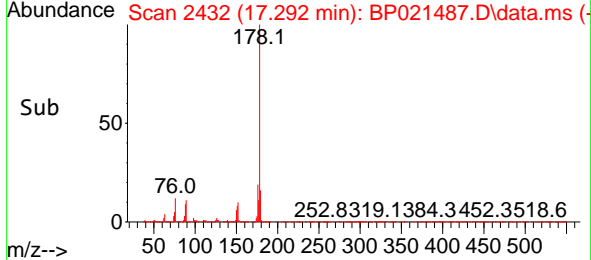


Tgt Ion:178 Resp: 5685784

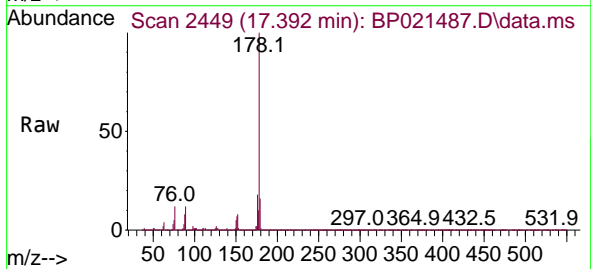
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.7	12.4	18.6

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

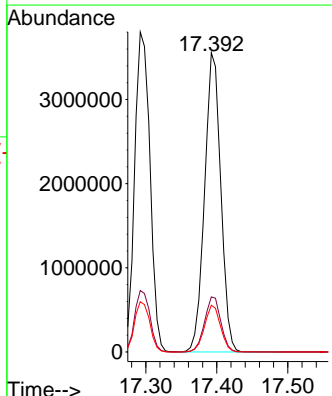
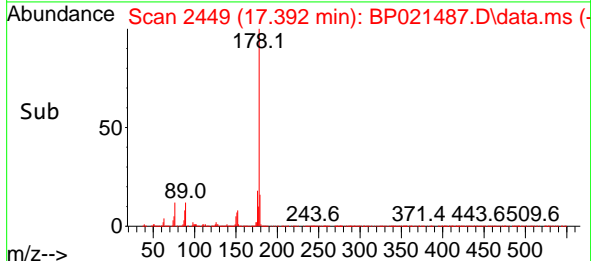


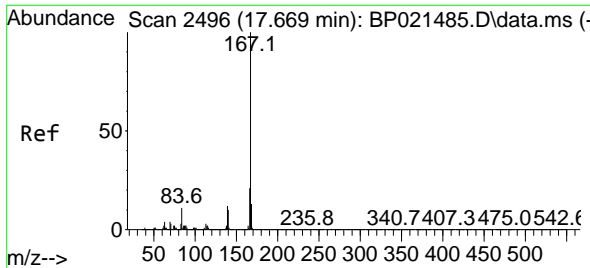
#72
 Anthracene
 Concen: 60.013 ng
 RT: 17.392 min Scan# 2449
 Delta R.T. -0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



Tgt Ion:178 Resp: 5636907

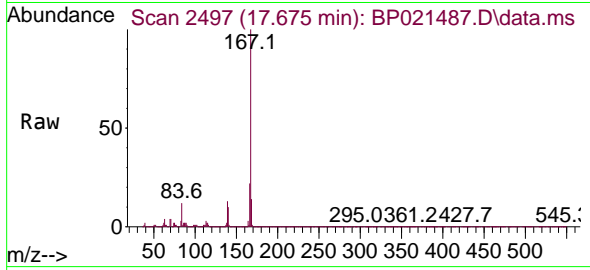
Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.6	12.5	18.7





#73
 Carbazole
 Concen: 60.260 ng
 RT: 17.675 min Scan# 2497
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

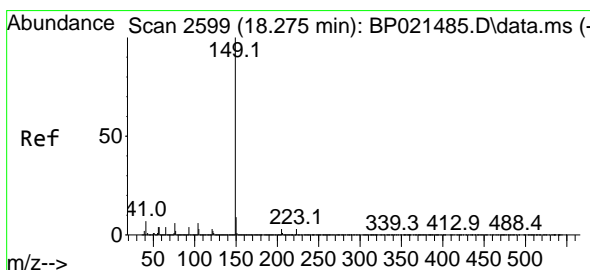
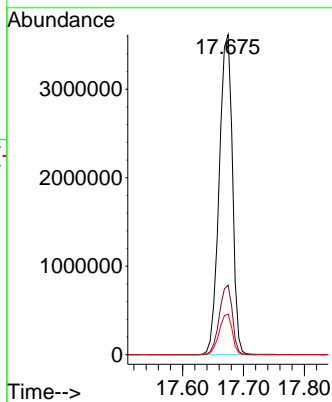
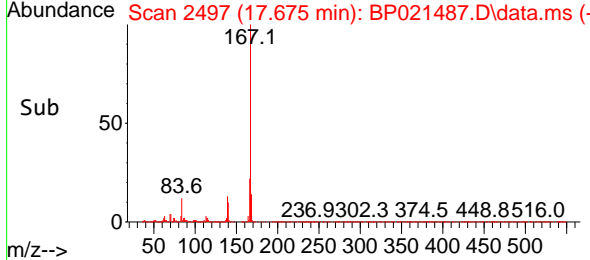
Instrument : BNA_P
 Client Sample Id : SSTDICC060



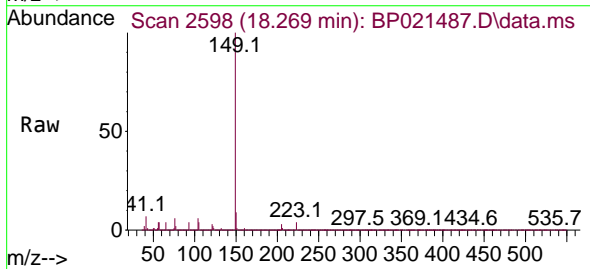
Tgt Ion:167 Resp: 545482
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.4
 139 12.7 9.9 14.9

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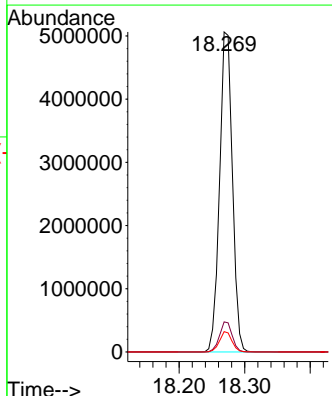
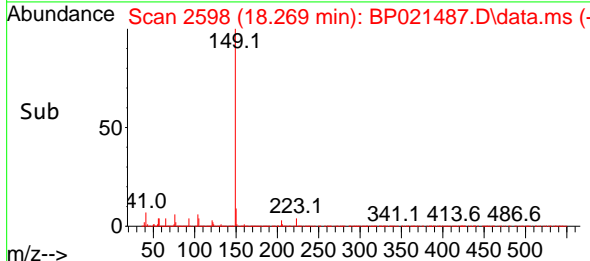
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

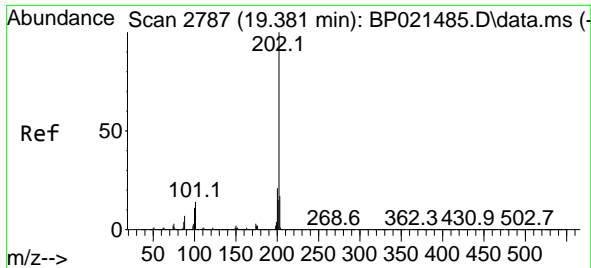


#74
 Di-n-butylphthalate
 Concen: 61.477 ng
 RT: 18.269 min Scan# 2598
 Delta R.T. -0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



Tgt Ion:149 Resp: 6834417
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 6.4 4.9 7.3





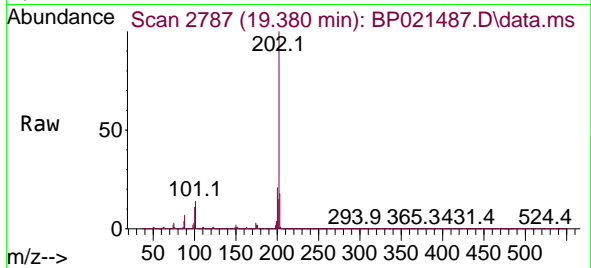
#75
 Fluoranthene
 Concen: 59.949 ng
 RT: 19.380 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

Instrument :

BNA_P

Client Sample Id :

SSTDICC060



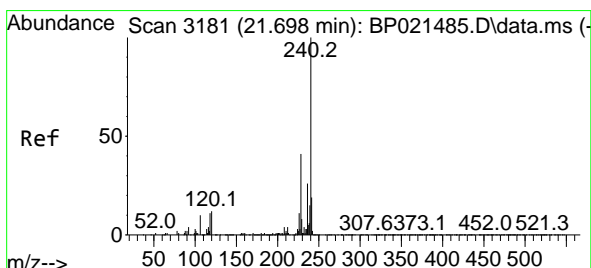
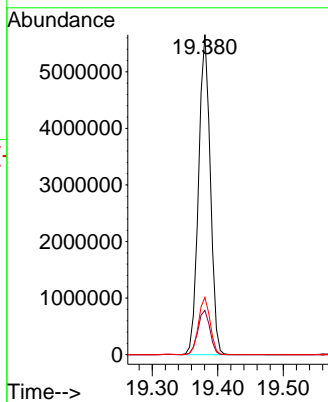
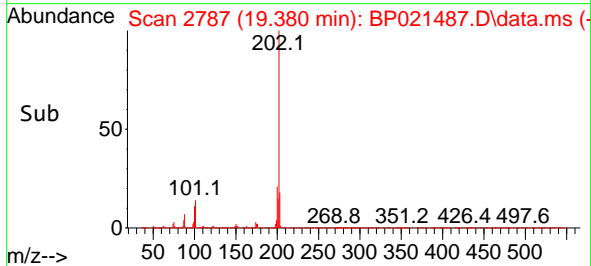
Tgt Ion: 202 Resp: 704490
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 34.0
 203 17.9 0.0 37.5

Manual Integrations

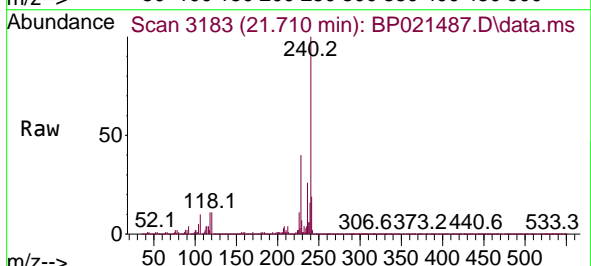
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

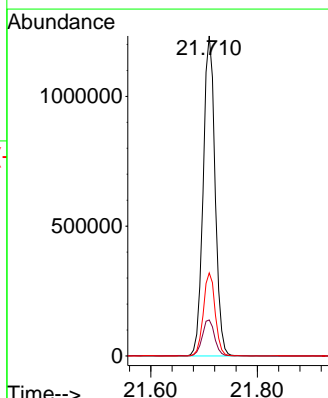
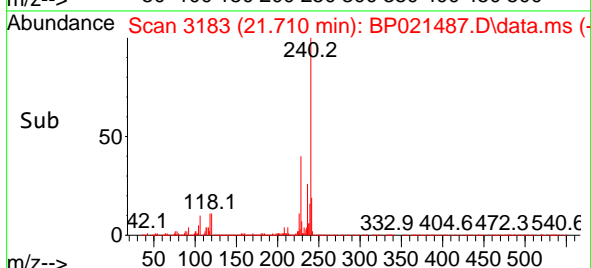
Supervised By :mohammad ahmed 08/14/2024

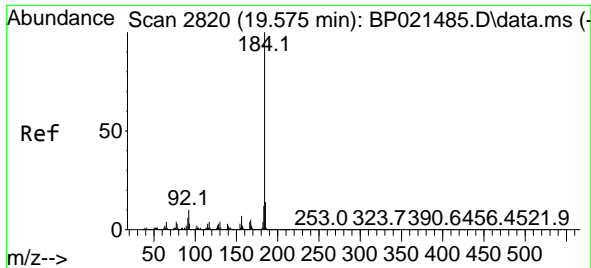


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.710 min Scan# 3183
 Delta R.T. 0.012 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



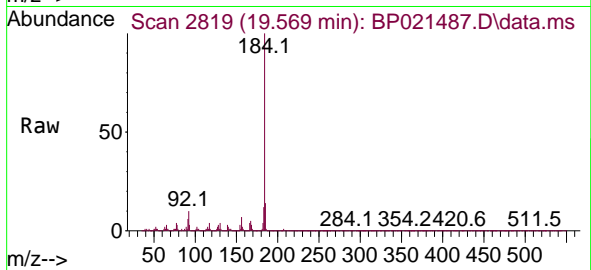
Tgt Ion: 240 Resp: 1907005
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.9 14.9
 236 26.0 20.6 30.8





#77
Benzidine
Concen: 54.599 ng
RT: 19.569 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BP021487.D
Acq: 13 Aug 2024 16:53

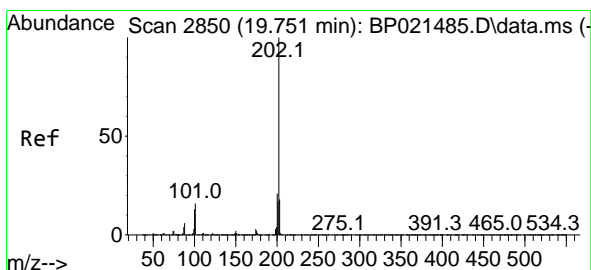
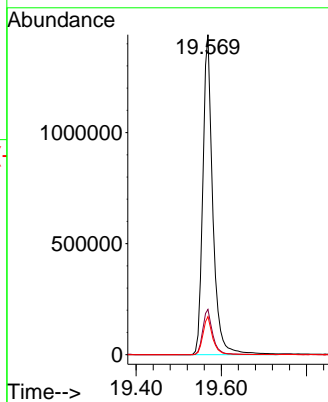
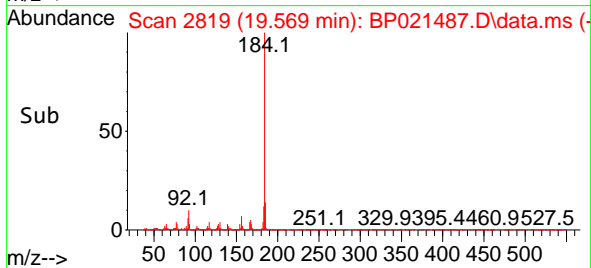
Instrument : BNA_P
Client Sample Id : SSTDICC060



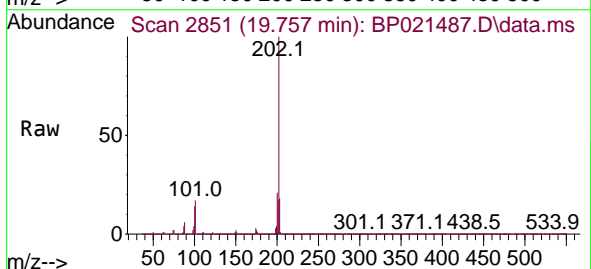
Tgt Ion:184 Resp: 2334836
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.9 9.3 13.9

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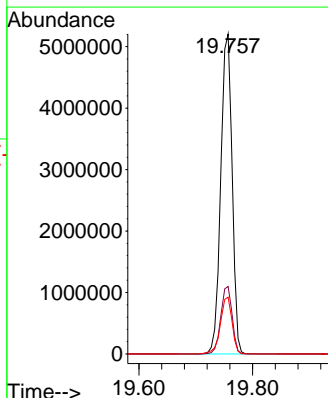
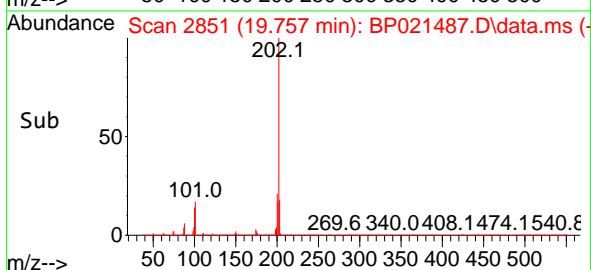
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

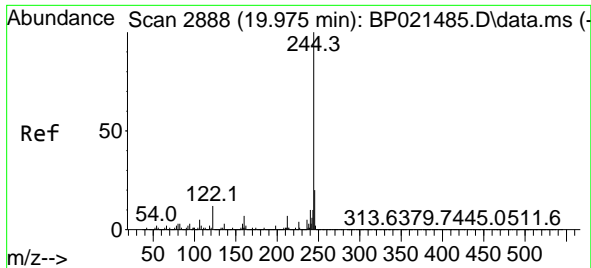


#78
Pyrene
Concen: 58.277 ng
RT: 19.757 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP021487.D
Acq: 13 Aug 2024 16:53



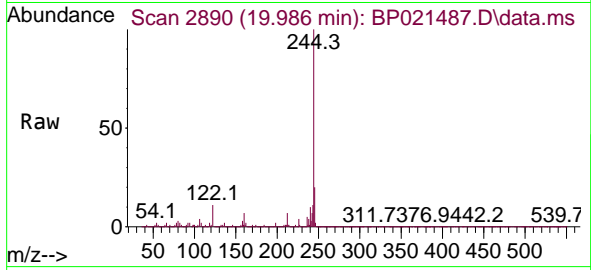
Tgt Ion:202 Resp: 7263907
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.7 14.1 21.1





#79
 Terphenyl-d14
 Concen: 115.877 ng
 RT: 19.986 min Scan# 2888
 Delta R.T. 0.011 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

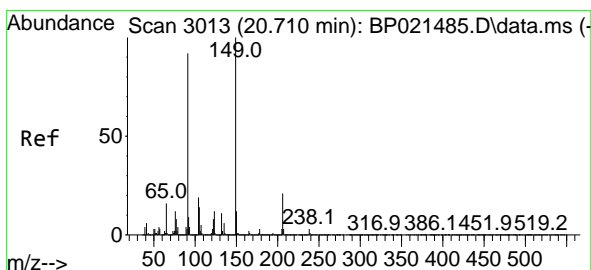
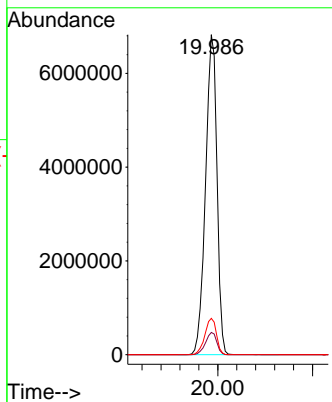
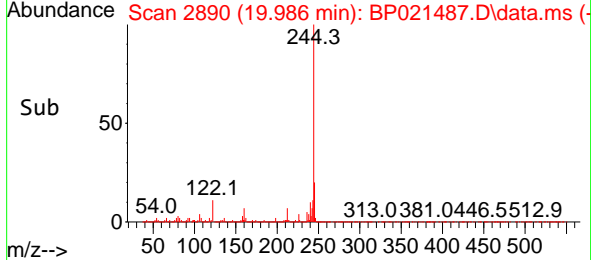
Instrument : BNA_P
 Client Sample Id : SSTDICC060



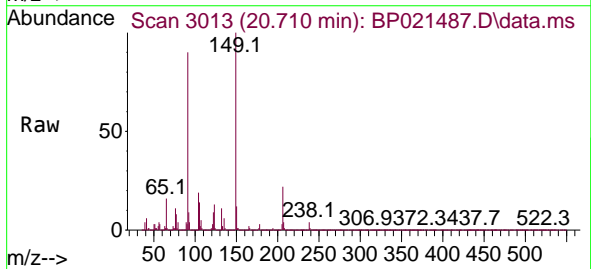
Tgt Ion:244 Resp:11374620
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.3 9.4 14.2

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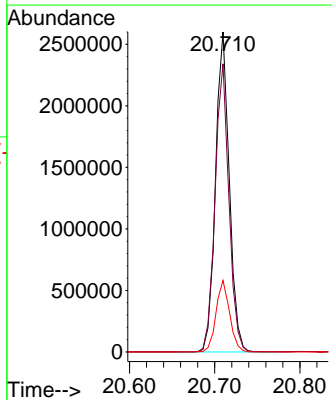
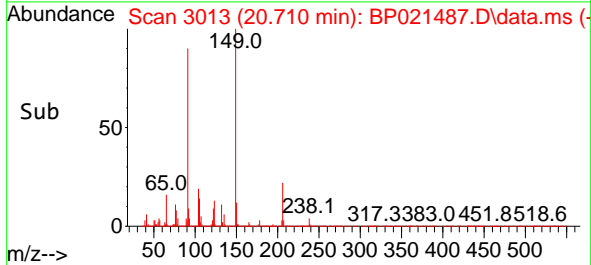
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

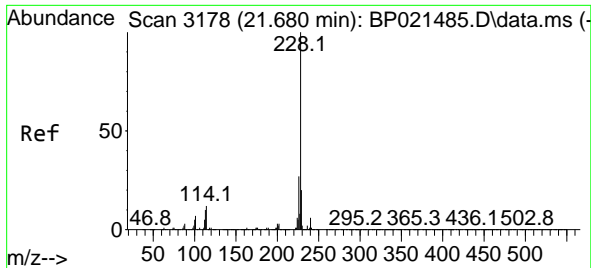


#80
 Butylbenzylphthalate
 Concen: 60.438 ng
 RT: 20.710 min Scan# 3013
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



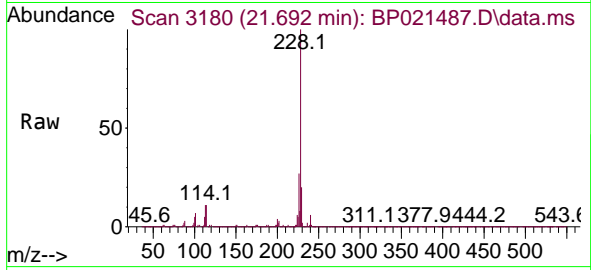
Tgt Ion:149 Resp: 2906885
 Ion Ratio Lower Upper
 149 100
 91 90.1 73.3 109.9
 206 22.3 17.1 25.7





#81
 Benzo(a)anthracene
 Concen: 59.472 ng
 RT: 21.692 min Scan# 3178
 Delta R.T. 0.012 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

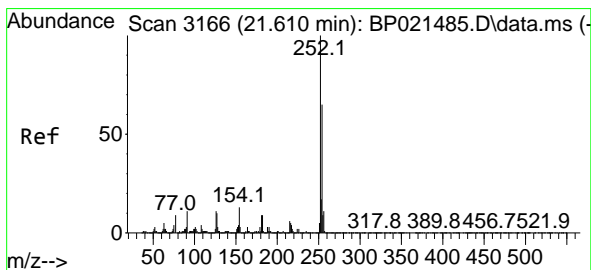
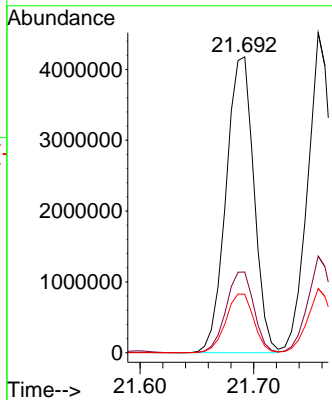
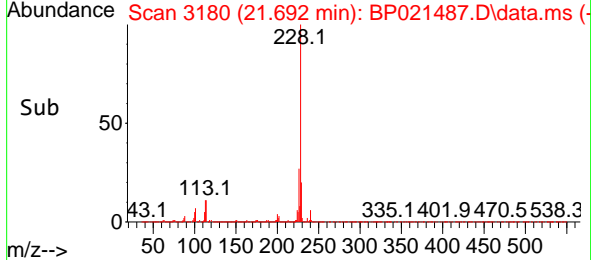
Instrument : BNA_P
 Client Sample Id : SSTDICC060



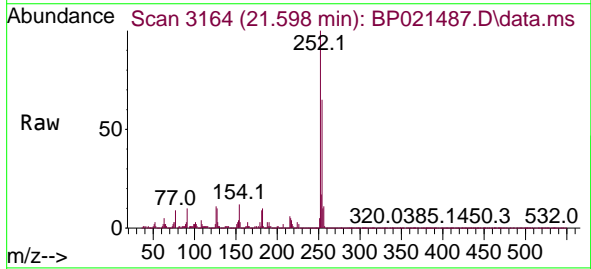
Tgt Ion: 228 Resp: 7119658
 Ion Ratio Lower Upper
 228 100
 226 27.3 21.4 32.2
 229 19.8 15.8 23.6

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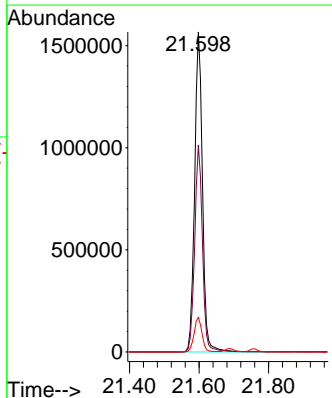
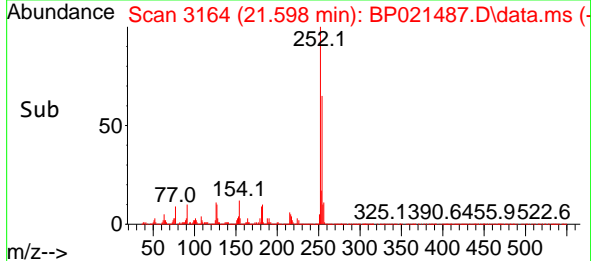
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

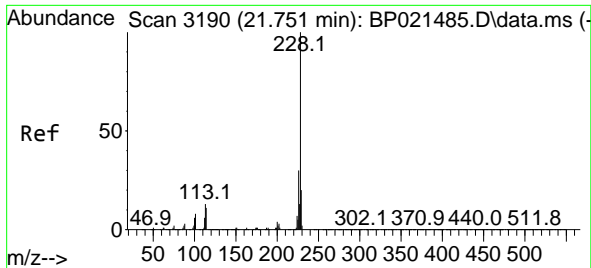


#82
 3,3'-Dichlorobenzidine
 Concen: 63.969 ng
 RT: 21.598 min Scan# 3164
 Delta R.T. -0.012 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



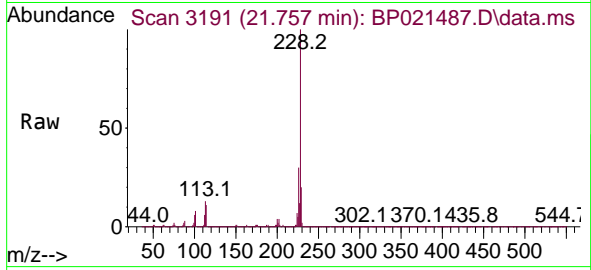
Tgt Ion: 252 Resp: 2455338
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.7 77.5
 126 10.8 8.7 13.1





#83
 Chrysene
 Concen: 59.831 ng
 RT: 21.757 min Scan# 3191
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

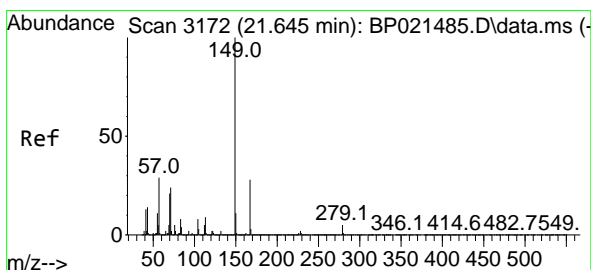
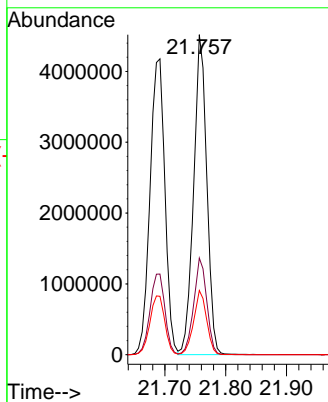
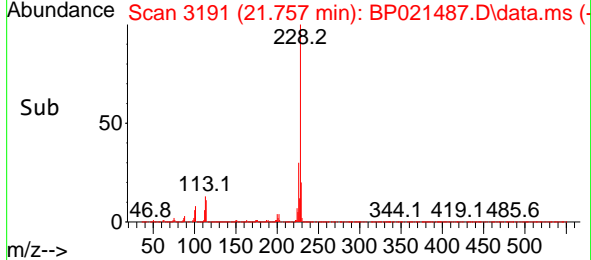
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC060



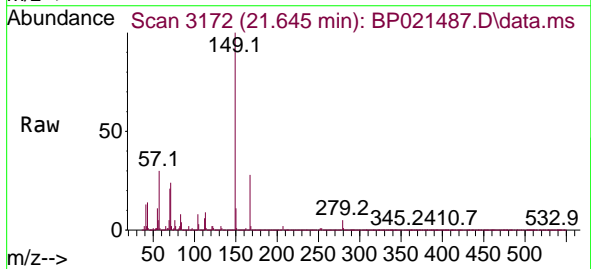
Tgt Ion: 228 Resp: 676256
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.9 35.9
 229 20.1 15.8 23.6

Manual Integrations
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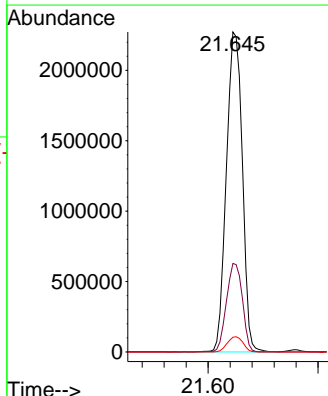
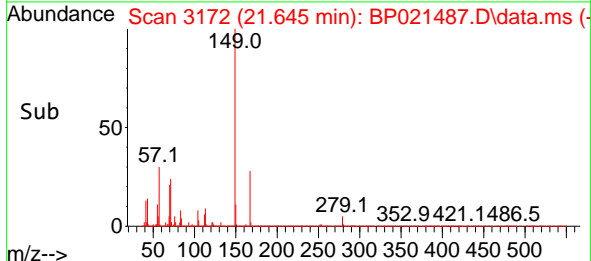
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

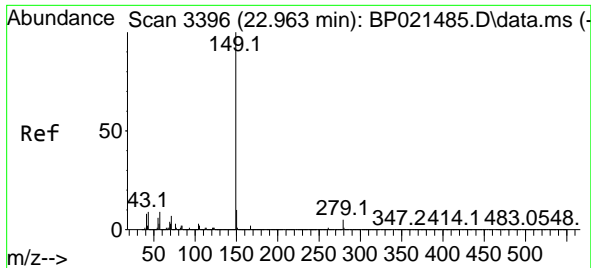


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 64.685 ng
 RT: 21.645 min Scan# 3172
 Delta R.T. -0.000 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



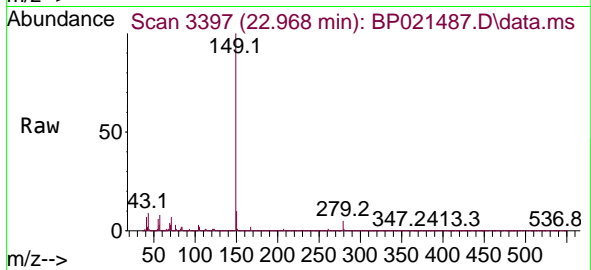
Tgt Ion: 149 Resp: 4576797
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.3 33.5
 279 4.6 3.8 5.6





#85
 Di-n-octyl phthalate
 Concen: 59.983 ng
 RT: 22.968 min Scan# 31
 Delta R.T. 0.005 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

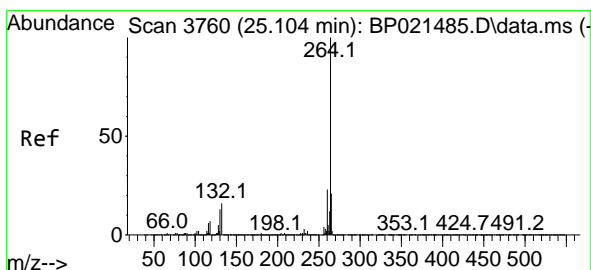
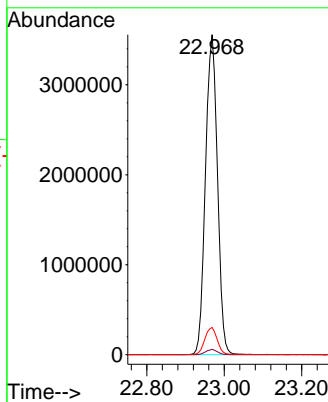
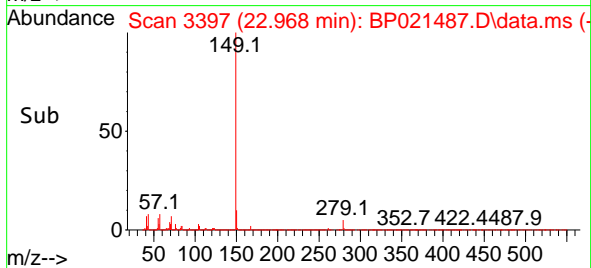
Instrument : BNA_P
 Client Sample Id : SSTDICC060



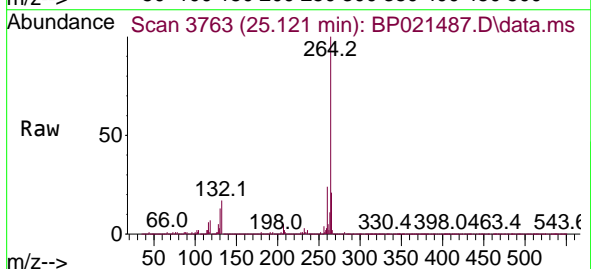
Tgt Ion: 149 Resp: 762220
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 8.7 7.3 10.9

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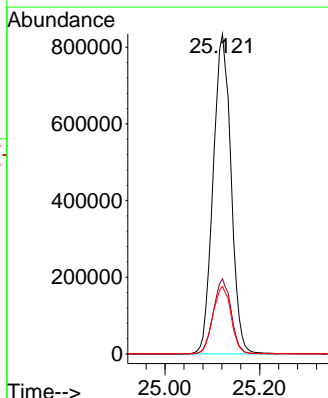
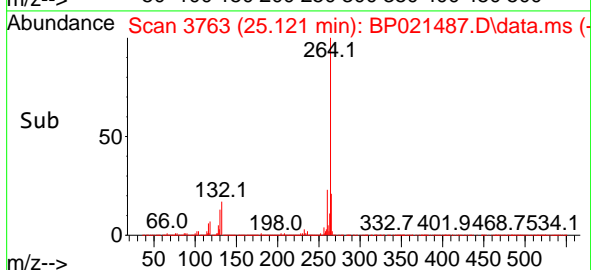
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

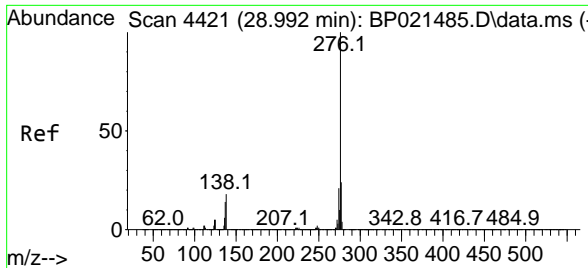


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.121 min Scan# 3763
 Delta R.T. 0.018 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



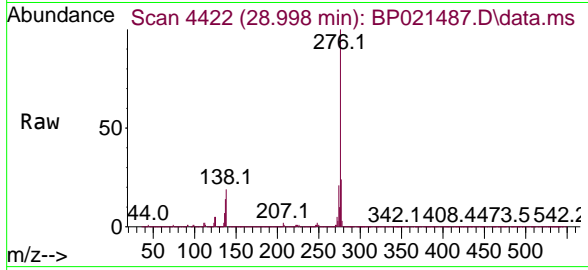
Tgt Ion: 264 Resp: 2191159
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.1 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 64.078 ng m
 RT: 28.998 min Scan# 4421
 Delta R.T. 0.006 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

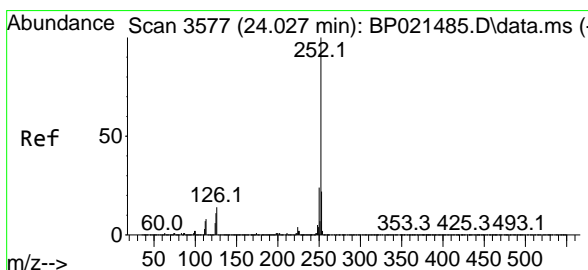
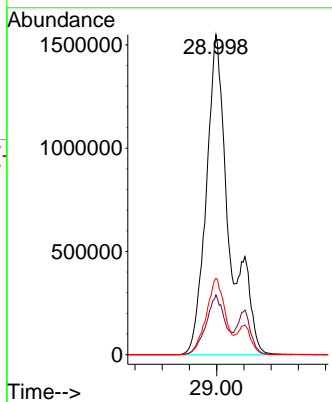
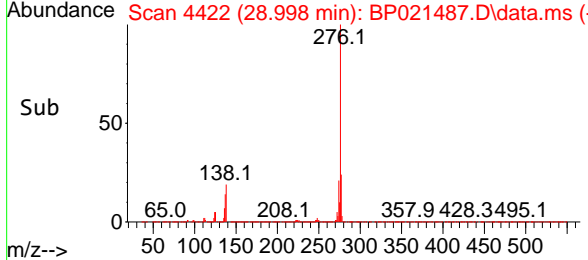
Instrument : BNA_P
 Client Sample Id : SSTDICC060



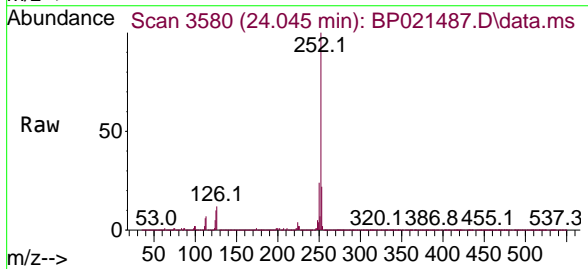
Tgt Ion: 276 Resp: 910034
 Ion Ratio Lower Upper
 276 100
 138 15.7 12.8 19.2
 277 19.7 16.5 24.7

Manual Integrations
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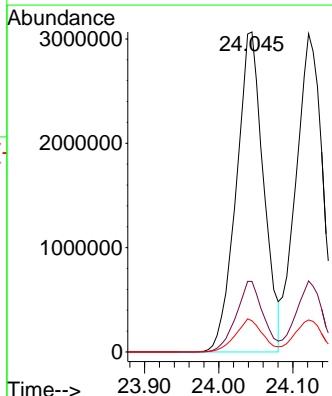
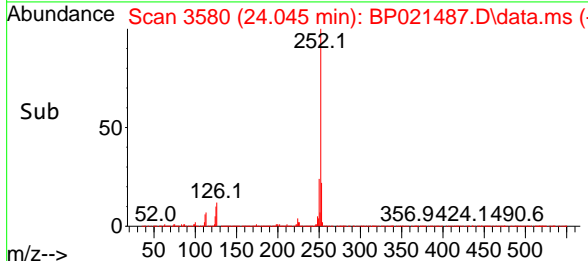
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

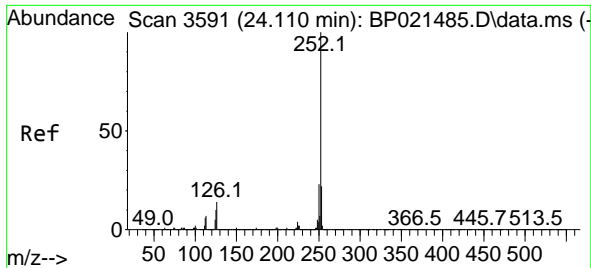


#88
 Benzo(b)fluoranthene
 Concen: 62.083 ng
 RT: 24.045 min Scan# 3580
 Delta R.T. 0.018 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



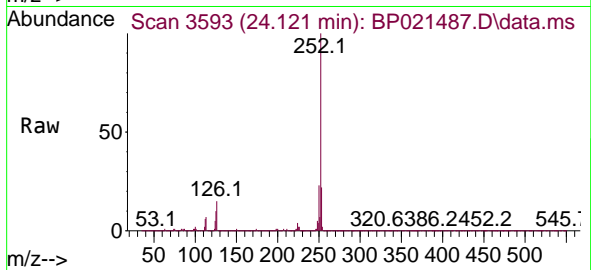
Tgt Ion: 252 Resp: 7812709
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 9.8 8.6 13.0





#89
 Benzo(k)fluoranthene
 Concen: 61.599 ng
 RT: 24.121 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

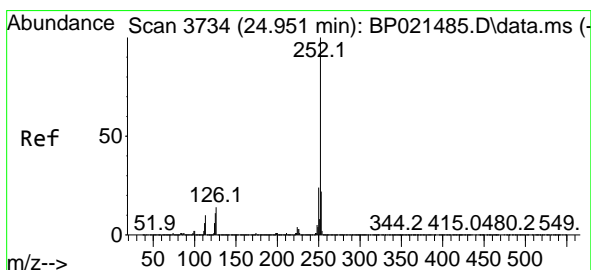
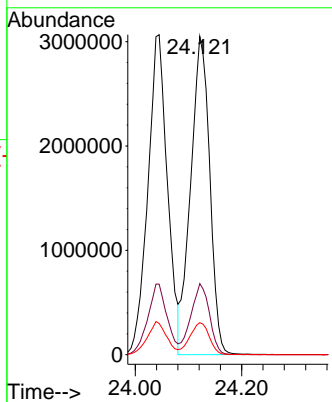
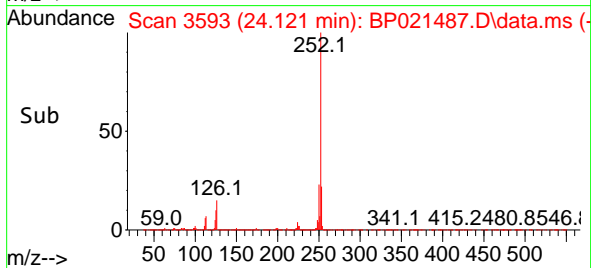
Instrument : BNA_P
 Client Sample Id : SSTDICC060



Tgt Ion: 252 Resp: 756196
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.5 26.3
 125 10.0 7.8 11.8

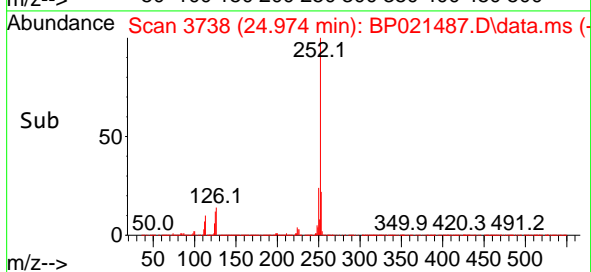
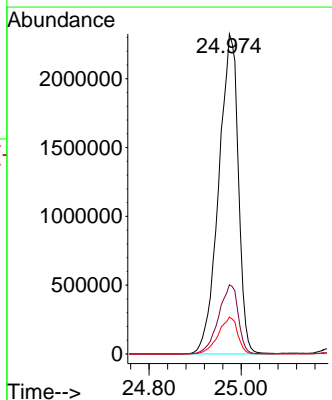
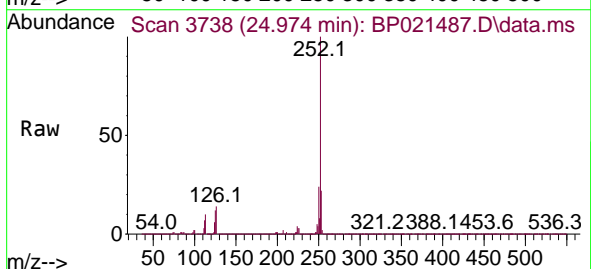
Manual Integrations
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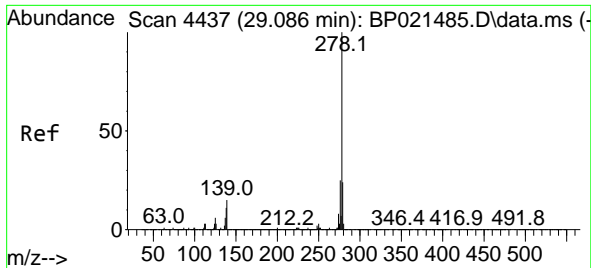
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#90
 Benzo(a)pyrene
 Concen: 62.630 ng
 RT: 24.974 min Scan# 3738
 Delta R.T. 0.023 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

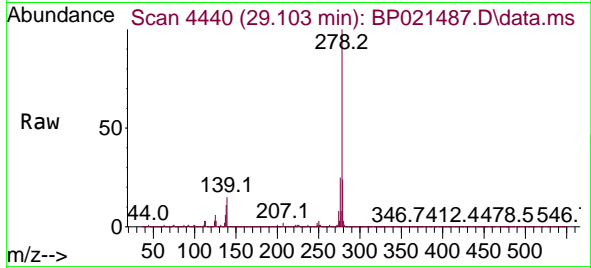
Tgt Ion: 252 Resp: 6839630
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.7 26.5
 125 11.5 8.7 13.1





#91
 Dibenzo(a,h)anthracene
 Concen: 63.721 ng
 RT: 29.103 min Scan# 4437
 Delta R.T. 0.018 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53

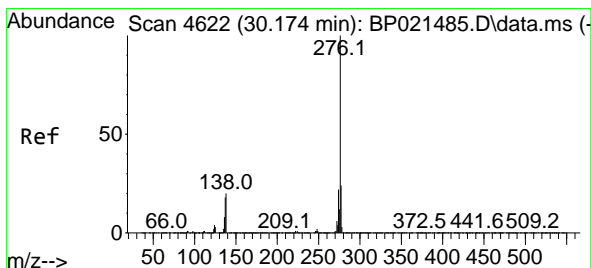
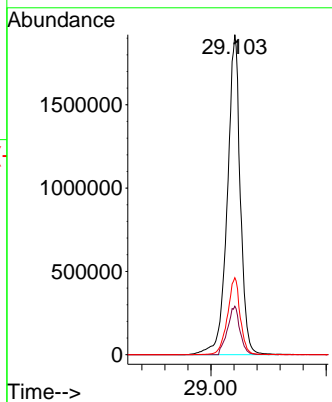
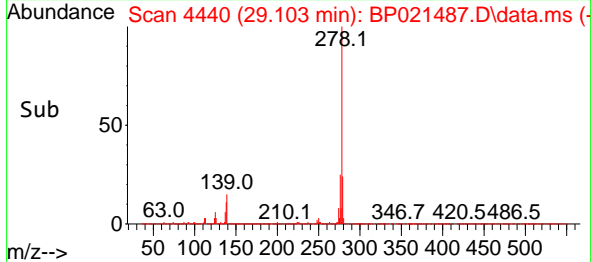
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC060



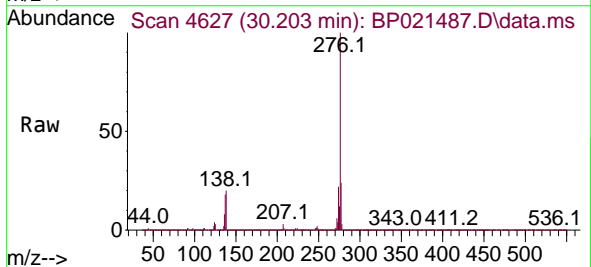
Tgt Ion: 278 Resp: 752000
 Ion Ratio Lower Upper
 278 100
 139 15.2 12.2 18.4
 279 24.0 19.1 28.7

Manual Integrations
APPROVED

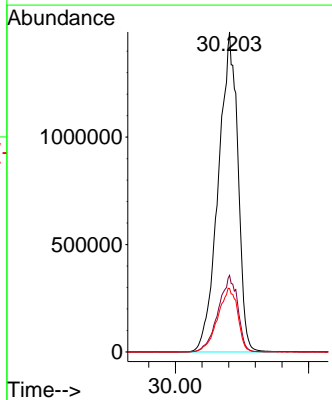
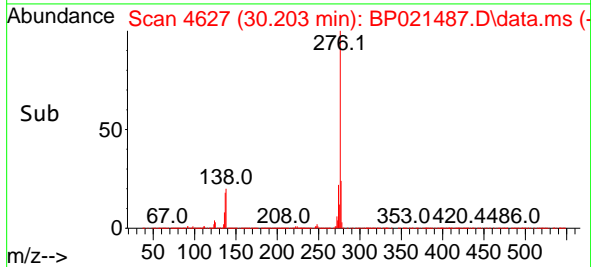
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#92
 Benzo(g,h,i)perylene
 Concen: 63.940 ng
 RT: 30.203 min Scan# 4627
 Delta R.T. 0.029 min
 Lab File: BP021487.D
 Acq: 13 Aug 2024 16:53



Tgt Ion: 276 Resp: 7563028
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.0 28.6
 138 19.8 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021488.D
 Acq On : 13 Aug 2024 17:36
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 23:48:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	405636	20.000	ng	0.00	
21) Naphthalene-d8	10.599	136	1590621	20.000	ng	0.00	
39) Acenaphthene-d10	14.451	164	991938	20.000	ng	0.00	
64) Phenanthrene-d10	17.239	188	2007991	20.000	ng	-0.01	
76) Chrysene-d12	21.698	240	1834396	20.000	ng	0.00	
86) Perylene-d12	25.110	264	2148798	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	4326213	158.364	ng	0.00	
7) Phenol-d6	6.969	99	6182538	155.142	ng	0.00	
23) Nitrobenzene-d5	8.957	82	5476064	177.696	ng	0.00	
42) 2,4,6-Tribromophenol	15.951	330	1902622	172.341	ng	-0.02	
45) 2-Fluorobiphenyl	13.063	172	9945684	153.020	ng	0.00	
79) Terphenyl-d14	19.969	244	13720759	145.311	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.317	88	981936	75.807	ng		99
3) Pyridine	3.705	79	2799665m	77.425	ng		
4) n-Nitrosodimethylamine	3.617	42	842879	77.551	ng		100
6) Aniline	7.140	93	2987211	74.981	ng		99
8) 2-Chlorophenol	7.375	128	1999068	79.186	ng		100
10) Phenol	6.993	94	3198266	77.502	ng		98
11) bis(2-Chloroethyl)ether	7.234	93	2653675	75.997	ng		98
12) 1,3-Dichlorobenzene	7.699	146	2278631	75.987	ng		99
13) 1,4-Dichlorobenzene	7.840	146	2292726	75.717	ng		99
14) 1,2-Dichlorobenzene	8.158	146	2200854	75.423	ng		100
15) Benzyl Alcohol	8.040	79	2214742	77.457	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	2391178	74.359	ng		99
17) 2-Methylphenol	8.234	107	1995331	76.484	ng		100
18) Hexachloroethane	8.887	117	957451	78.852	ng		98
19) n-Nitroso-di-n-propyla...	8.610	70	1923242	69.865	ng		99
20) 3+4-Methylphenols	8.563	107	2709790	77.033	ng		99
22) Acetophenone	8.622	105	3753281	76.808	ng		99
24) Nitrobenzene	8.999	77	2888411	86.298	ng		97
25) Isophorone	9.522	82	5496234	75.494	ng		100
27) 2,4-Dimethylphenol	9.763	122	1443721	80.354	ng		99
28) bis(2-Chloroethoxy)met...	10.004	93	3455210	77.749	ng		99
29) 2,4-Dichlorophenol	10.240	162	1832311	86.313	ng		100
30) 1,2,4-Trichlorobenzene	10.457	180	2181467	80.153	ng		99
31) Naphthalene	10.646	128	6530682	78.593	ng		99
32) Benzoic acid	9.922	122	1191515	79.618	ng		99
33) 4-Chloroaniline	10.746	127	2421138	77.568	ng		99
34) Hexachlorobutadiene	10.946	225	1379696	80.513	ng		97
35) Caprolactam	11.522	113	702638m	79.529	ng		
36) 4-Chloro-3-methylphenol	11.869	107	2368621	80.436	ng		98
37) 2-Methylnaphthalene	12.257	142	4347439	76.659	ng		100
38) 1-Methylnaphthalene	12.481	142	4237982	75.769	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	2395337	82.416	ng		100
41) Hexachlorocyclopentadiene	12.616	237	847184	91.971	ng		98
43) 2,4,6-Trichlorophenol	12.863	196	1454749	90.107	ng		100
44) 2,4,5-Trichlorophenol	12.928	196	1603816	89.412	ng		97
46) 1,1'-Biphenyl	13.275	154	5498161	78.343	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021488.D
 Acq On : 13 Aug 2024 17:36
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 23:48:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 23:44:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.310	162	4315309	78.980	ng	99
48) 2-Nitroaniline	13.504	65	1301093	81.000	ng	93
49) Acenaphthylene	14.169	152	6229370	77.556	ng	100
50) Dimethylphthalate	13.904	163	5104657	76.844	ng	99
51) 2,6-Dinitrotoluene	14.010	165	1121870	80.745	ng	97
52) Acenaphthene	14.510	154	4136001	78.480	ng	99
53) 3-Nitroaniline	14.340	138	1100154	80.567	ng	# 95
54) 2,4-Dinitrophenol	14.545	184	370353	79.528	ng	92
55) Dibenzofuran	14.851	168	6247950	77.067	ng	99
56) 4-Nitrophenol	14.640	139	885944	80.388	ng	97
57) 2,4-Dinitrotoluene	14.804	165	1449693	81.172	ng	96
58) Fluorene	15.510	166	4891299	73.441	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.075	232	1322486	86.863	ng	100
60) Diethylphthalate	15.292	149	5198353	76.268	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	2556419	74.256	ng	98
62) 4-Nitroaniline	15.522	138	1101954	79.329	ng	94
63) Azobenzene	15.804	77	6169252	73.633	ng	97
65) 4,6-Dinitro-2-methylph...	15.575	198	600088	79.442	ng	100
66) n-Nitrosodiphenylamine	15.722	169	4264380	79.247	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	1731598	81.480	ng	98
68) Hexachlorobenzene	16.534	284	1994136	79.402	ng	99
69) Atrazine	16.698	200	1395641	75.542	ng	98
70) Pentachlorophenol	16.881	266	1256277	91.649	ng	100
71) Phenanthrene	17.286	178	7482235	77.481	ng	99
72) Anthracene	17.381	178	7350512	77.613	ng	100
73) Carbazole	17.651	167	7163944	78.491	ng	99
74) Di-n-butylphthalate	18.257	149	9044596	80.689	ng	100
75) Fluoranthene	19.369	202	9185836	77.525	ng	99
77) Benzidine	19.557	184	3000610	82.290	ng	99
78) Pyrene	19.745	202	9406096	78.450	ng	99
80) Butylbenzylphthalate	20.704	149	3806046	80.964	ng	98
81) Benzo(a)anthracene	21.680	228	9116699	79.168	ng	98
82) 3,3'-Dichlorobenzidine	21.598	252	3092890	83.768	ng	100
83) Chrysene	21.751	228	8577622	78.894	ng	98
84) Bis(2-ethylhexyl)phtha...	21.639	149	6062099	89.068	ng	100
85) Di-n-octyl phthalate	22.957	149	10099312	80.797	ng	99
87) Indeno(1,2,3-cd)pyrene	29.009	276	11599453m	83.285	ng	
88) Benzo(b)fluoranthene	24.045	252	9994213	80.984	ng	100
89) Benzo(k)fluoranthene	24.121	252	9544162	79.279	ng	99
90) Benzo(a)pyrene	24.962	252	8757562	81.773	ng	100
91) Dibenzo(a,h)anthracene	29.098	278	9530458	82.349	ng	100
92) Benzo(g,h,i)perylene	30.209	276	9695156	83.581	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

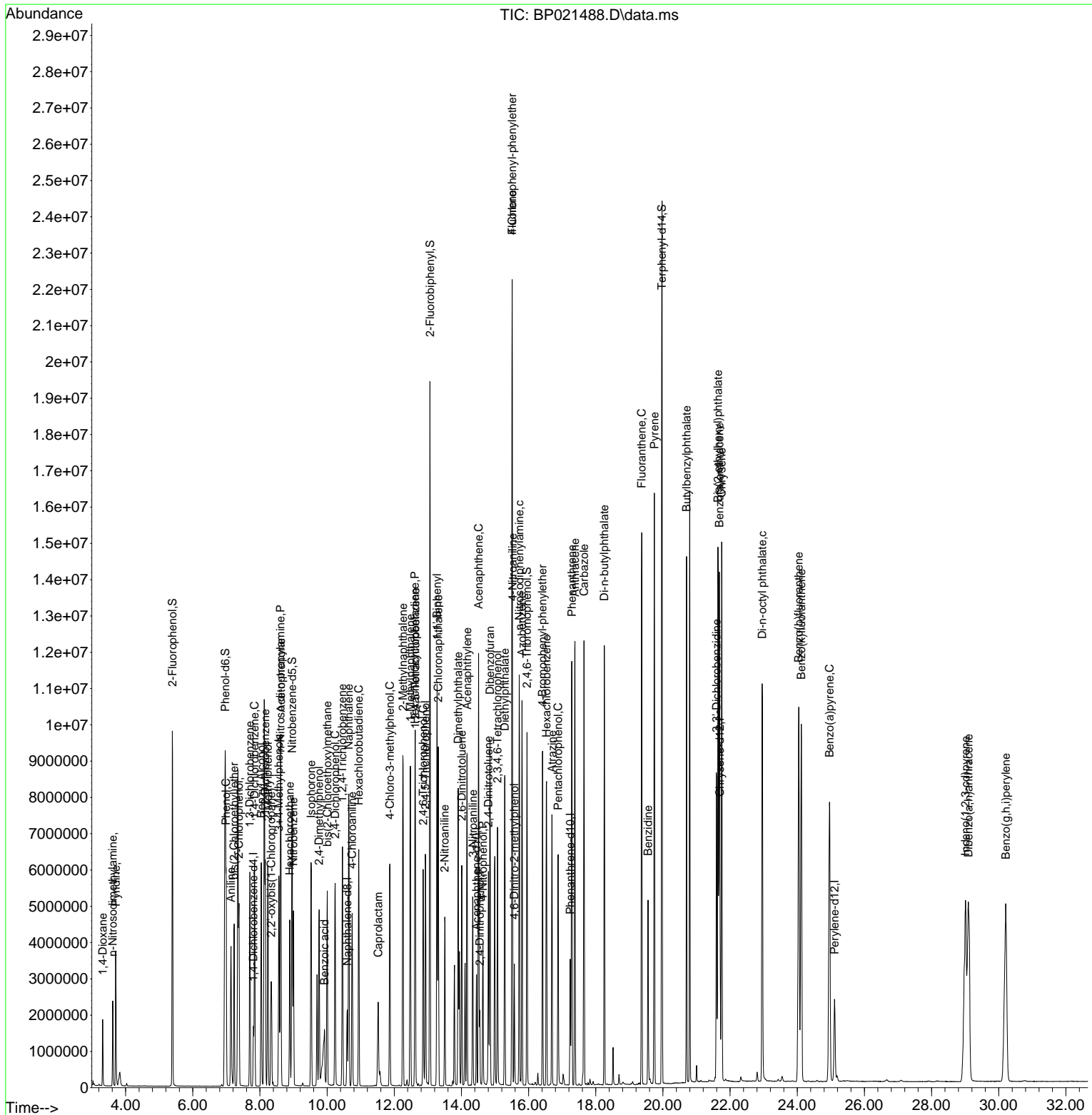
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
Data File : BP021488.D
Acq On : 13 Aug 2024 17:36
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

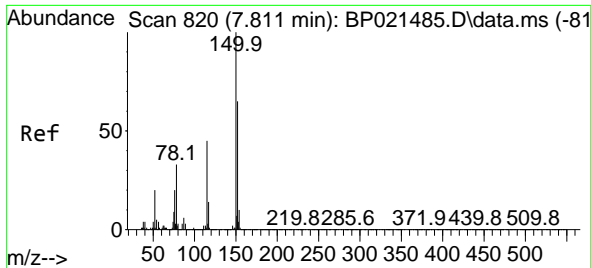
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Aug 13 23:48:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 23:44:24 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024





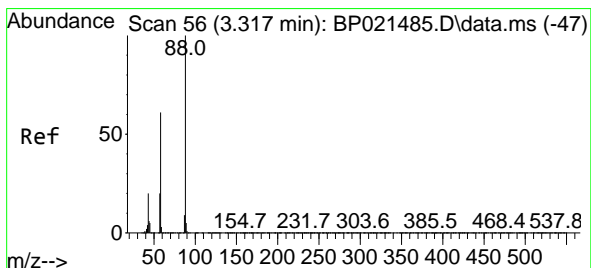
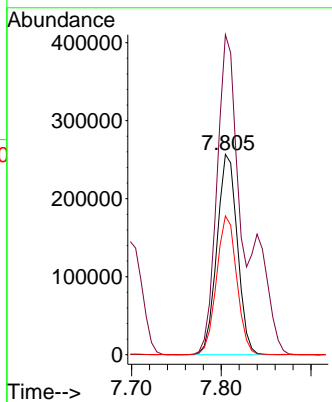
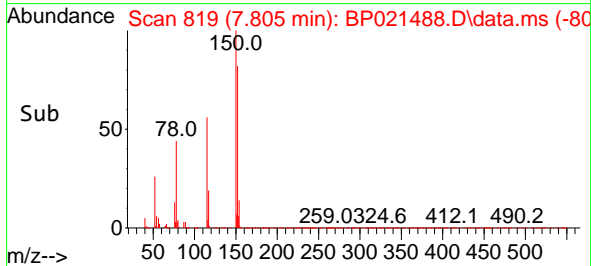
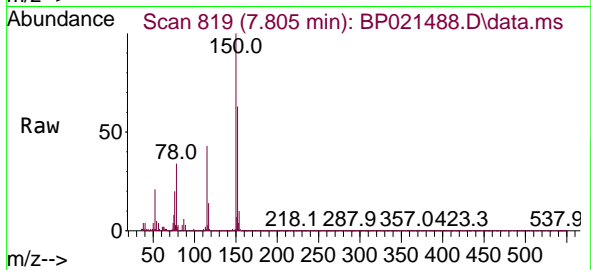
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Tgt Ion:152 Resp: 405630
 Ion Ratio Lower Upper
 152 100
 150 159.8 122.4 183.6
 115 69.3 54.7 82.1

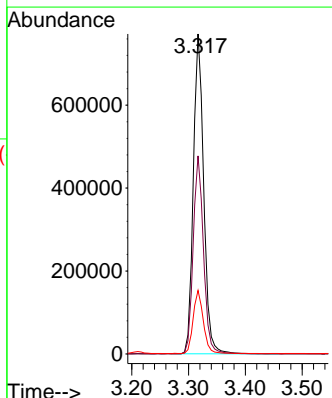
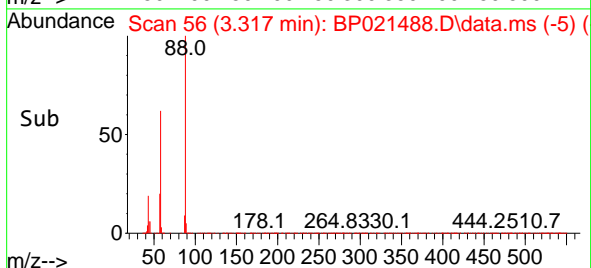
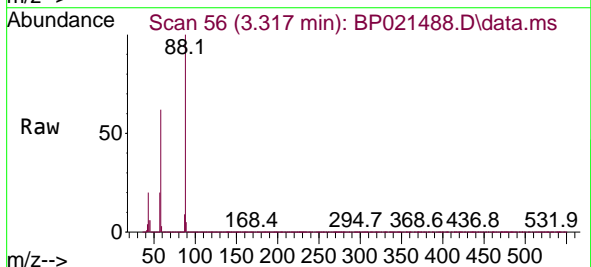
Manual Integrations
 APPROVED

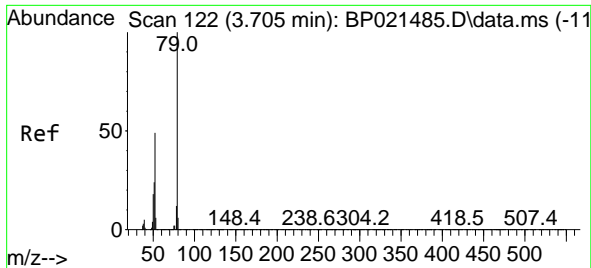
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#2
 1,4-Dioxane
 Concen: 75.807 ng
 RT: 3.317 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

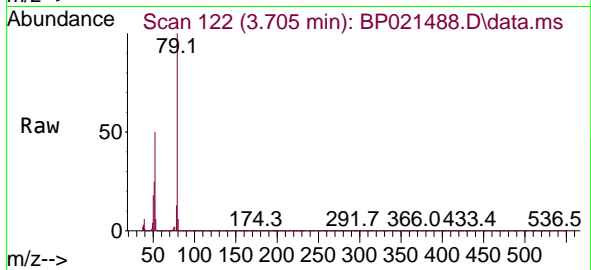
Tgt Ion: 88 Resp: 981936
 Ion Ratio Lower Upper
 88 100
 58 61.6 48.7 73.1
 43 19.6 15.4 23.2





#3
 Pyridine
 Concen: 77.425 ng m
 RT: 3.705 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

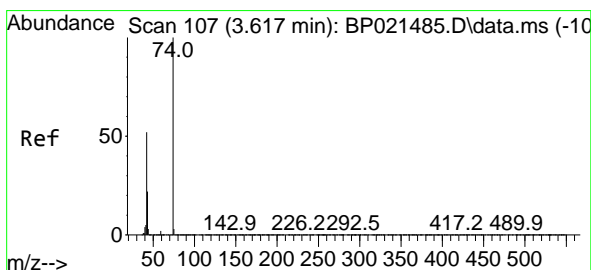
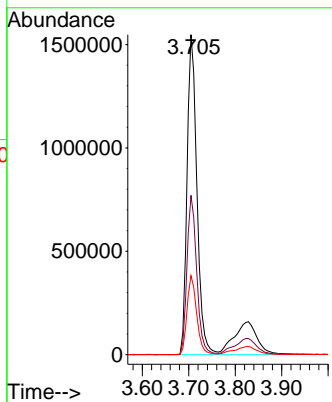
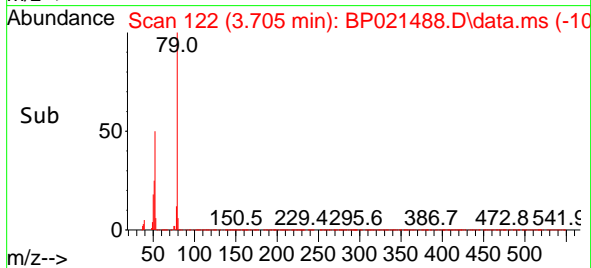
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080



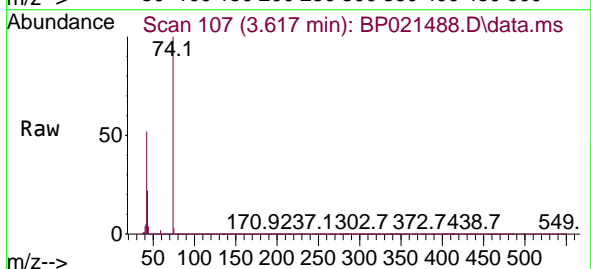
Tgt Ion: 79 Resp: 279966
 Ion Ratio Lower Upper
 79 100
 52 49.8 39.0 58.6
 51 24.7 19.2 28.8

Manual Integrations
 APPROVED

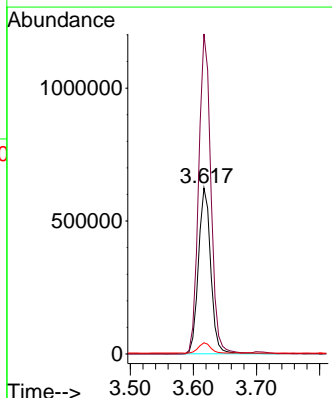
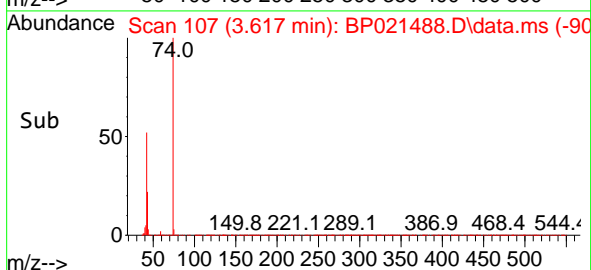
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

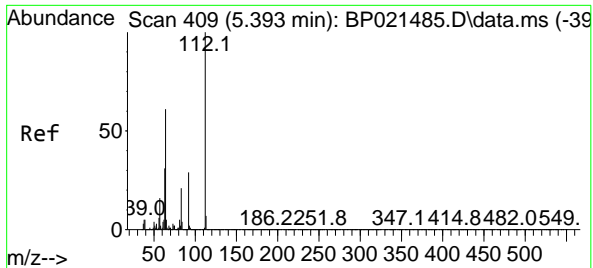


#4
 n-Nitrosodimethylamine
 Concen: 77.551 ng
 RT: 3.617 min Scan# 107
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



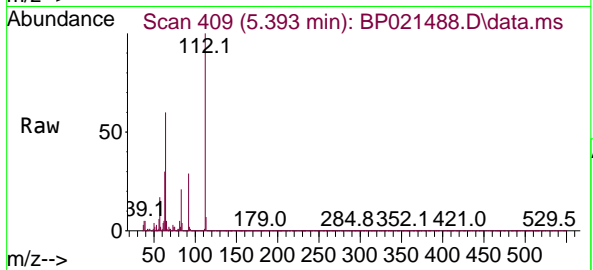
Tgt Ion: 42 Resp: 842879
 Ion Ratio Lower Upper
 42 100
 74 192.8 154.3 231.5
 44 6.8 6.2 9.4





#5
 2-Fluorophenol
 Concen: 158.364 ng
 RT: 5.393 min Scan# 409
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

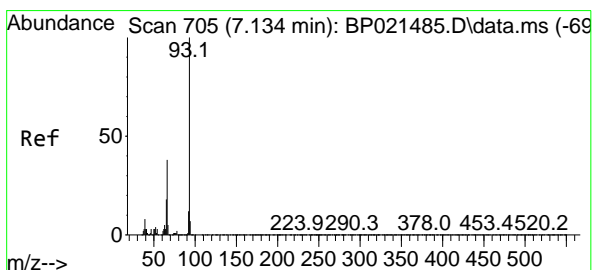
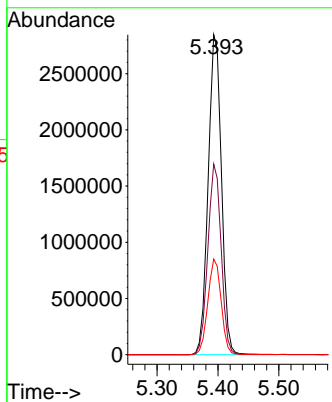
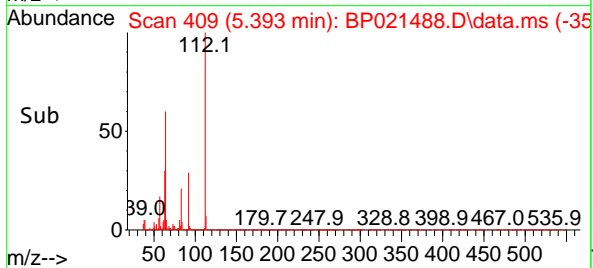
Instrument : BNA_P
 Client Sample Id : SSTDIC080



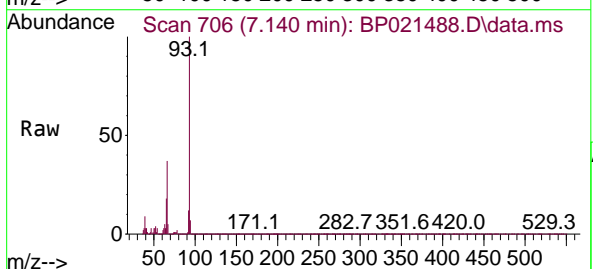
Tgt Ion: 112 Resp: 432621
 Ion Ratio Lower Upper
 112 100
 64 59.6 49.0 73.6
 63 29.9 24.6 36.8

Manual Integrations
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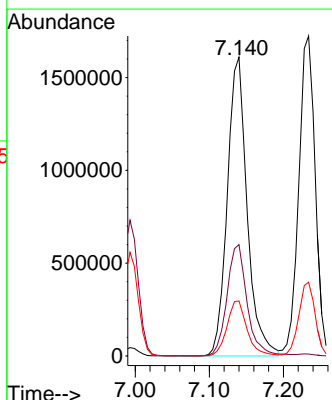
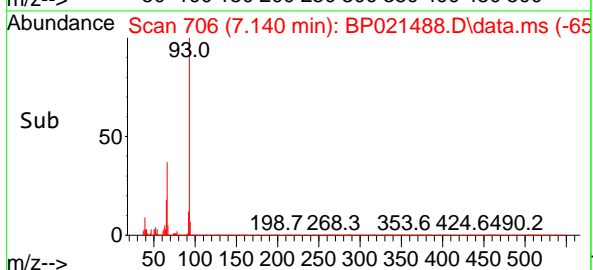
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

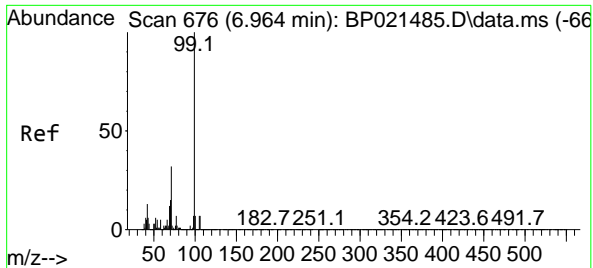


#6
 Aniline
 Concen: 74.981 ng
 RT: 7.140 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



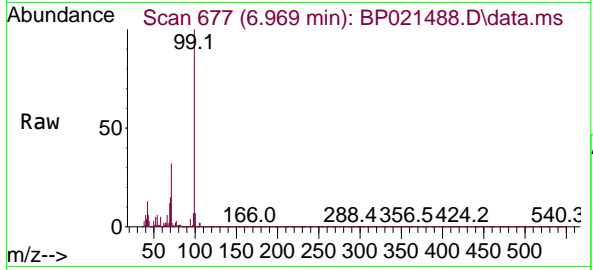
Tgt Ion: 93 Resp: 2987211
 Ion Ratio Lower Upper
 93 100
 66 37.3 30.2 45.2
 65 18.4 14.7 22.1





#7
Phenol-d6
Concen: 155.142 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021488.D
Acq: 13 Aug 2024 17:36

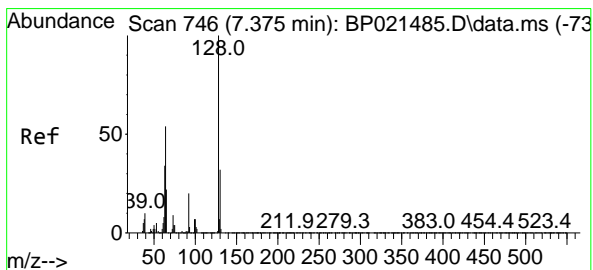
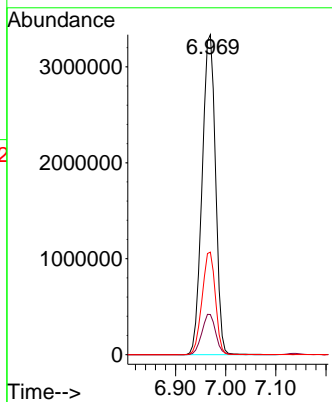
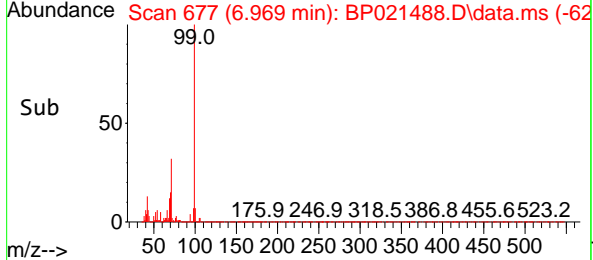
Instrument :
BNA_P
Client Sample Id :
SSTDICC080



Tgt Ion: 99 Resp: 618253
Ion Ratio Lower Upper
99 100
42 12.5 10.2 15.4
71 32.1 25.8 38.8

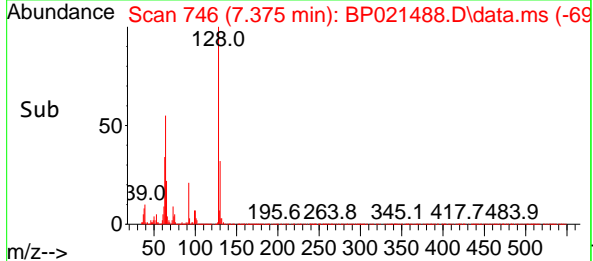
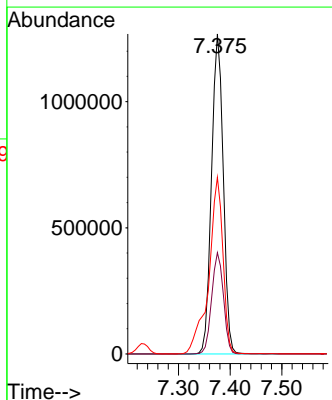
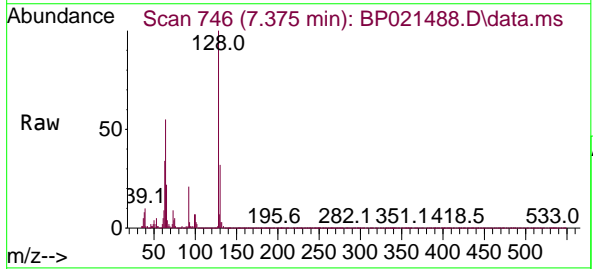
Manual Integrations
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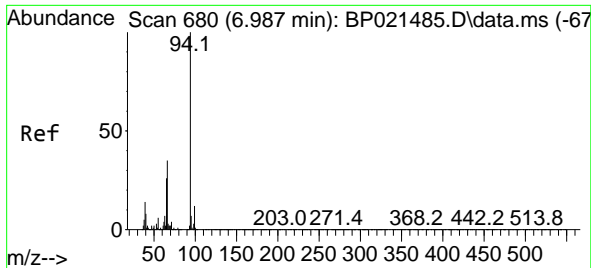
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#8
2-Chlorophenol
Concen: 79.186 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP021488.D
Acq: 13 Aug 2024 17:36

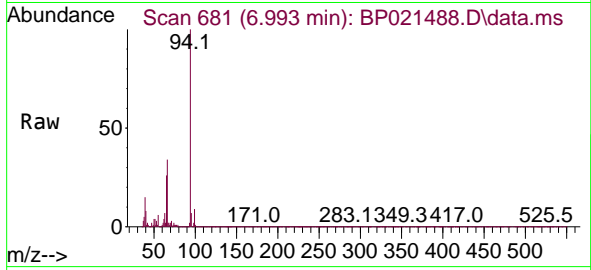
Tgt Ion:128 Resp: 1999068
Ion Ratio Lower Upper
128 100
130 31.7 11.6 51.6
64 55.2 35.3 75.3





#10
 Phenol
 Concen: 77.502 ng
 RT: 6.993 min Scan# 680
 Delta R.T. 0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

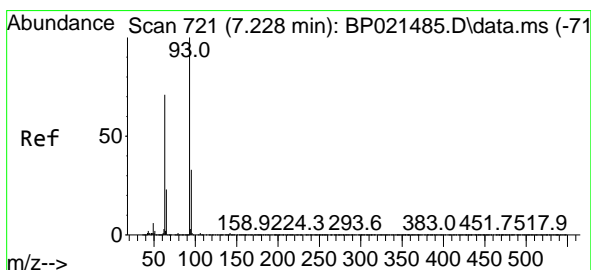
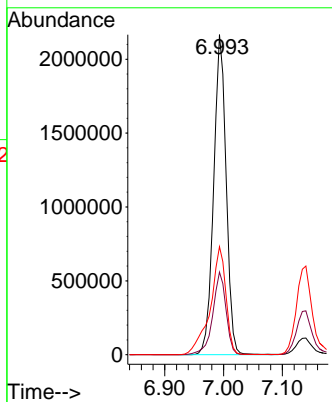
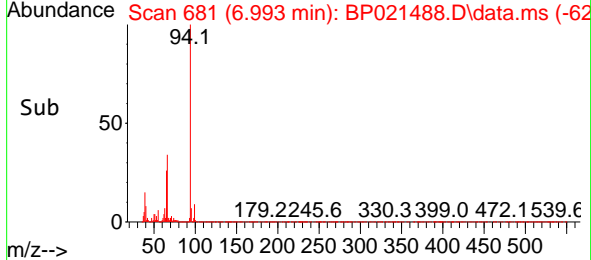
Instrument : BNA_P
 Client Sample Id : SSTDIC080



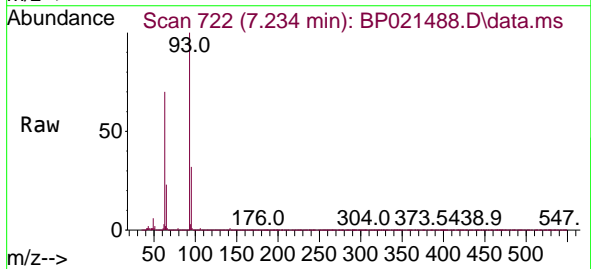
Tgt Ion: 94 Resp: 319826
 Ion Ratio Lower Upper
 94 100
 65 25.8 6.5 46.5
 66 33.7 14.7 54.7

Manual Integrations
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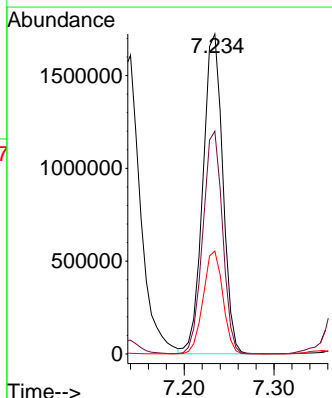
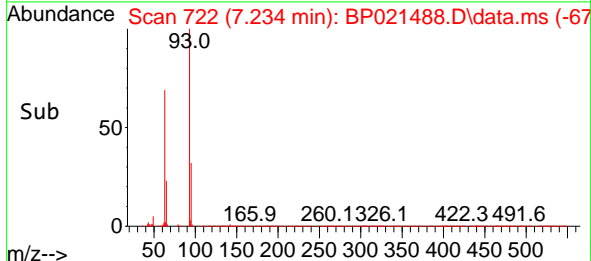
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

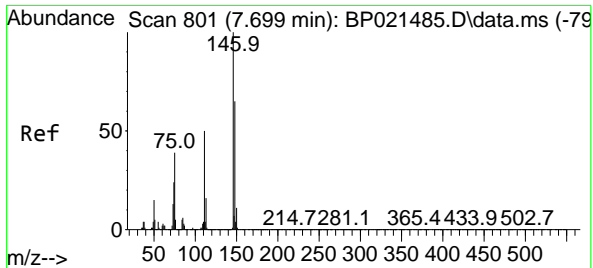


#11
 bis(2-Chloroethyl)ether
 Concen: 75.997 ng
 RT: 7.234 min Scan# 722
 Delta R.T. 0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



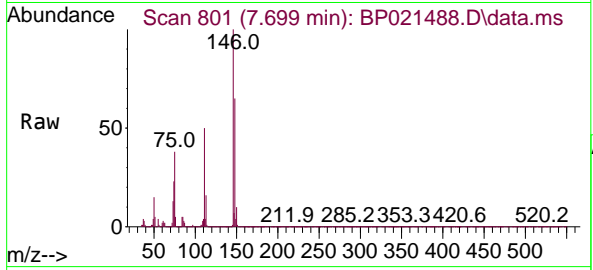
Tgt Ion: 93 Resp: 2653675
 Ion Ratio Lower Upper
 93 100
 63 69.6 51.0 91.0
 95 32.2 12.9 52.9





#12
 1,3-Dichlorobenzene
 Concen: 75.987 ng
 RT: 7.699 min Scan# 801
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

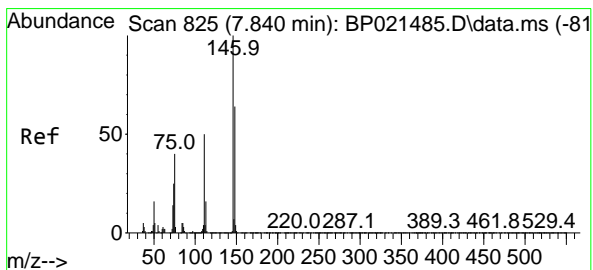
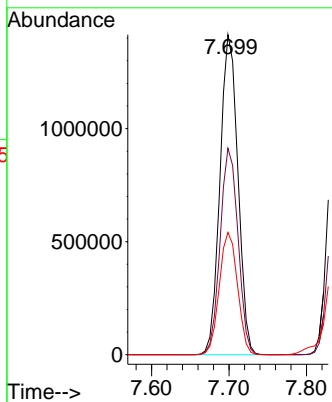
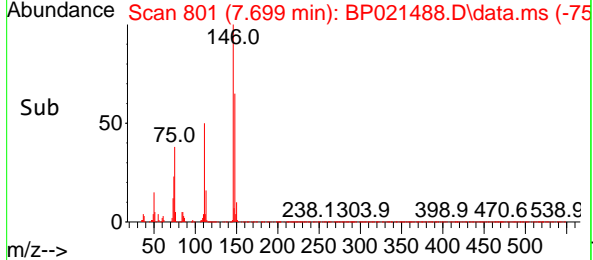
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080



Tgt Ion:146 Resp: 227863
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 75 38.2 31.3 46.9

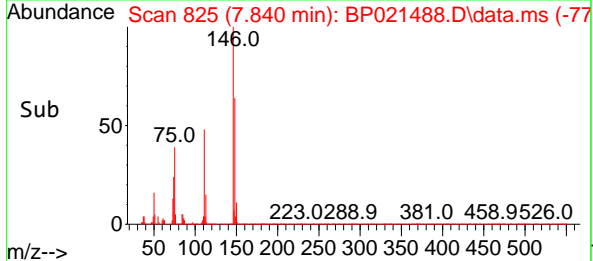
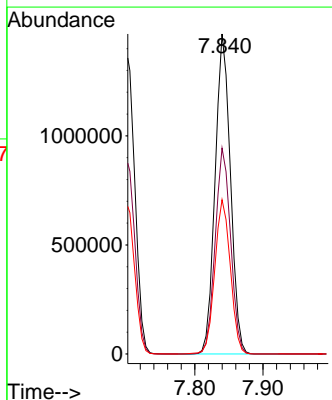
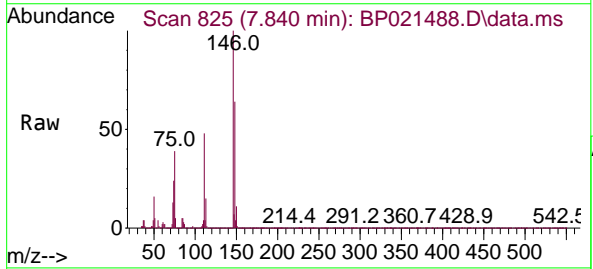
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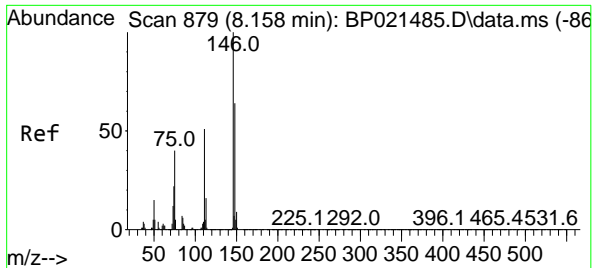
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#13
 1,4-Dichlorobenzene
 Concen: 75.717 ng
 RT: 7.840 min Scan# 825
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

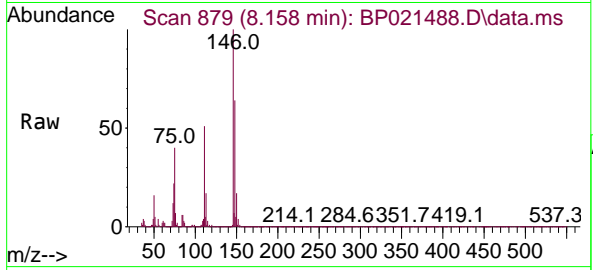
Tgt Ion:146 Resp: 2292726
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.5 77.3
 111 48.2 40.3 60.5





#14
 1,2-Dichlorobenzene
 Concen: 75.423 ng
 RT: 8.158 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

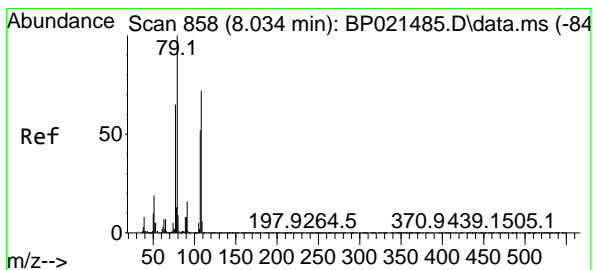
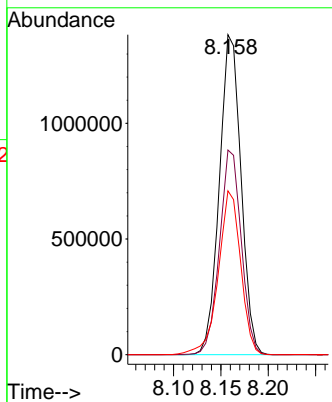
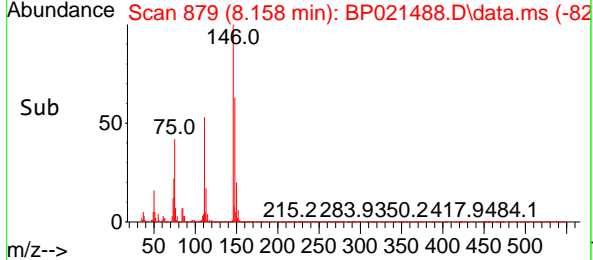
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080



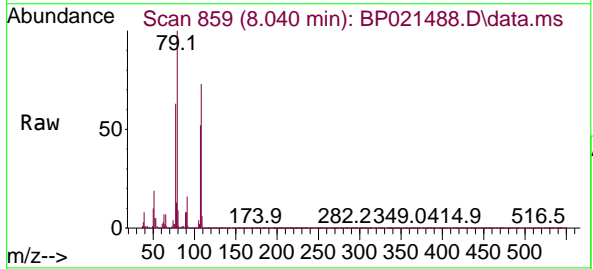
Tgt Ion:146 Resp: 220085
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.5 77.3
 111 51.2 41.1 61.7

Manual Integrations
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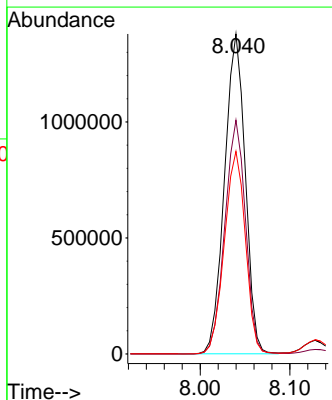
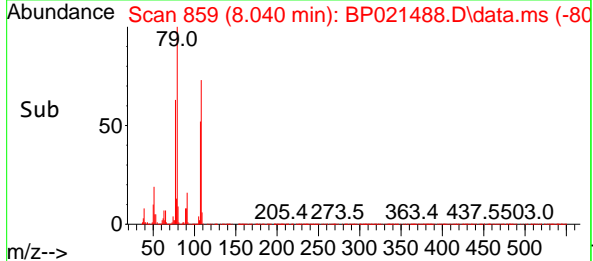
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

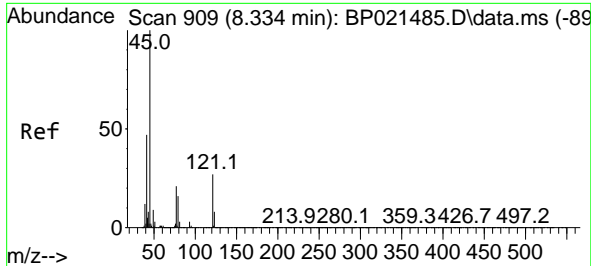


#15
 Benzyl Alcohol
 Concen: 77.457 ng
 RT: 8.040 min Scan# 859
 Delta R.T. 0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



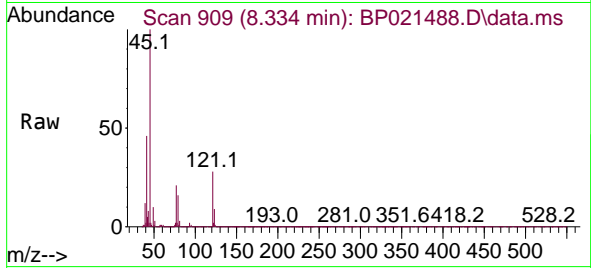
Tgt Ion: 79 Resp: 2214742
 Ion Ratio Lower Upper
 79 100
 108 73.1 57.9 86.9
 77 63.3 51.8 77.8





#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 74.359 ng
 RT: 8.334 min Scan# 909
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080

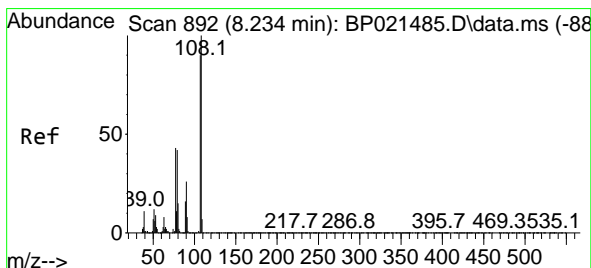
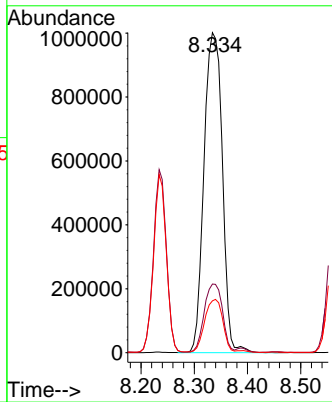
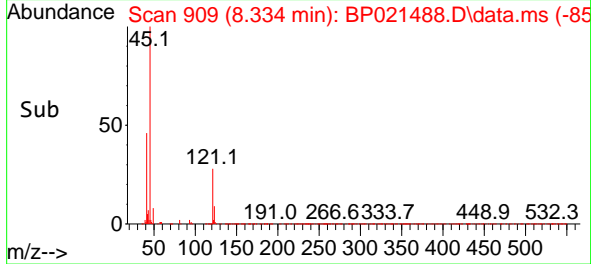


Tgt Ion: 45 Resp: 2391178

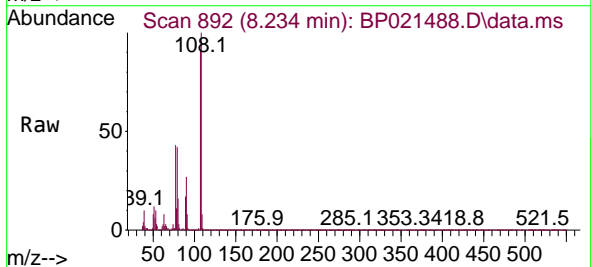
Ion	Ratio	Lower	Upper
45	100		
77	21.4	1.9	41.9
79	16.2	0.0	36.6

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

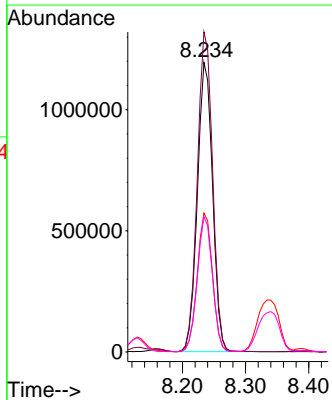
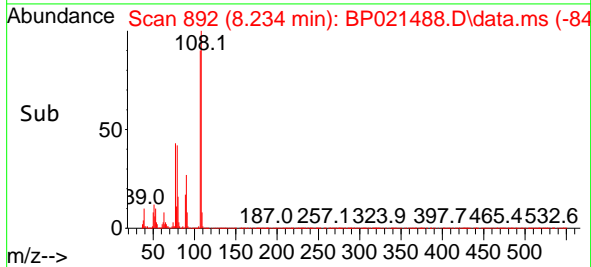


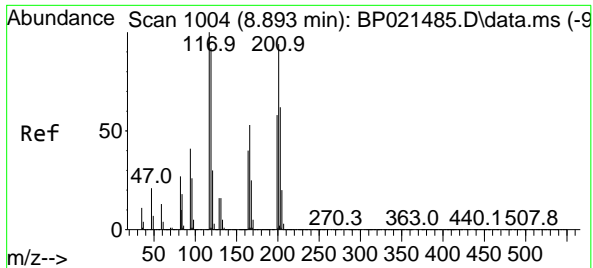
#17
 2-Methylphenol
 Concen: 76.484 ng
 RT: 8.234 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



Tgt Ion:107 Resp: 1995331

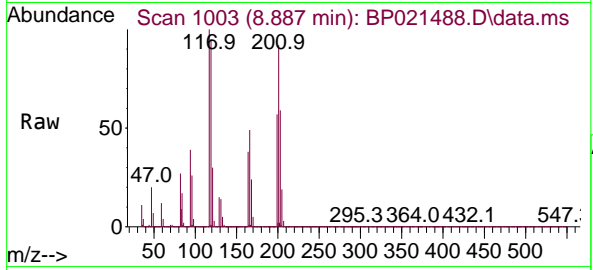
Ion	Ratio	Lower	Upper
107	100		
108	110.5	88.8	133.2
77	47.9	38.7	58.1
79	46.6	37.4	56.2





#18
 Hexachloroethane
 Concen: 78.852 ng
 RT: 8.887 min Scan# 1003
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

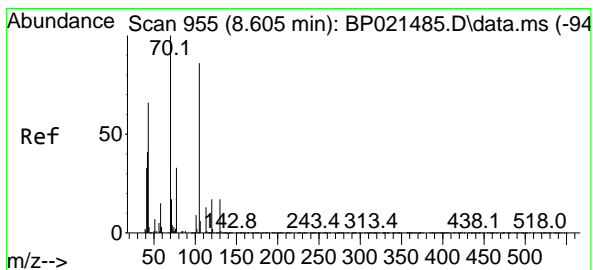
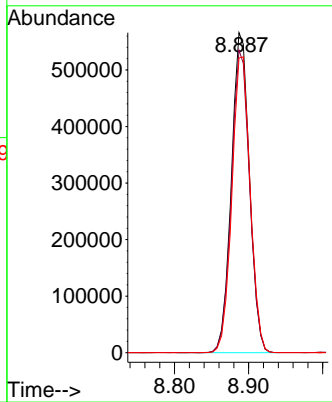
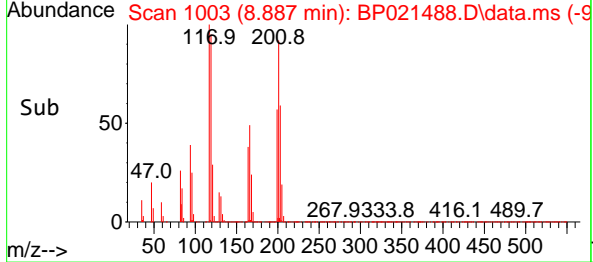
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080



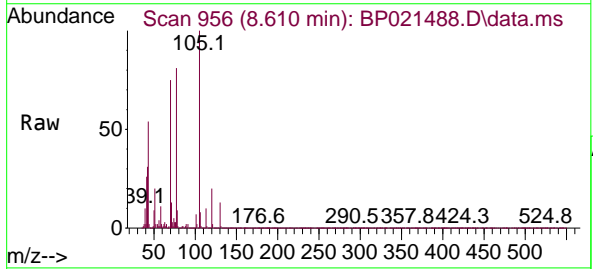
Tgt Ion: 117 Resp: 95745
 Ion Ratio Lower Upper
 117 100
 119 94.5 73.9 110.9
 201 92.1 74.9 112.3

Manual Integrations
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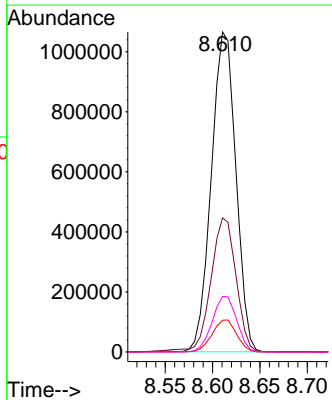
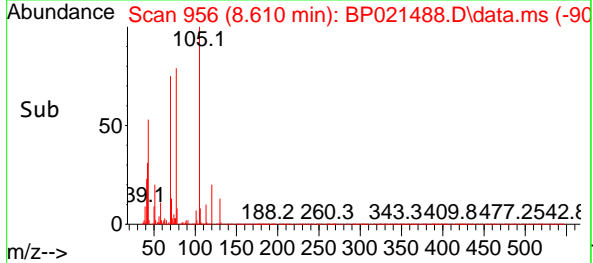
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

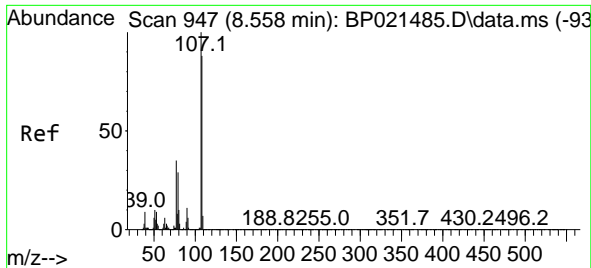


#19
 n-Nitroso-di-n-propylamine
 Concen: 69.865 ng
 RT: 8.610 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



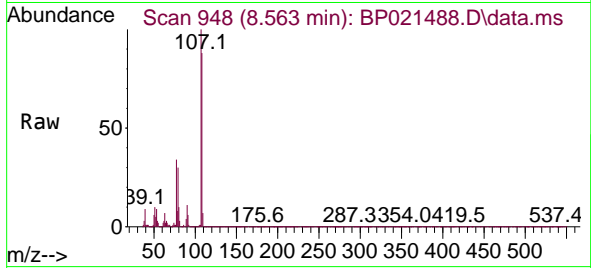
Tgt Ion: 70 Resp: 1923242
 Ion Ratio Lower Upper
 70 100
 42 41.9 33.1 49.7
 101 9.9 7.4 11.2
 130 17.4 13.3 19.9





#20
 3+4-Methylphenols
 Concen: 77.033 ng
 RT: 8.563 min Scan# 948
 Delta R.T. 0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080

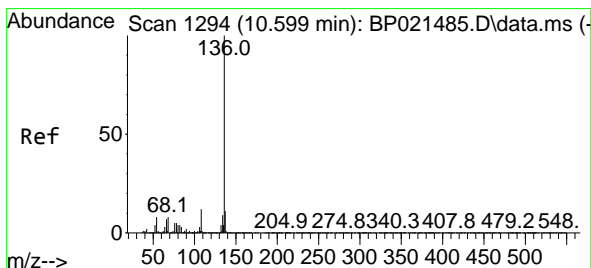
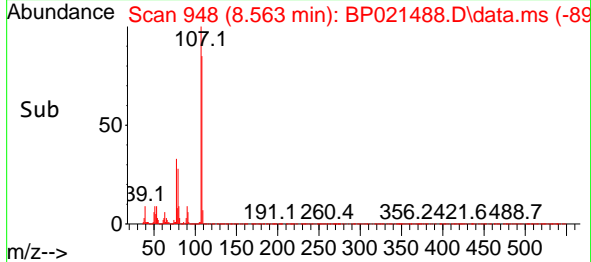
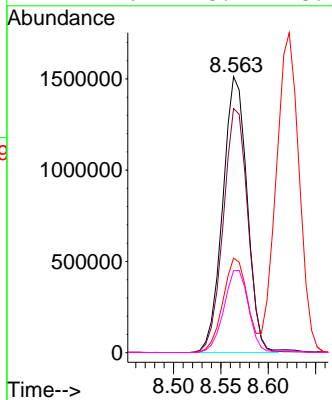


Tgt Ion: 107 Resp: 2709790

Ion	Ratio	Lower	Upper
107	100		
108	88.4	67.6	107.6
77	34.2	15.0	55.0
79	29.7	8.9	48.9

Manual Integrations
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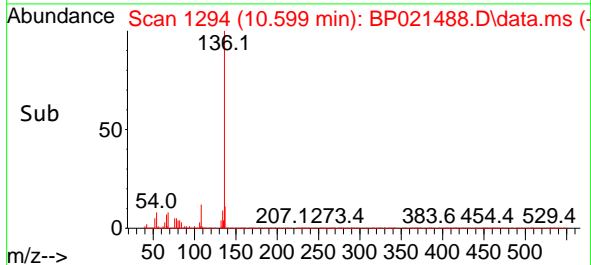
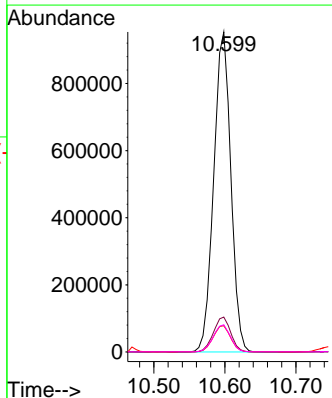
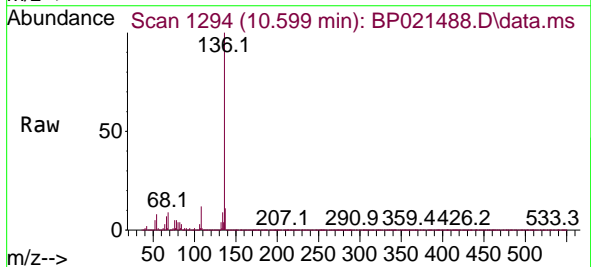
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

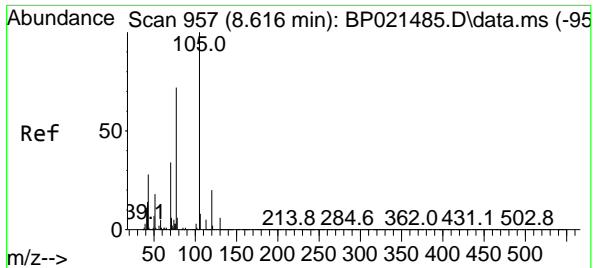


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.599 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Tgt Ion: 136 Resp: 1590621

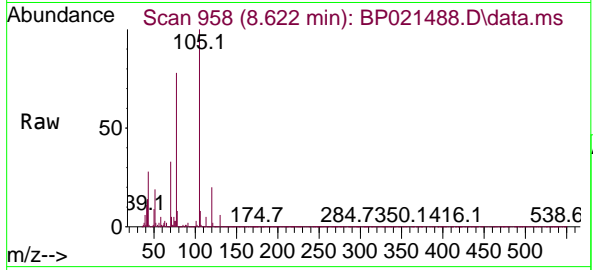
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.2	6.3	9.5
68	8.5	6.8	10.2





#22
 Acetophenone
 Concen: 76.808 ng
 RT: 8.622 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080

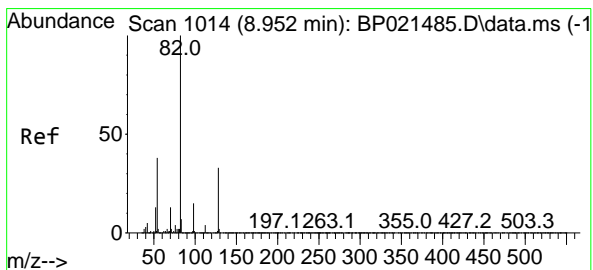
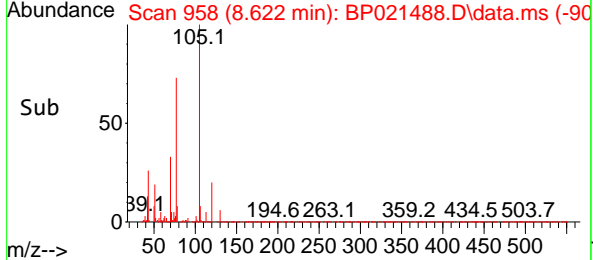
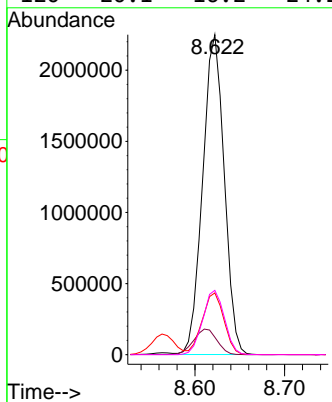


Tgt Ion: 105 Resp: 375328

Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.6	7.0
51	19.3	16.3	24.5
120	20.1	16.2	24.2

Manual Integrations
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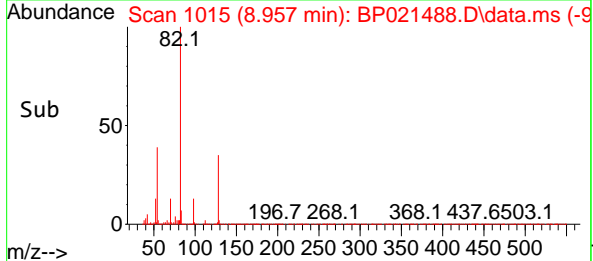
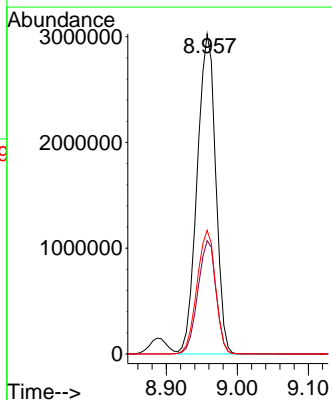
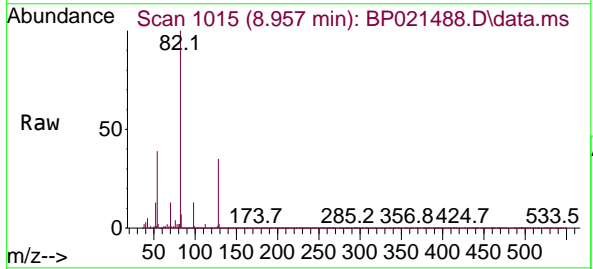
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

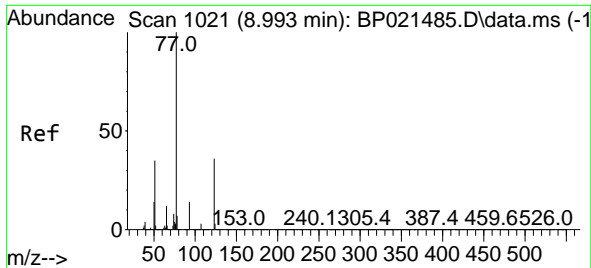


#23
 Nitrobenzene-d5
 Concen: 177.696 ng
 RT: 8.957 min Scan# 1015
 Delta R.T. 0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Tgt Ion: 82 Resp: 5476064

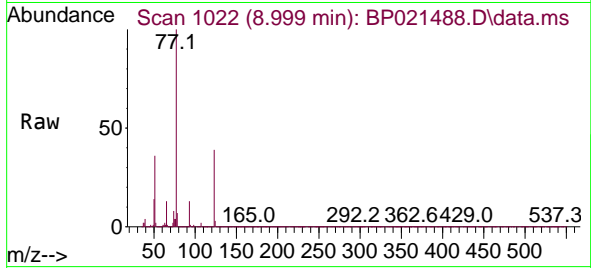
Ion	Ratio	Lower	Upper
82	100		
128	35.4	26.5	39.7
54	38.7	30.3	45.5





#24
 Nitrobenzene
 Concen: 86.298 ng
 RT: 8.999 min Scan# 1022
 Delta R.T. 0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

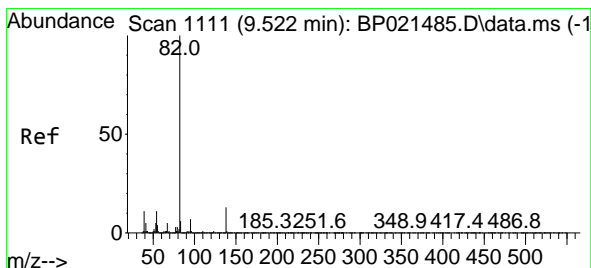
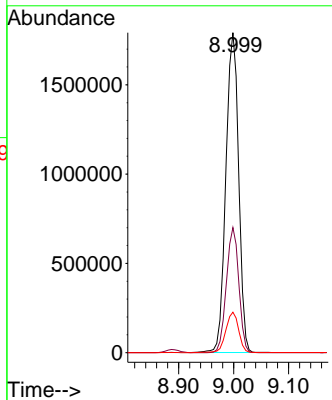
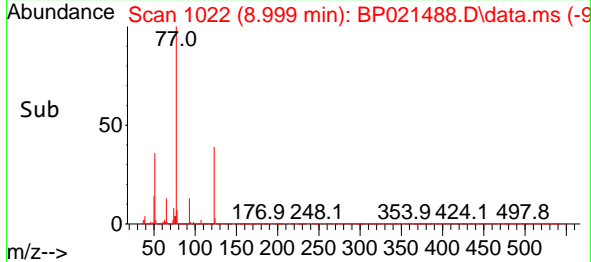
Instrument : BNA_P
 Client Sample Id : SSTDICC080



Tgt Ion: 77 Resp: 288841
 Ion Ratio Lower Upper
 77 100
 123 39.1 29.5 44.3
 65 12.7 9.9 14.9

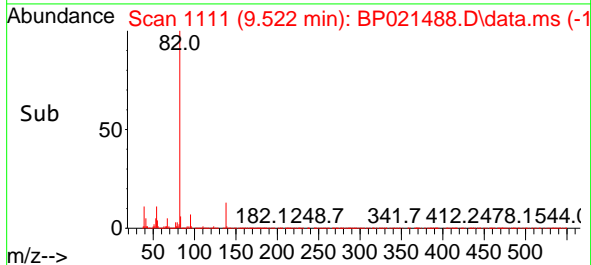
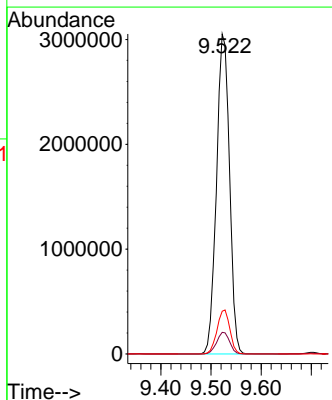
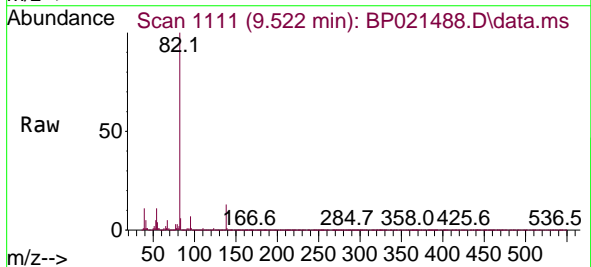
Manual Integrations
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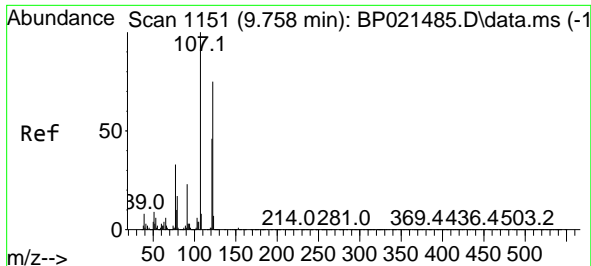
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#25
 Isophorone
 Concen: 75.494 ng
 RT: 9.522 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

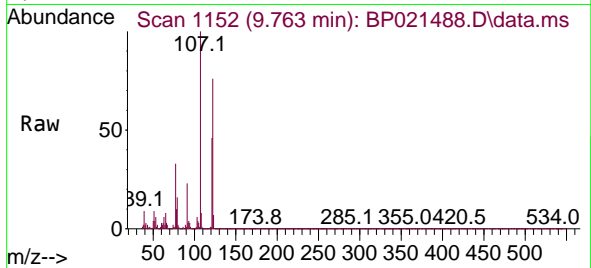
Tgt Ion: 82 Resp: 5496234
 Ion Ratio Lower Upper
 82 100
 95 6.7 5.4 8.2
 138 13.3 10.6 16.0





#27
 2,4-Dimethylphenol
 Concen: 80.354 ng
 RT: 9.763 min Scan# 1152
 Delta R.T. 0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

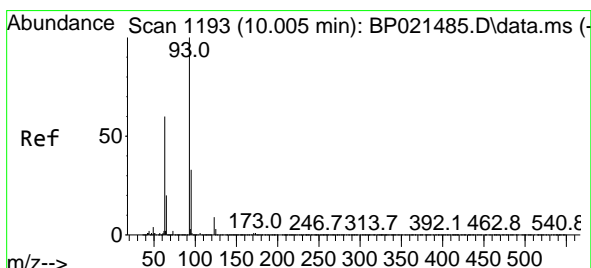
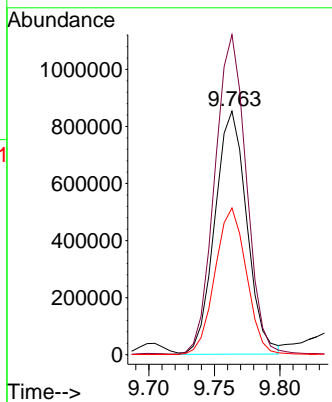
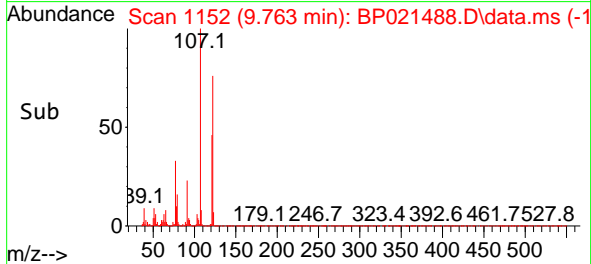
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080



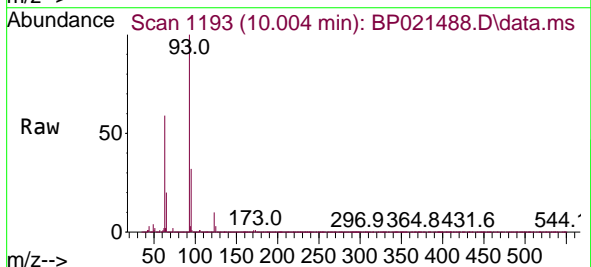
Tgt Ion: 122 Resp: 144372
 Ion Ratio Lower Upper
 122 100
 107 131.4 106.2 159.4
 121 60.3 48.8 73.2

Manual Integrations
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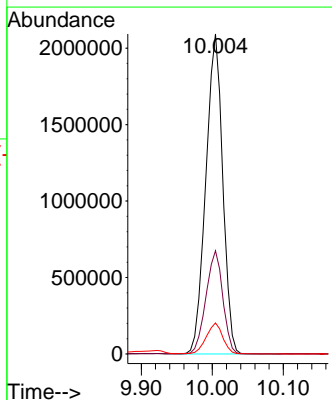
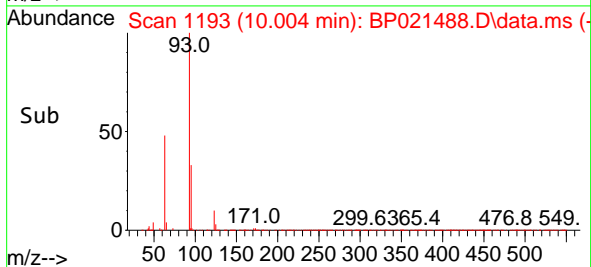
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

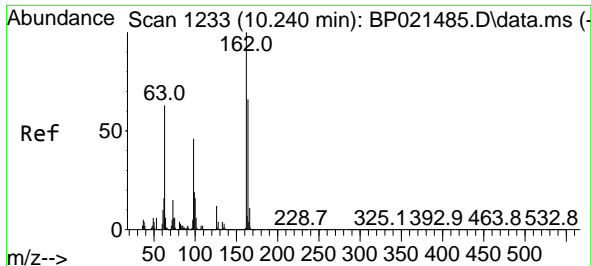


#28
 bis(2-Chloroethoxy)methane
 Concen: 77.749 ng
 RT: 10.004 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



Tgt Ion: 93 Resp: 3455210
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.2 39.4
 123 9.7 7.6 11.4





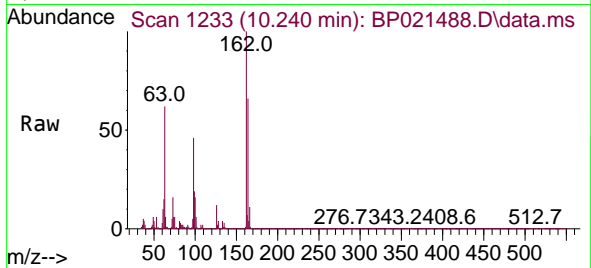
#29
 2,4-Dichlorophenol
 Concen: 86.313 ng
 RT: 10.240 min Scan# 1233
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Instrument :

BNA_P

ClientSampleId :

SSTDIC080



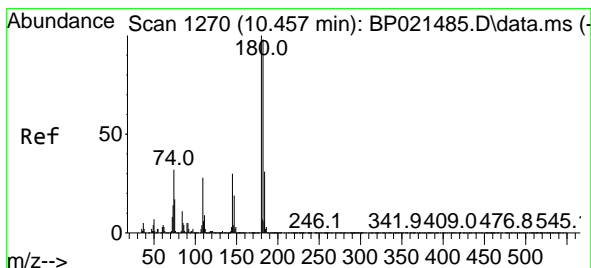
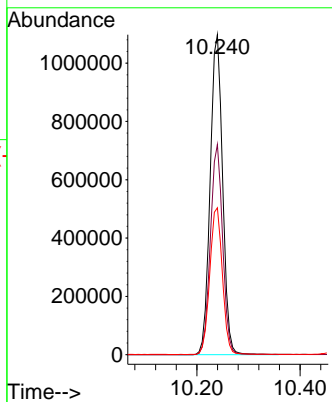
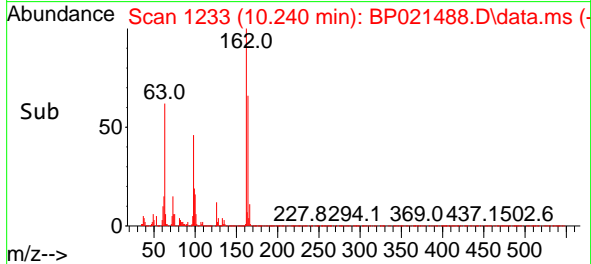
Tgt Ion:162 Resp: 183231
 Ion Ratio Lower Upper
 162 100
 164 65.7 45.9 85.9
 98 45.9 26.3 66.3

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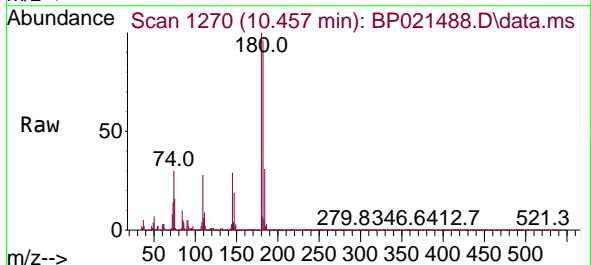
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

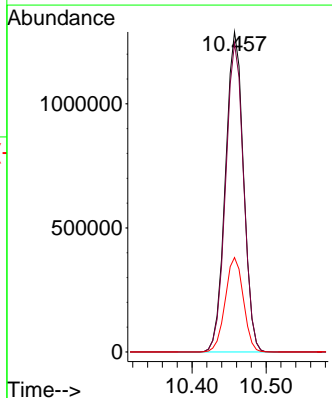
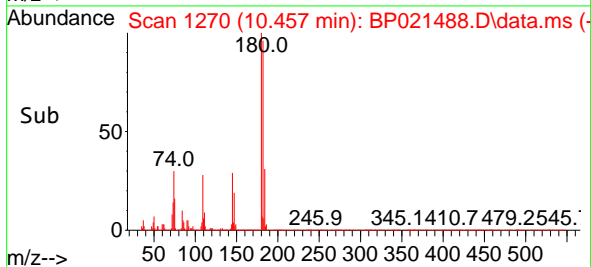
Supervised By :mohammad ahmed 08/14/2024

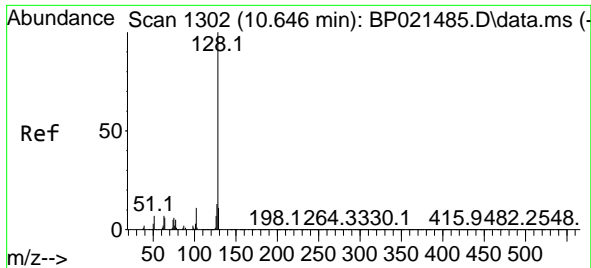


#30
 1,2,4-Trichlorobenzene
 Concen: 80.153 ng
 RT: 10.457 min Scan# 1270
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



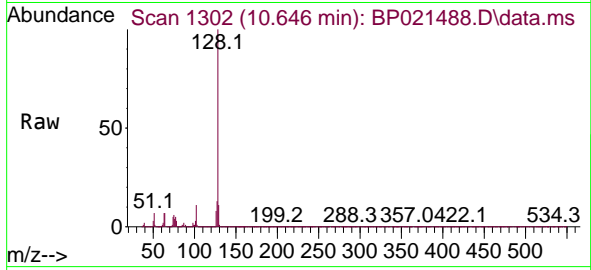
Tgt Ion:180 Resp: 2181467
 Ion Ratio Lower Upper
 180 100
 182 96.4 78.3 117.5
 145 29.5 24.0 36.0





#31
 Naphthalene
 Concen: 78.593 ng
 RT: 10.646 min Scan# 1119
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

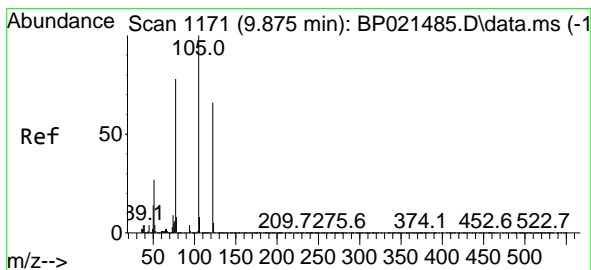
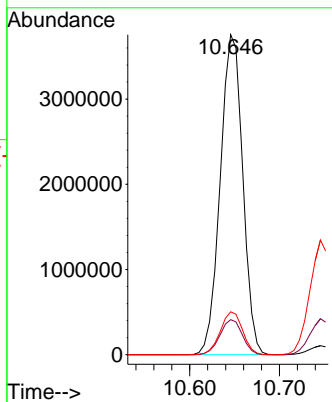
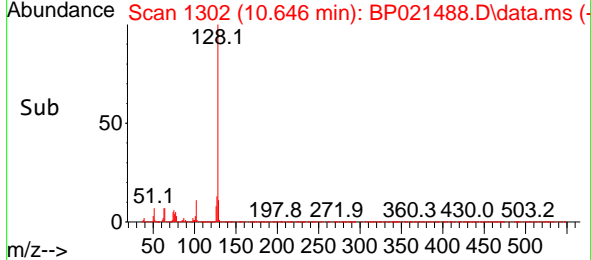
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080



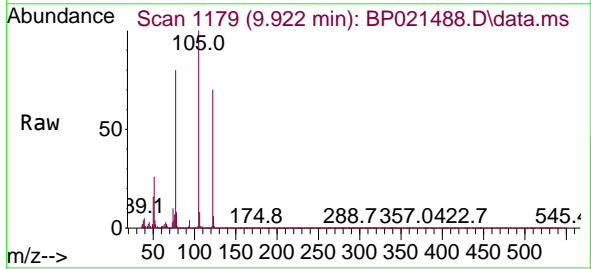
Tgt Ion:128 Resp: 653068
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.6 12.8
 127 13.4 10.6 15.8

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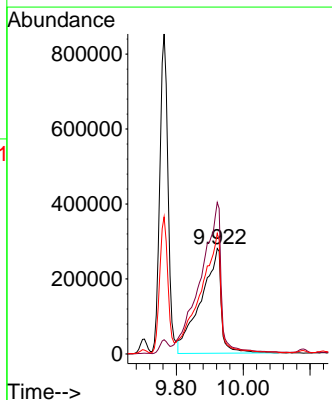
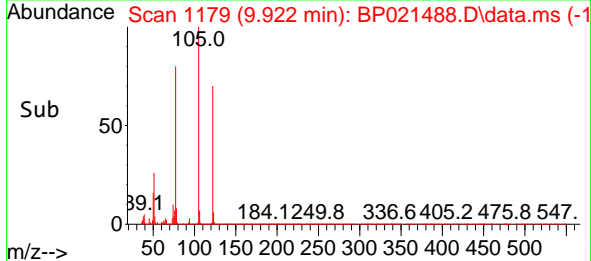
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

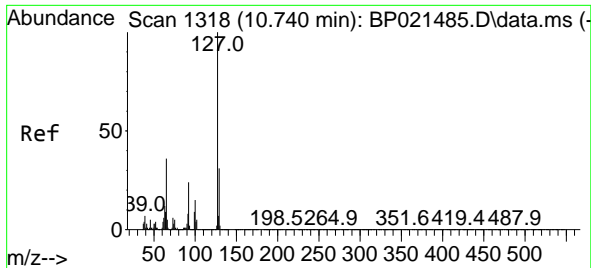


#32
 Benzoic acid
 Concen: 79.618 ng
 RT: 9.922 min Scan# 1179
 Delta R.T. 0.047 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



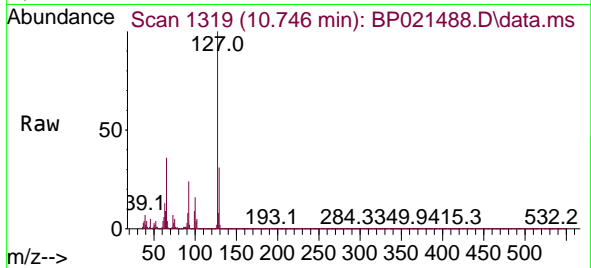
Tgt Ion:122 Resp: 1191515
 Ion Ratio Lower Upper
 122 100
 105 143.7 124.6 164.6
 77 114.4 96.2 136.2





#33
 4-Chloroaniline
 Concen: 77.568 ng
 RT: 10.746 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080

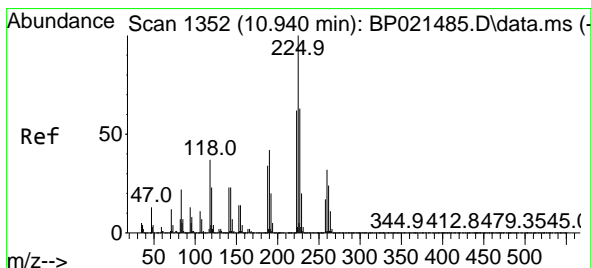
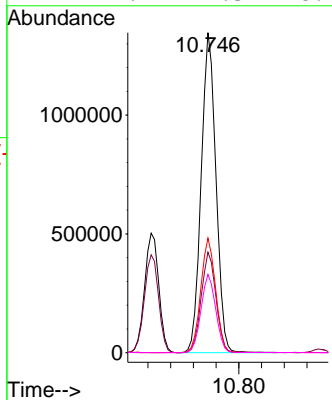
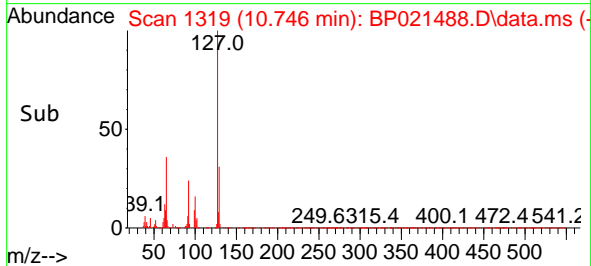


Tgt Ion:127 Resp: 2421138

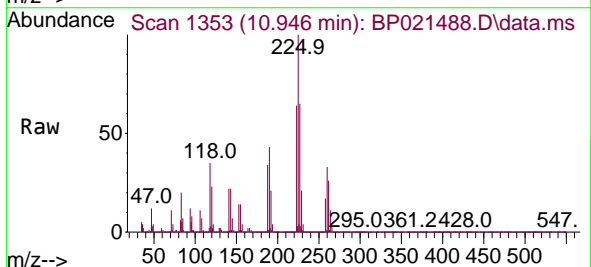
Ion	Ratio	Lower	Upper
127	100		
129	31.4	24.5	36.7
65	35.8	28.9	43.3
92	24.4	19.3	28.9

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

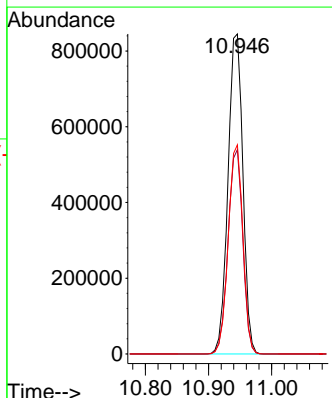
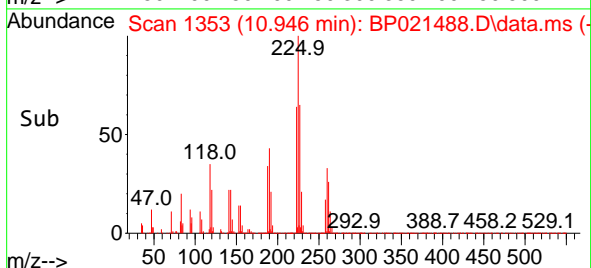


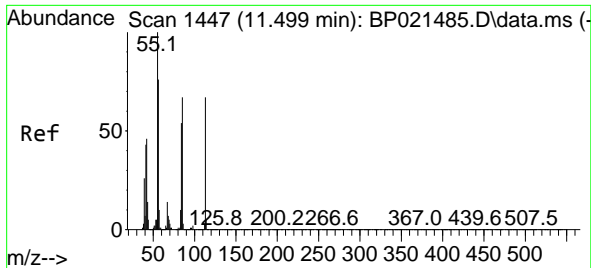
#34
 Hexachlorobutadiene
 Concen: 80.513 ng
 RT: 10.946 min Scan# 1353
 Delta R.T. 0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



Tgt Ion:225 Resp: 1379696

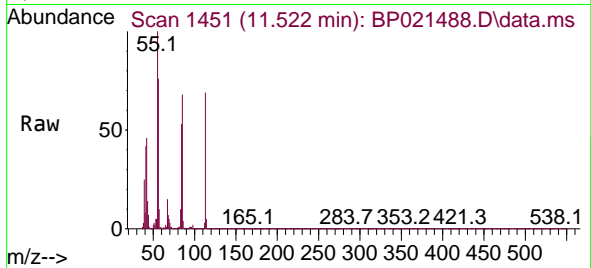
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.6	74.4
227	65.3	50.1	75.1





#35
 Caprolactam
 Concen: 79.529 ng m
 RT: 11.522 min Scan# 1447
 Delta R.T. 0.023 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

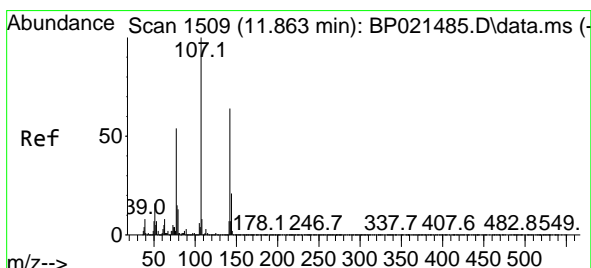
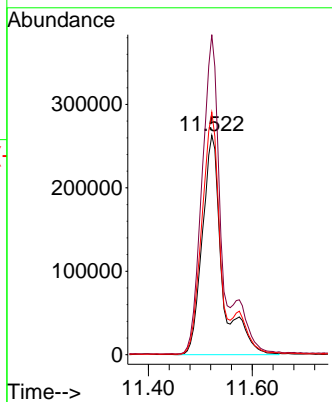
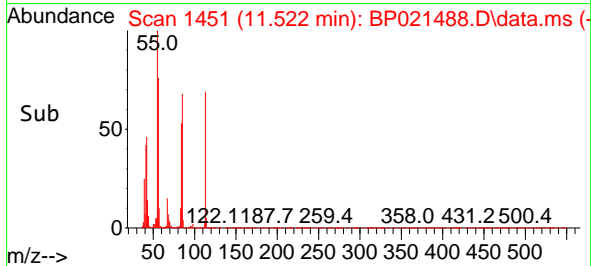
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080



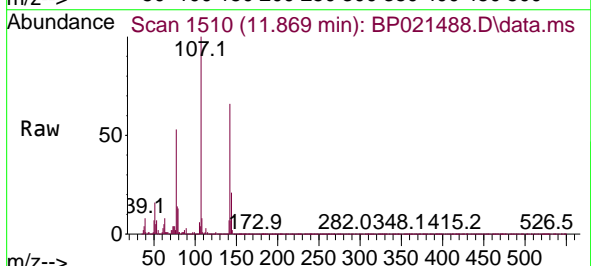
Tgt Ion:113 Resp: 702638
 Ion Ratio Lower Upper
 113 100
 55 145.9 130.6 170.6
 56 110.6 94.6 134.6

Manual Integrations
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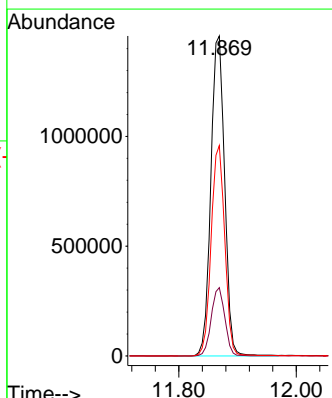
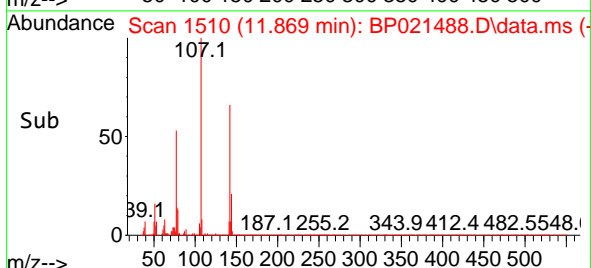
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

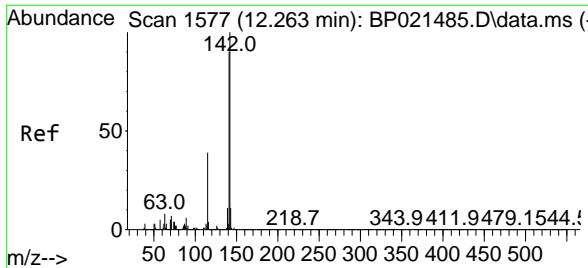


#36
 4-Chloro-3-methylphenol
 Concen: 80.436 ng
 RT: 11.869 min Scan# 1510
 Delta R.T. 0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



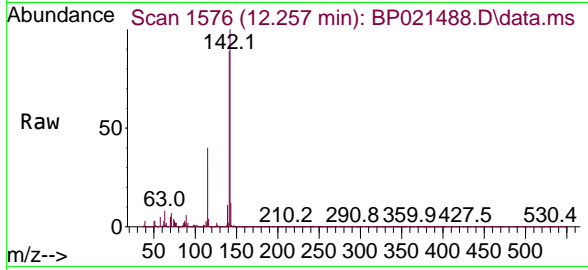
Tgt Ion:107 Resp: 2368621
 Ion Ratio Lower Upper
 107 100
 144 21.4 16.6 24.8
 142 65.8 51.0 76.4





#37
 2-Methylnaphthalene
 Concen: 76.659 ng
 RT: 12.257 min Scan# 1576
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Instrument : BNA_P
 Client Sample Id : SSTDICC080

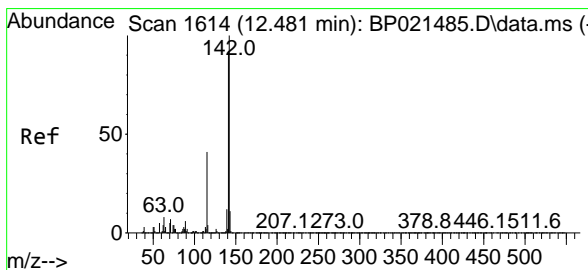
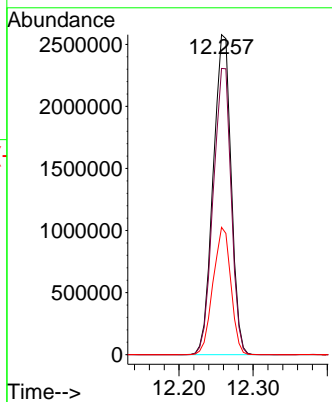
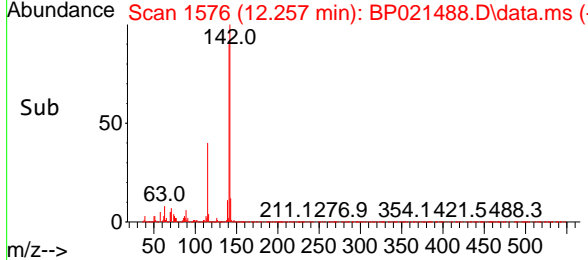


Tgt Ion:142 Resp: 4347439

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.7	107.5
115	39.8	31.4	47.2

Manual Integrations
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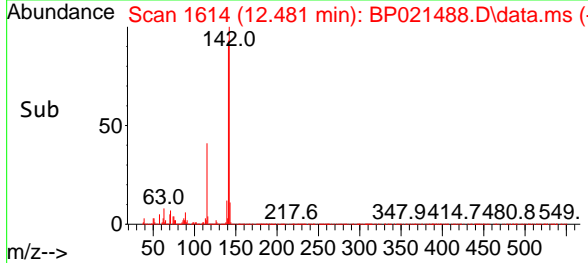
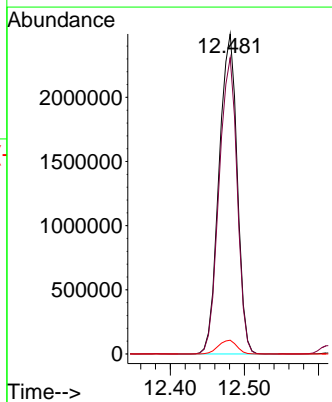
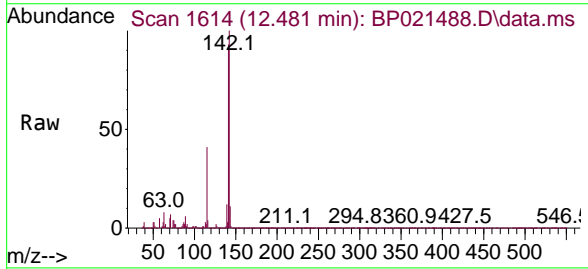
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

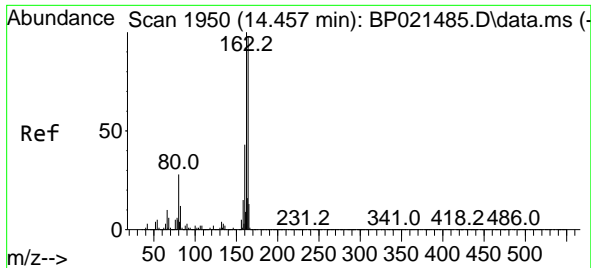


#38
 1-Methylnaphthalene
 Concen: 75.769 ng
 RT: 12.481 min Scan# 1614
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Tgt Ion:142 Resp: 4237982

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.5	110.3
116	4.3	3.4	5.2





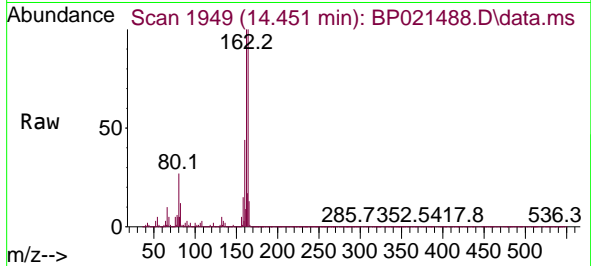
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.451 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Instrument :

BNA_P

Client Sample Id :

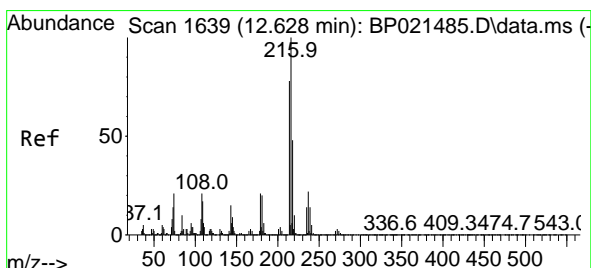
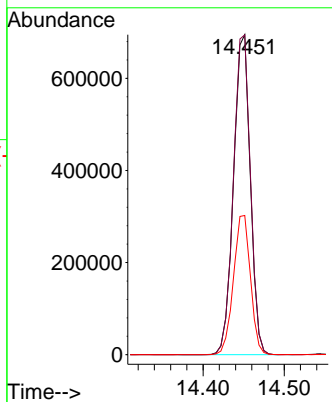
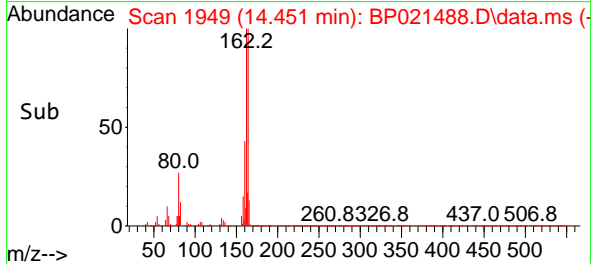
SSTDICC080



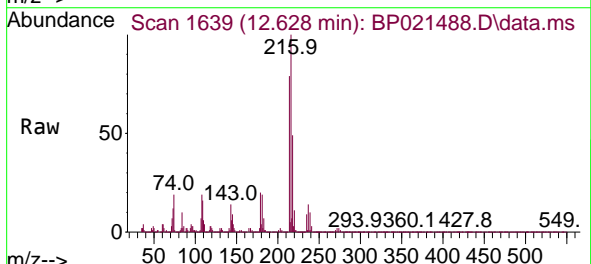
Tgt Ion:164 Resp: 991938
 Ion Ratio Lower Upper
 164 100
 162 99.9 81.5 122.3
 160 43.5 35.2 52.8

Manual Integrations
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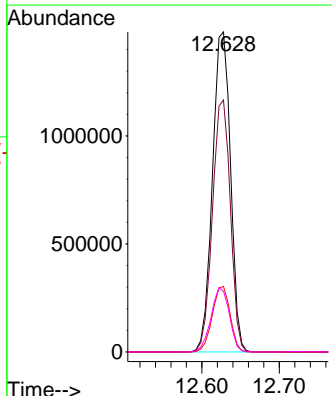
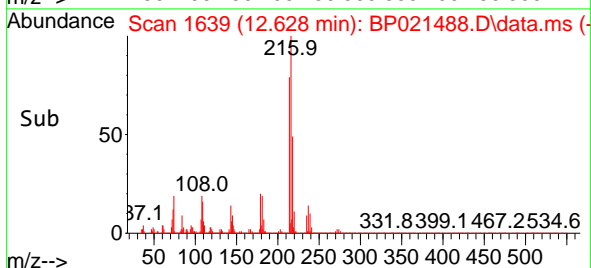
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

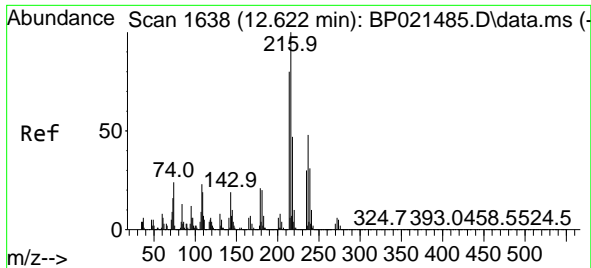


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 82.416 ng
 RT: 12.628 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



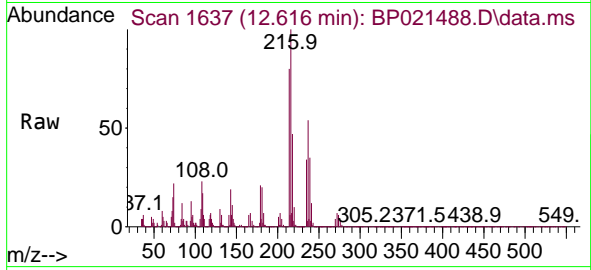
Tgt Ion:216 Resp: 2395337
 Ion Ratio Lower Upper
 216 100
 214 78.3 62.5 93.7
 179 20.3 16.4 24.6
 108 20.4 16.7 25.1





#41
 Hexachlorocyclopentadiene
 Concen: 91.971 ng
 RT: 12.616 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

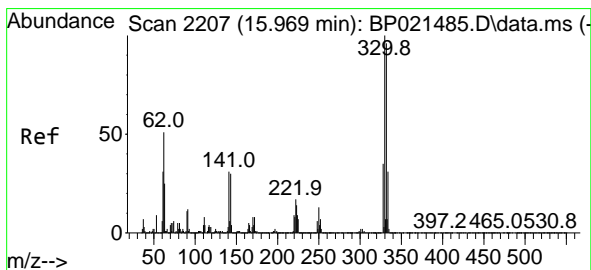
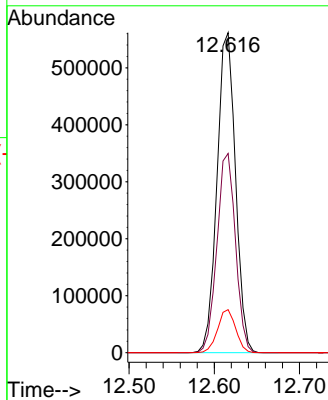
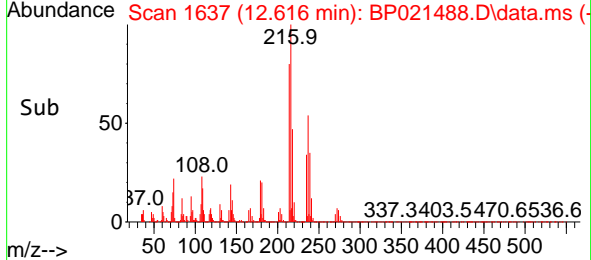
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080



Tgt Ion: 237 Resp: 847184
 Ion Ratio Lower Upper
 237 100
 235 62.3 43.9 83.9
 272 13.4 0.0 33.3

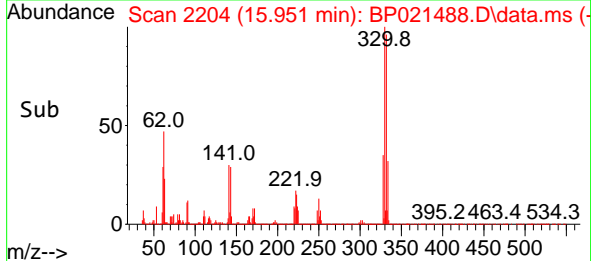
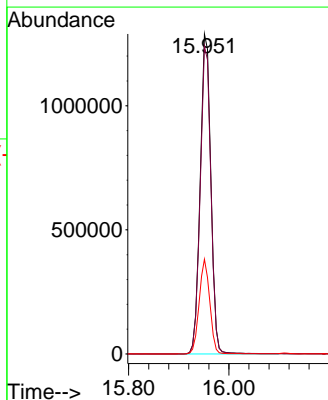
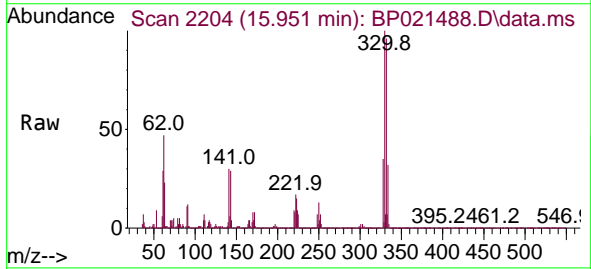
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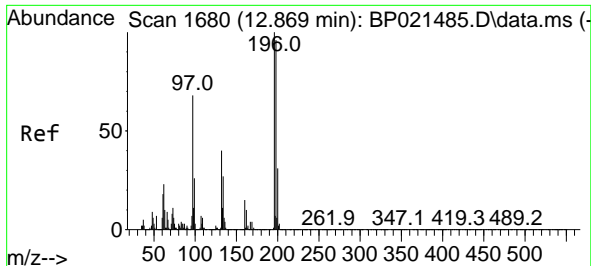
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#42
 2,4,6-Tribromophenol
 Concen: 172.341 ng
 RT: 15.951 min Scan# 2204
 Delta R.T. -0.018 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

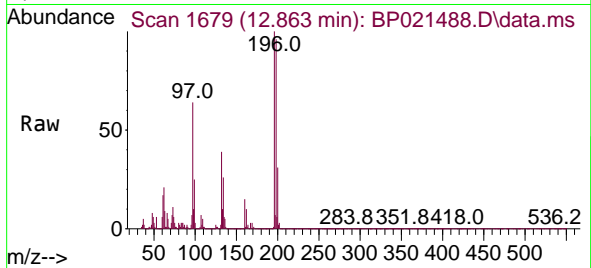
Tgt Ion: 330 Resp: 1902622
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.0
 141 29.3 24.5 36.7





#43
 2,4,6-Trichlorophenol
 Concen: 90.107 ng
 RT: 12.863 min Scan# 1680
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

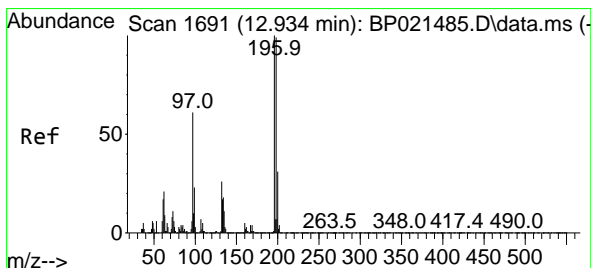
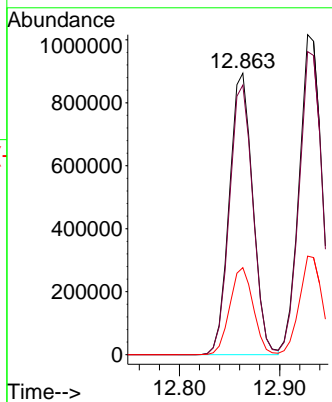
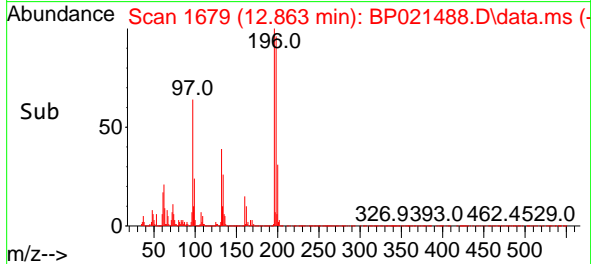
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080



Tgt Ion:196 Resp: 1454749
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.6 114.8
 200 30.9 24.5 36.7

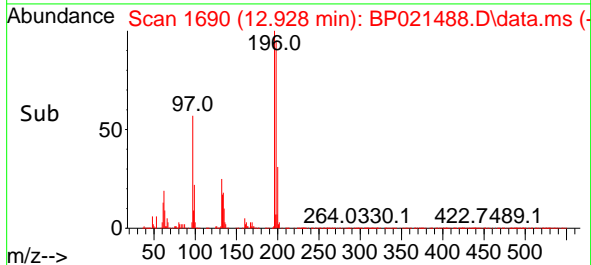
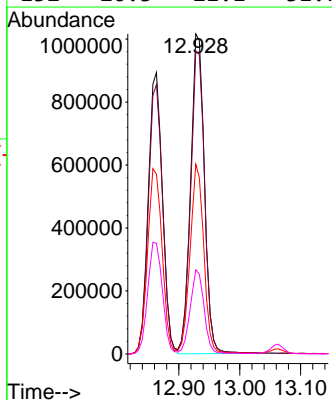
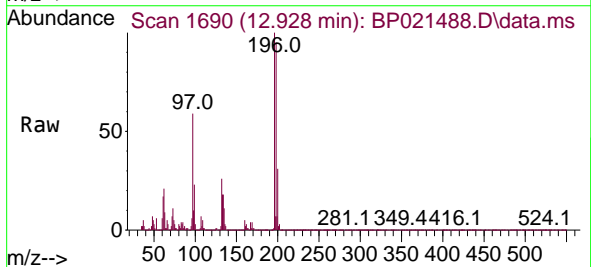
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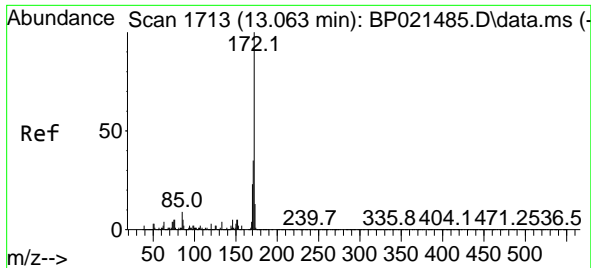
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#44
 2,4,5-Trichlorophenol
 Concen: 89.412 ng
 RT: 12.928 min Scan# 1690
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

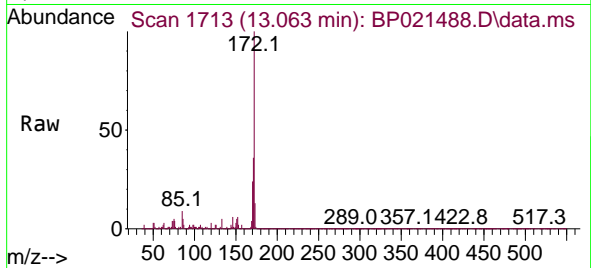
Tgt Ion:196 Resp: 1603816
 Ion Ratio Lower Upper
 196 100
 198 94.7 78.9 118.3
 97 59.3 49.4 74.0
 132 26.3 21.1 31.7





#45
 2-Fluorobiphenyl
 Concen: 153.020 ng
 RT: 13.063 min Scan# 1713
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080

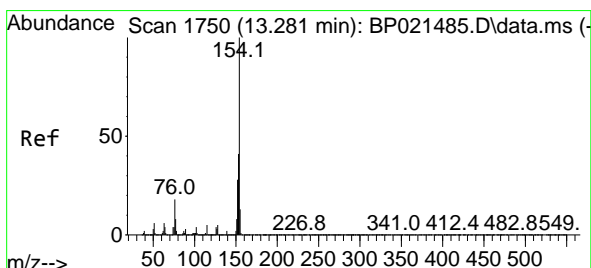
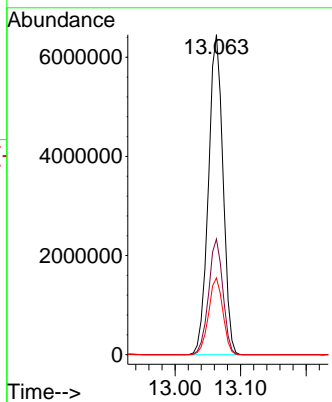
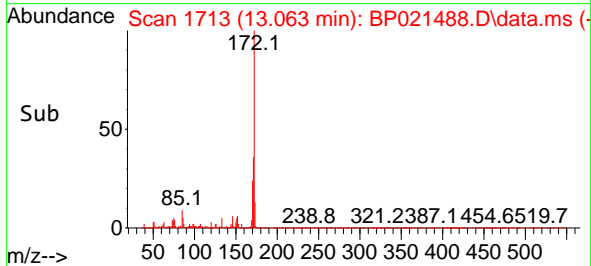


Tgt Ion: 172 Resp: 9945684

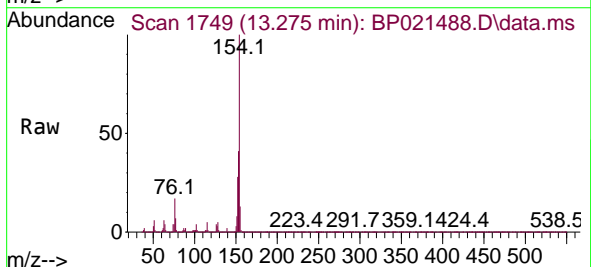
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.2	42.4
170	24.0	18.4	27.6

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

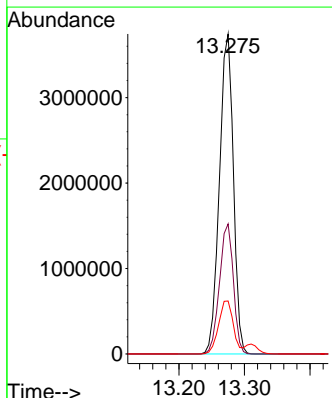
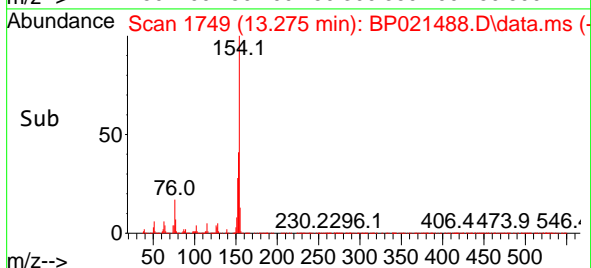


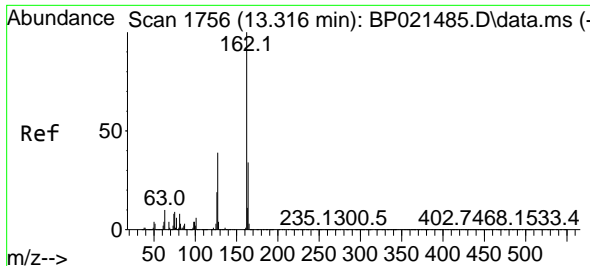
#46
 1,1'-Biphenyl
 Concen: 78.343 ng
 RT: 13.275 min Scan# 1749
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



Tgt Ion: 154 Resp: 5498161

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.7	60.7
76	16.6	0.0	37.7





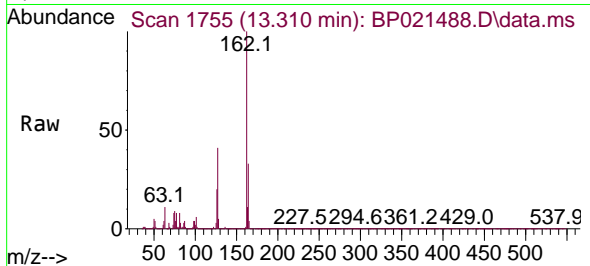
#47
 2-Chloronaphthalene
 Concen: 78.980 ng
 RT: 13.310 min Scan# 1755
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Instrument :

BNA_P

Client Sample Id :

SSTDICC080



Tgt Ion:162 Resp: 4315309

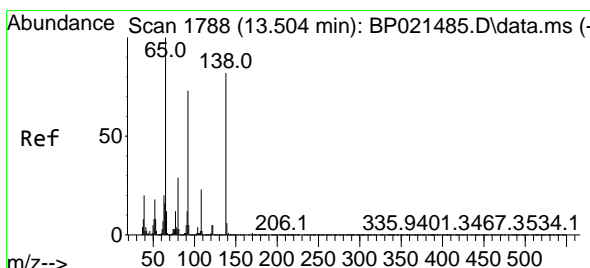
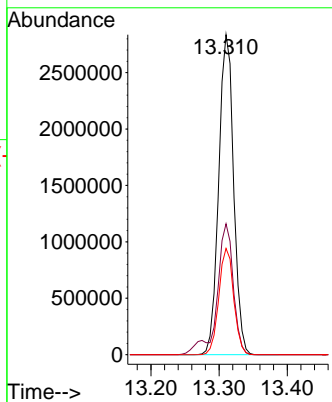
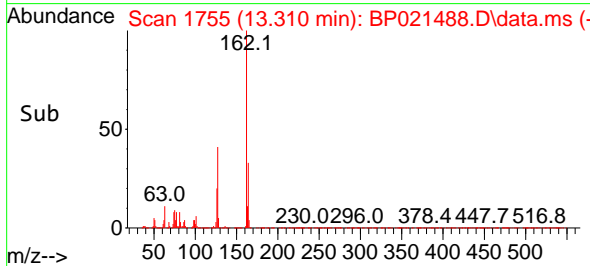
Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.9	47.9
164	33.2	26.8	40.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/14/2024

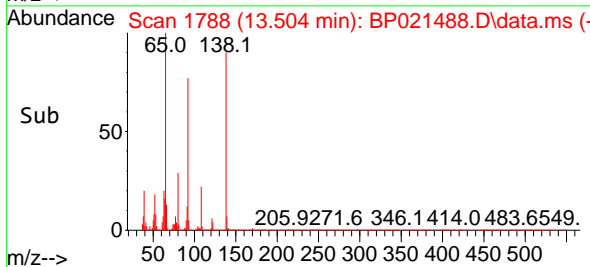
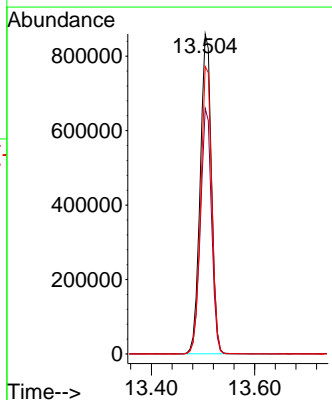
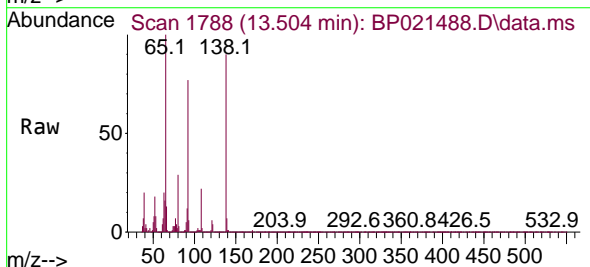
Supervised By :mohammad ahmed 08/14/2024

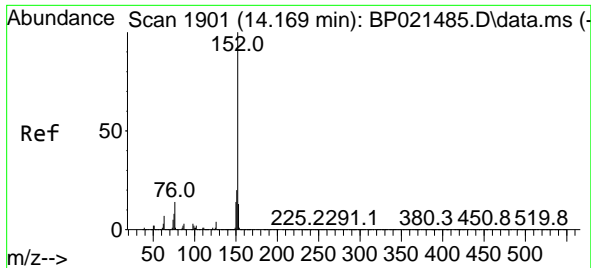


#48
 2-Nitroaniline
 Concen: 81.000 ng
 RT: 13.504 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Tgt Ion: 65 Resp: 1301093

Ion	Ratio	Lower	Upper
65	100		
92	76.7	58.1	87.1
138	89.8	65.5	98.3





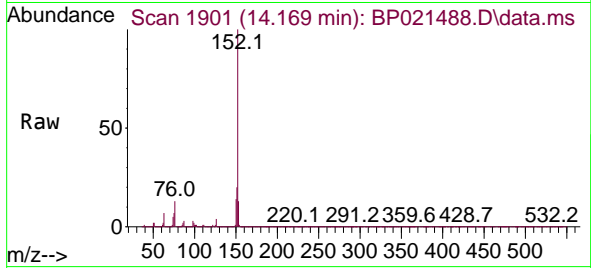
#49
 Acenaphthylene
 Concen: 77.556 ng
 RT: 14.169 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Instrument :

BNA_P

Client Sample Id :

SSTDICC080



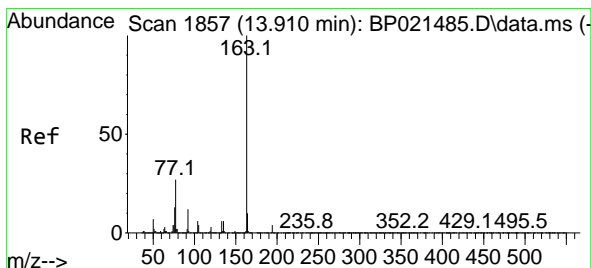
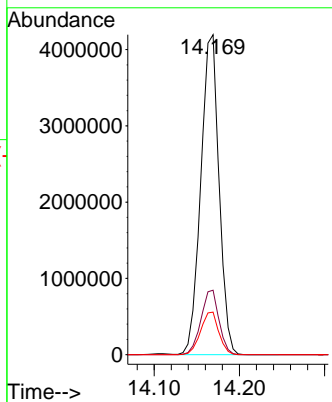
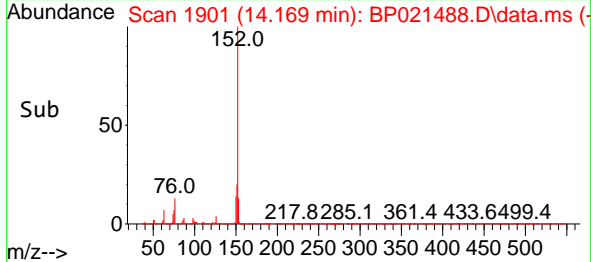
Tgt Ion:152 Resp: 6229370
 Ion Ratio Lower Upper
 152 100
 151 20.2 15.9 23.9
 153 13.3 10.6 16.0

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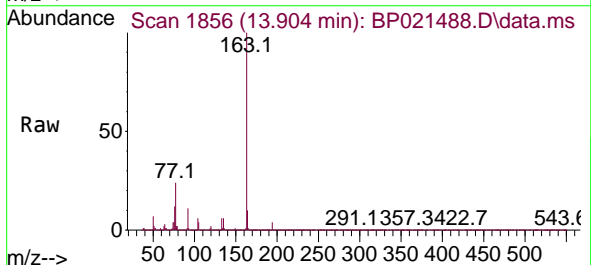
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Reviewed By :Yogesh Patel 08/14/2024

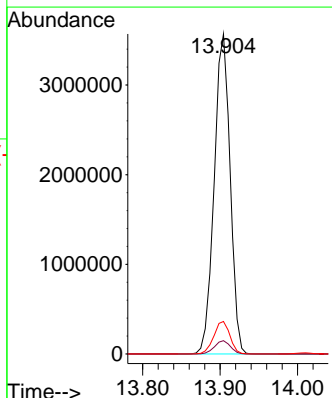
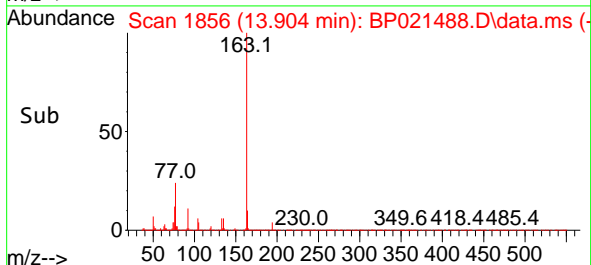
Supervised By :mohammad ahmed 08/14/2024

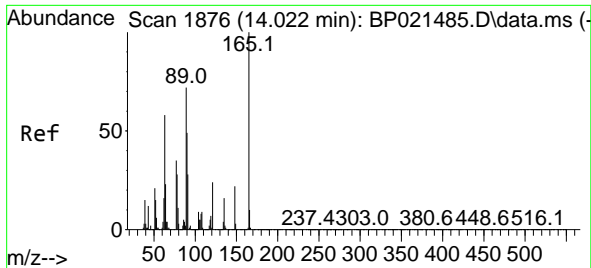


#50
 Dimethylphthalate
 Concen: 76.844 ng
 RT: 13.904 min Scan# 1856
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



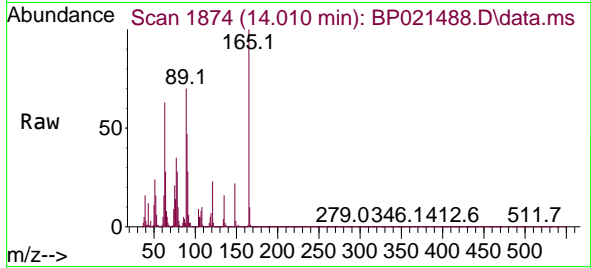
Tgt Ion:163 Resp: 5104657
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.3 4.9
 164 10.2 8.3 12.5





#51
 2,6-Dinitrotoluene
 Concen: 80.745 ng
 RT: 14.010 min Scan# 1874
 Delta R.T. -0.012 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

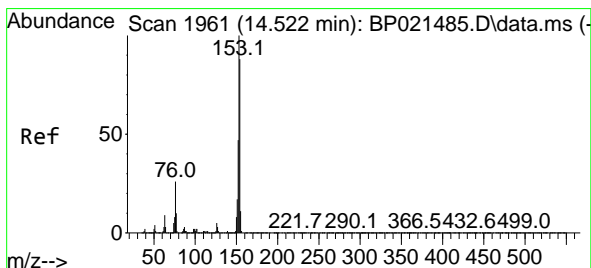
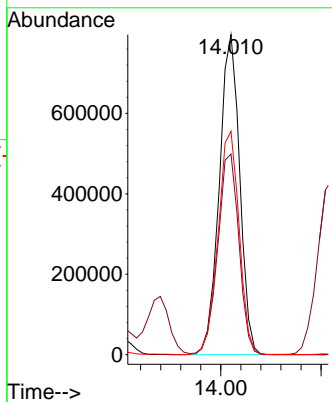
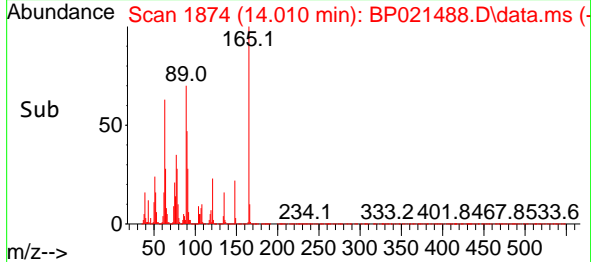


Tgt Ion:165 Resp: 1121870

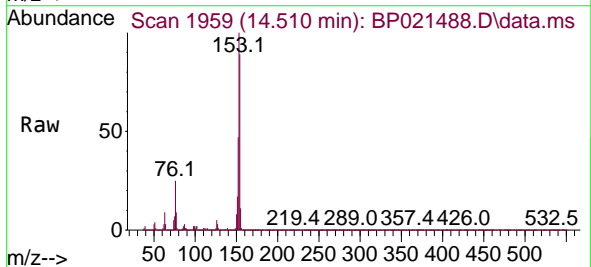
Ion	Ratio	Lower	Upper
165	100		
63	62.7	51.5	77.3
89	69.8	57.8	86.8

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 Supervised By :mohammad ahmed 08/14/2024

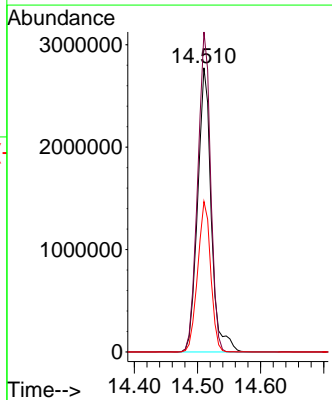
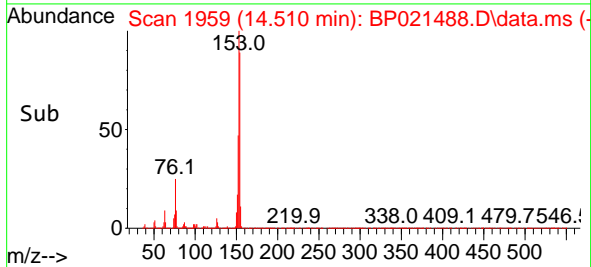


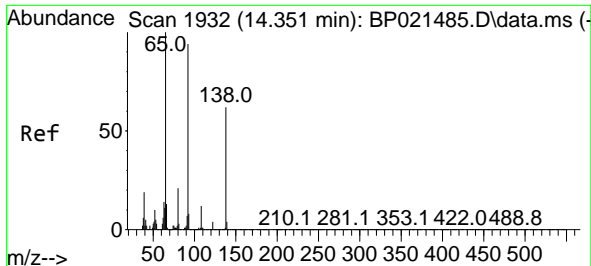
#52
 Acenaphthene
 Concen: 78.480 ng
 RT: 14.510 min Scan# 1959
 Delta R.T. -0.012 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



Tgt Ion:154 Resp: 4136001

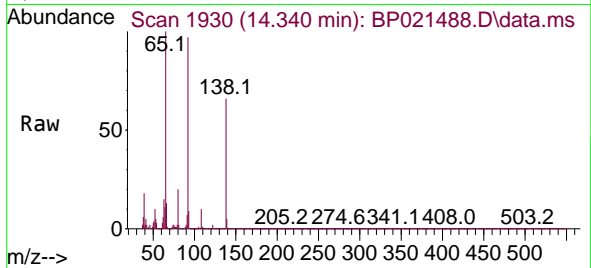
Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.1	136.7
152	52.9	43.0	64.4





#53
 3-Nitroaniline
 Concen: 80.567 ng
 RT: 14.340 min Scan# 1930
 Delta R.T. -0.011 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

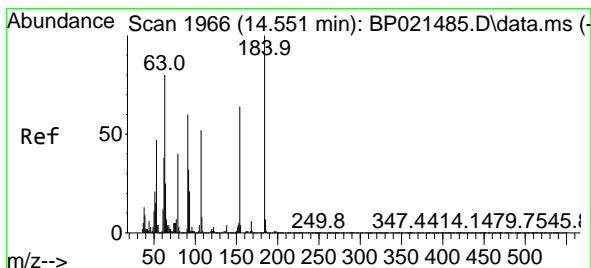
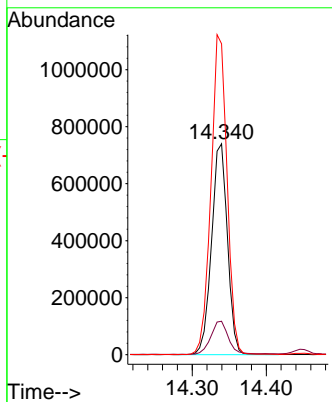
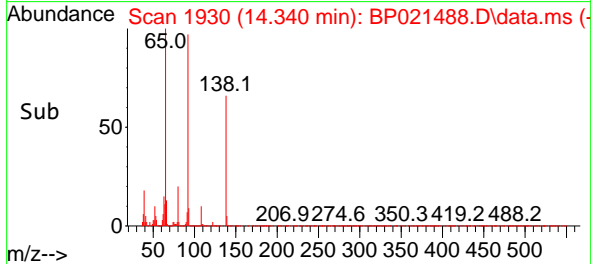
Instrument : BNA_P
 Client Sample Id : SSTDIC080



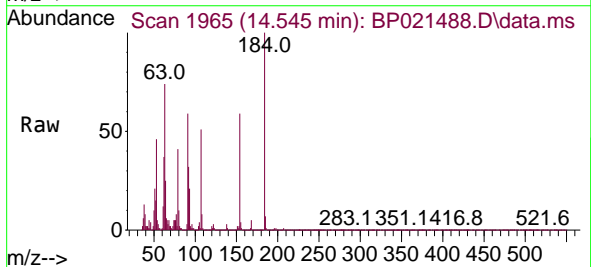
Tgt Ion: 138 Resp: 110015
 Ion Ratio Lower Upper
 138 100
 108 15.9 16.2 24.4
 92 147.4 122.2 183.4

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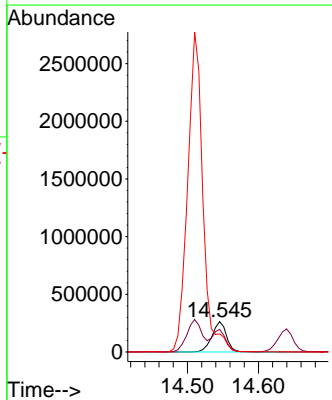
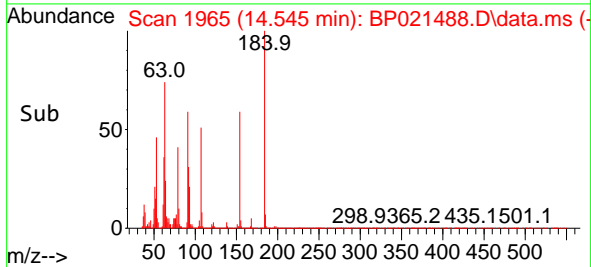
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

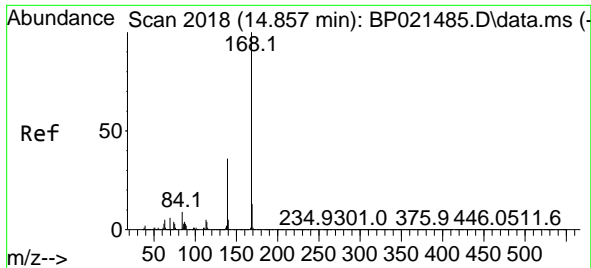


#54
 2,4-Dinitrophenol
 Concen: 79.528 ng
 RT: 14.545 min Scan# 1965
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



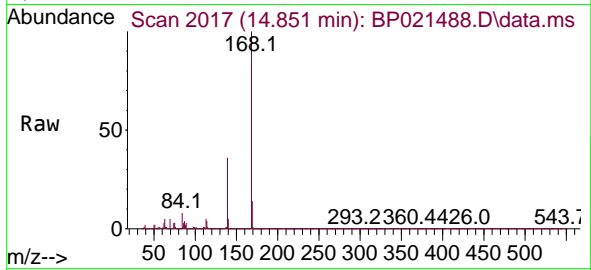
Tgt Ion: 184 Resp: 370353
 Ion Ratio Lower Upper
 184 100
 63 74.3 64.9 97.3
 154 59.3 52.1 78.1





#55
 Dibenzofuran
 Concen: 77.067 ng
 RT: 14.851 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

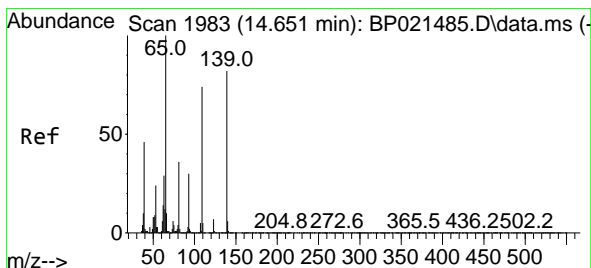
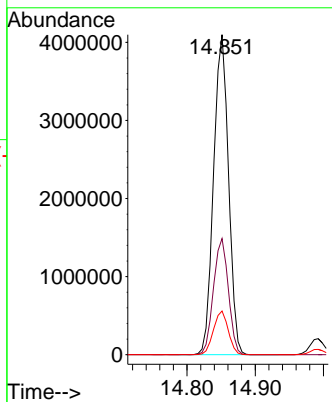
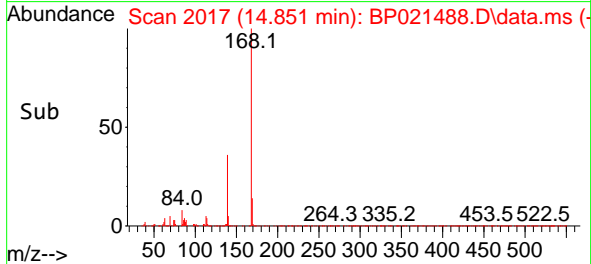
Instrument : BNA_P
 Client Sample Id : SSTDICC080



Tgt Ion:168 Resp: 6247950
 Ion Ratio Lower Upper
 168 100
 139 36.3 28.6 43.0
 169 13.7 10.6 16.0

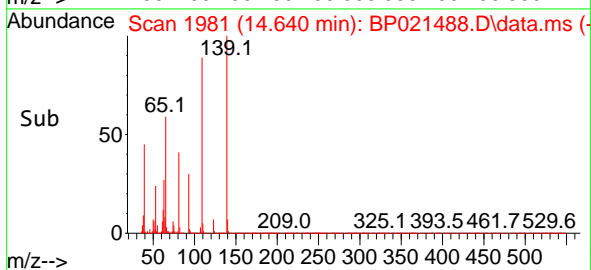
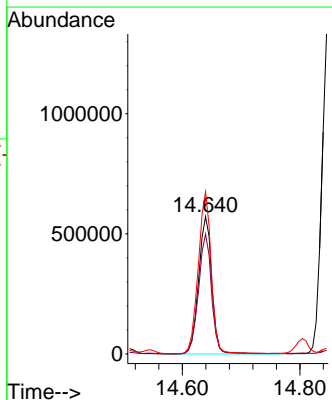
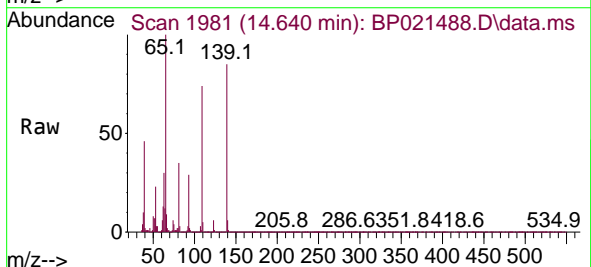
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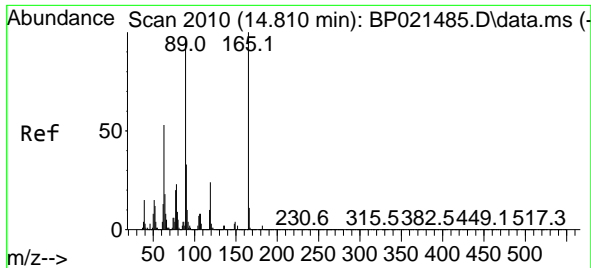
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#56
 4-Nitrophenol
 Concen: 80.388 ng
 RT: 14.640 min Scan# 1981
 Delta R.T. -0.011 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Tgt Ion:139 Resp: 885944
 Ion Ratio Lower Upper
 139 100
 109 87.2 70.2 110.2
 65 117.9 101.8 141.8





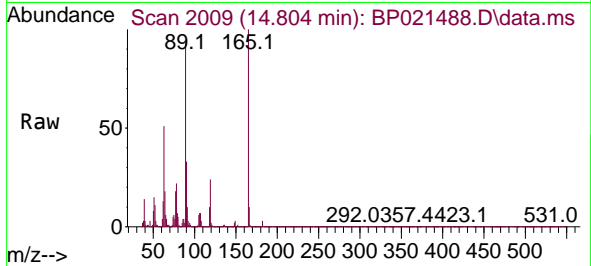
#57
 2,4-Dinitrotoluene
 Concen: 81.172 ng
 RT: 14.804 min Scan# 2010
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Instrument :

BNA_P

Client Sample Id :

SSTDICC080



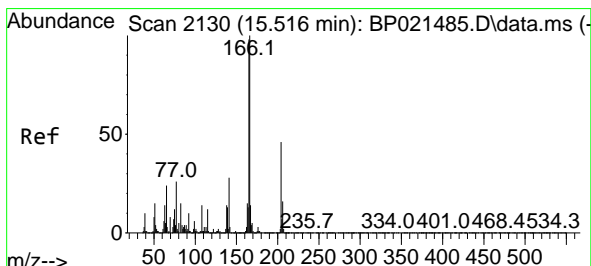
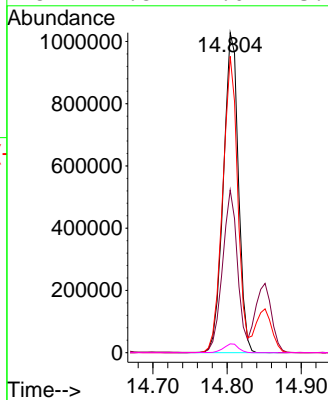
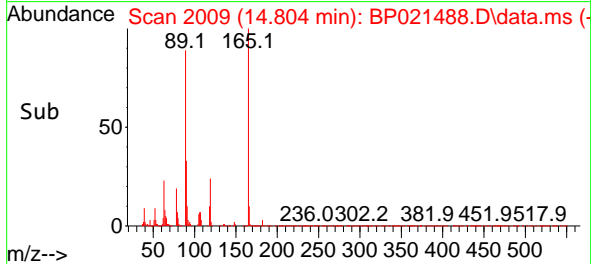
Tgt Ion:165 Resp: 144969
 Ion Ratio Lower Upper
 165 100
 63 50.8 42.5 63.7
 89 92.6 77.1 115.7
 182 2.8 2.0 3.0

Manual Integrations

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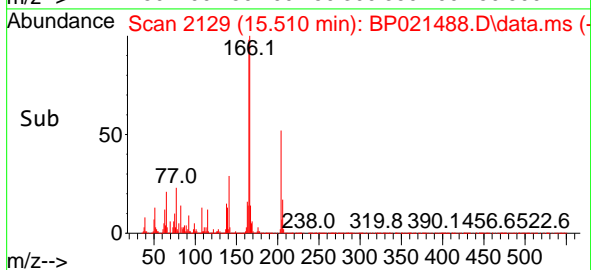
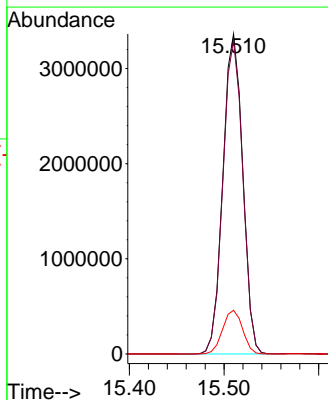
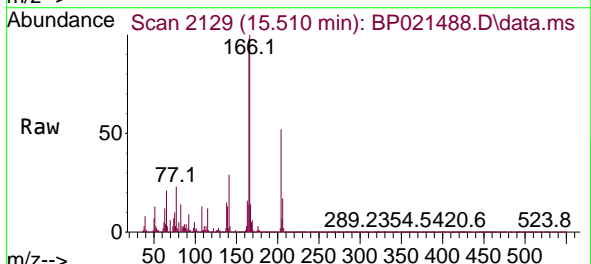
Reviewed By :Yogesh Patel 08/14/2024

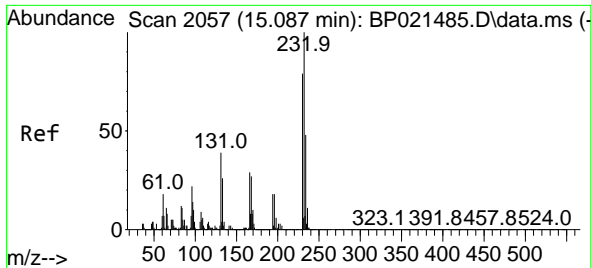
Supervised By :mohammad ahmed 08/14/2024



#58
 Fluorene
 Concen: 73.441 ng
 RT: 15.510 min Scan# 2129
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

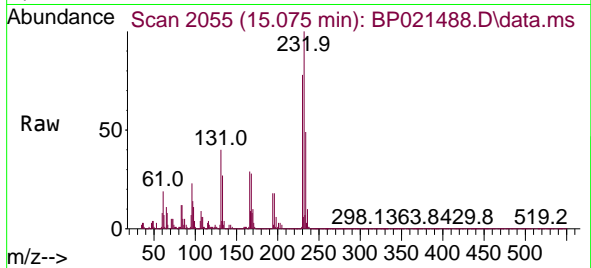
Tgt Ion:166 Resp: 4891299
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.1 117.1
 167 13.6 11.0 16.4





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 86.863 ng
 RT: 15.075 min Scan# 2055
 Delta R.T. -0.012 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

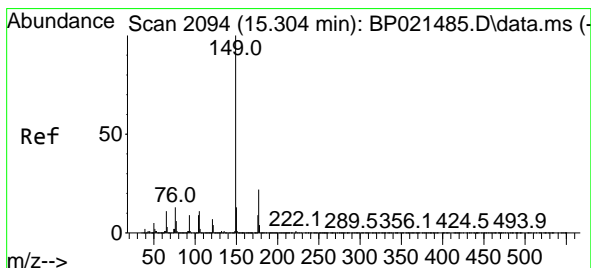
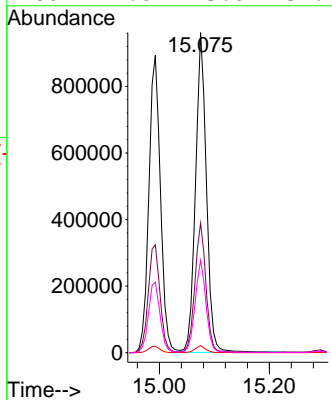
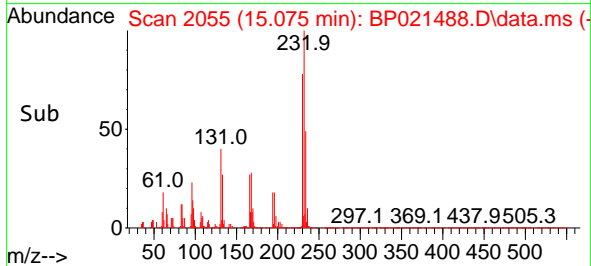
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080



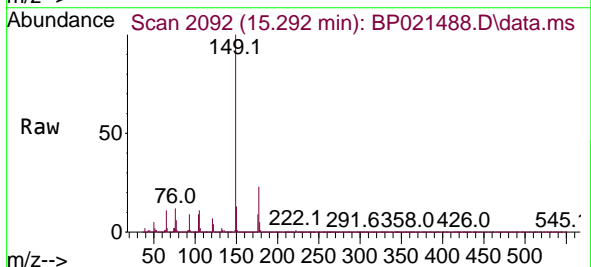
Tgt Ion:232 Resp: 1322486
 Ion Ratio Lower Upper
 232 100
 131 41.2 33.1 49.7
 130 2.1 1.7 2.5
 166 29.0 23.0 34.4

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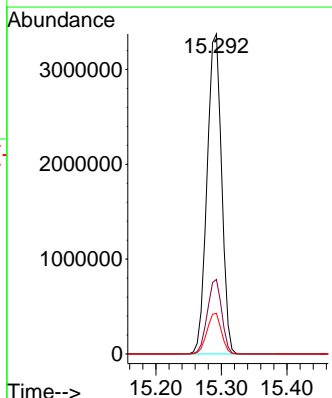
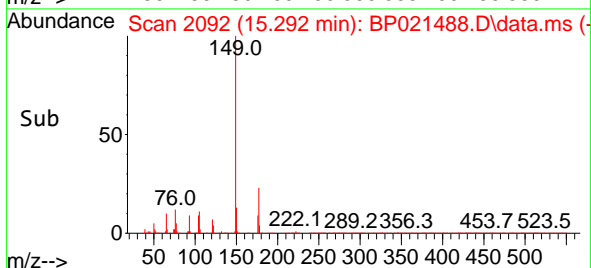
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

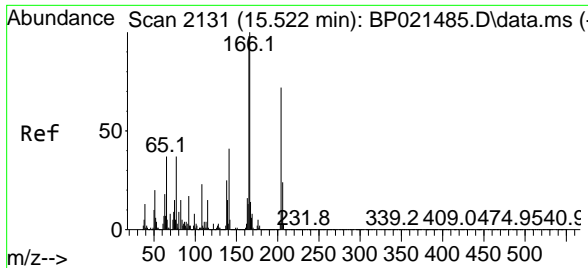


#60
 Diethylphthalate
 Concen: 76.268 ng
 RT: 15.292 min Scan# 2092
 Delta R.T. -0.012 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



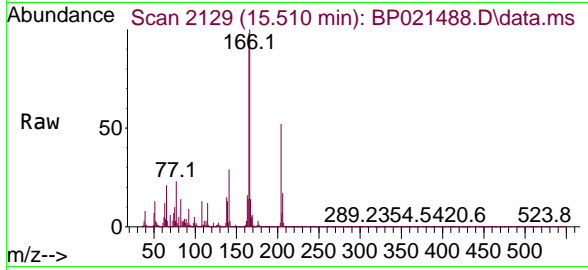
Tgt Ion:149 Resp: 5198353
 Ion Ratio Lower Upper
 149 100
 177 23.3 17.8 26.8
 150 12.7 10.1 15.1





#61
 4-Chlorophenyl-phenylether
 Concen: 74.256 ng
 RT: 15.510 min Scan# 2129
 Delta R.T. -0.012 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

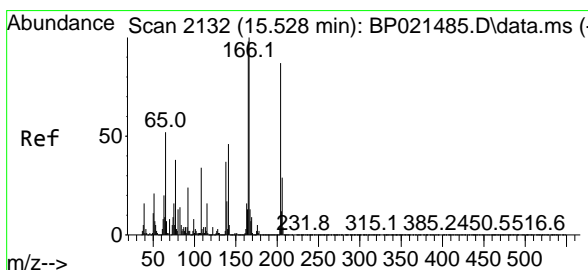
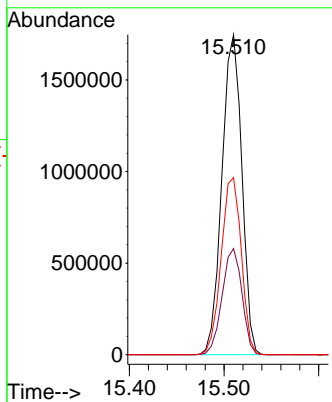
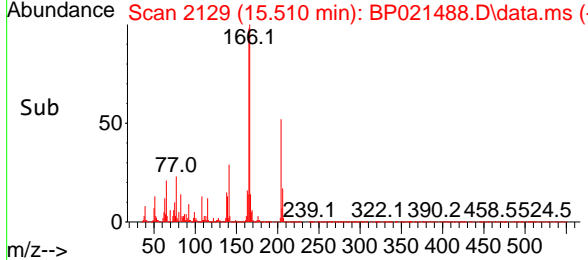
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080



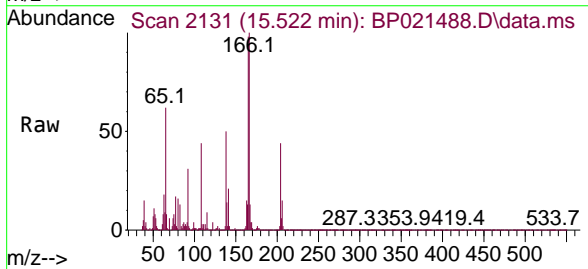
Tgt Ion: 204 Resp: 2556419
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.4 39.6
 141 55.3 46.1 69.1

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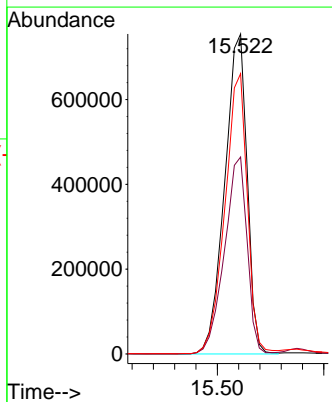
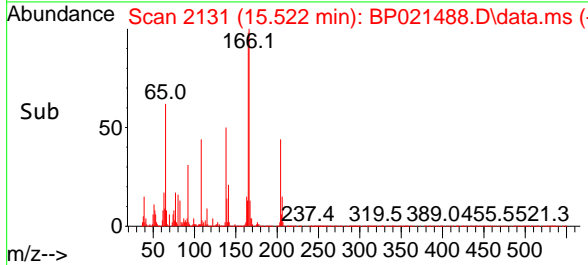
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

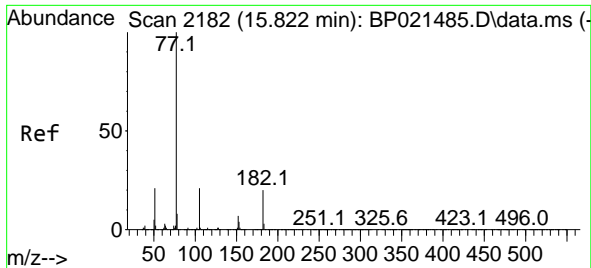


#62
 4-Nitroaniline
 Concen: 79.329 ng
 RT: 15.522 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



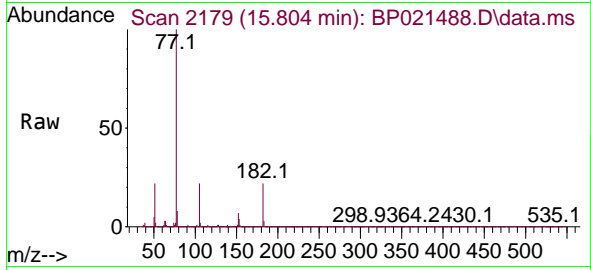
Tgt Ion: 138 Resp: 1101954
 Ion Ratio Lower Upper
 138 100
 92 61.5 46.4 86.4
 108 87.6 73.2 113.2





#63
 Azobenzene
 Concen: 73.633 ng
 RT: 15.804 min Scan# 2182
 Delta R.T. -0.018 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080

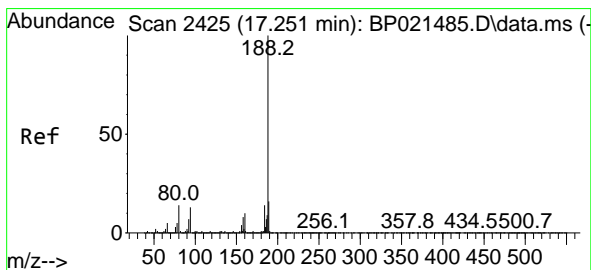
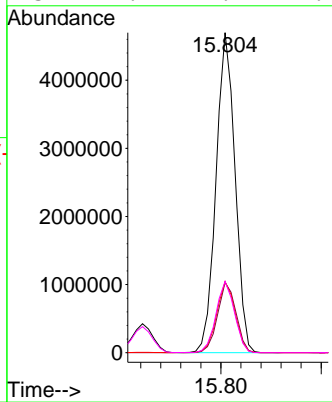
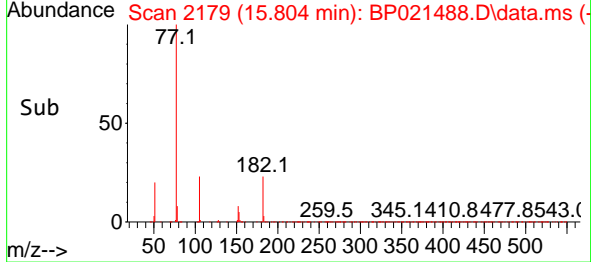


Tgt Ion: 77 Resp: 616925

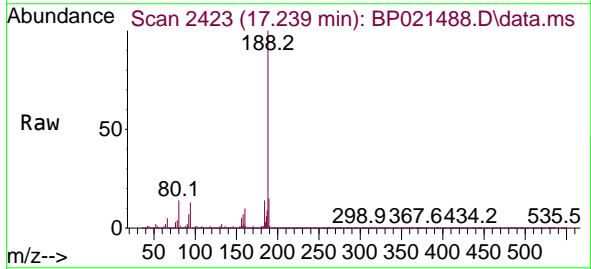
Ion	Ratio	Lower	Upper
77	100		
182	22.0	0.0	39.9
105	22.2	0.9	40.9
51	22.2	1.4	41.4

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

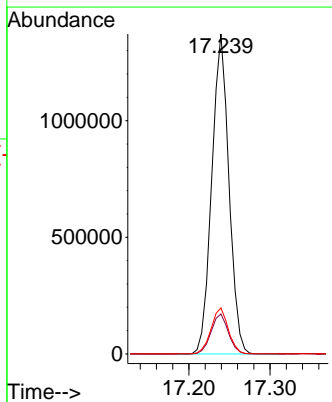
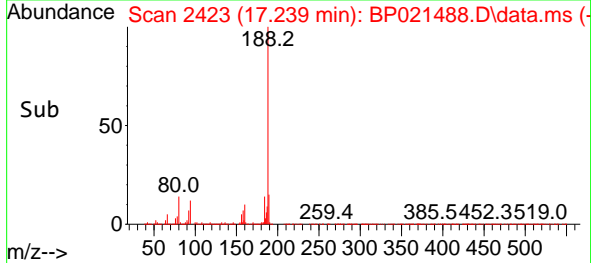


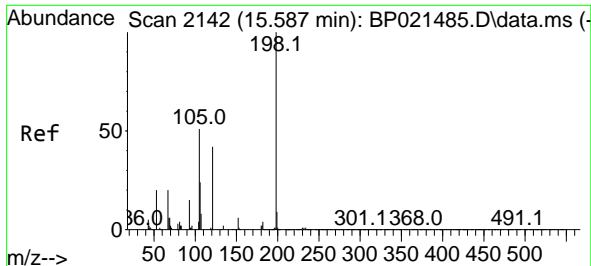
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.239 min Scan# 2423
 Delta R.T. -0.012 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



Tgt Ion:188 Resp: 2007991

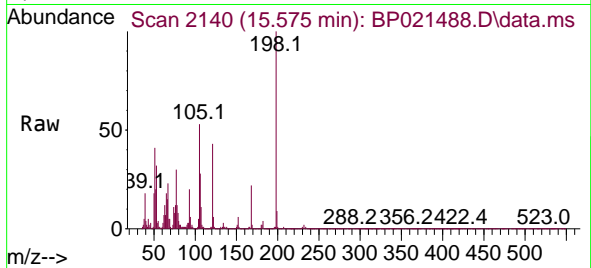
Ion	Ratio	Lower	Upper
188	100		
94	12.5	10.2	15.4
80	14.4	11.6	17.4





#65
 4,6-Dinitro-2-methylphenol
 Concen: 79.442 ng
 RT: 15.575 min Scan# 2140
 Delta R.T. -0.012 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

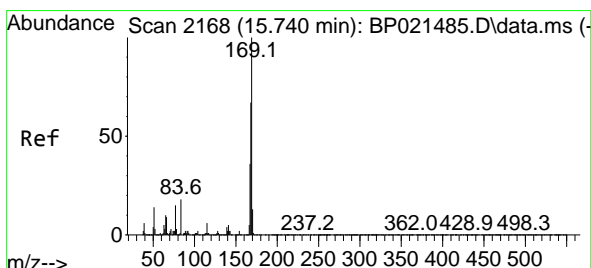
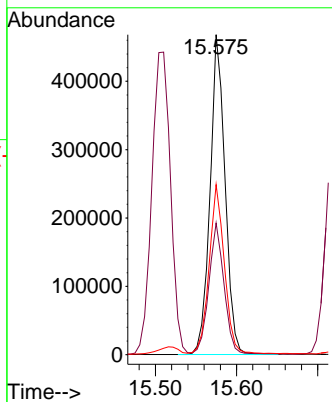
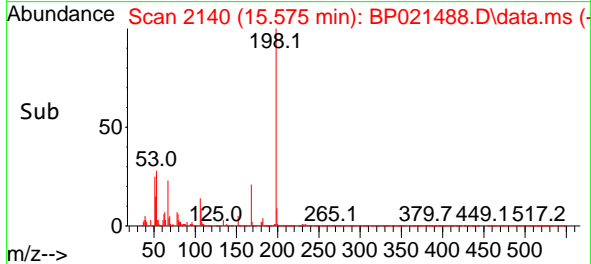


Tgt Ion:198 Resp: 600088

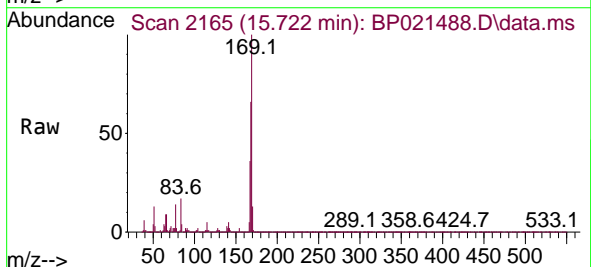
Ion	Ratio	Lower	Upper
198	100		
51	41.2	21.5	61.5
105	53.1	32.9	72.9

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 Supervised By :mohammad ahmed 08/14/2024

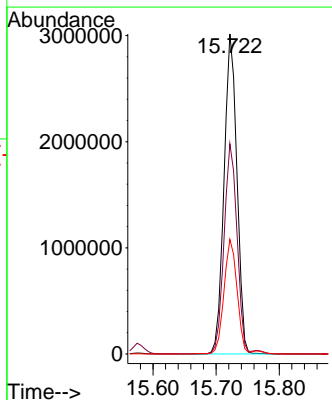
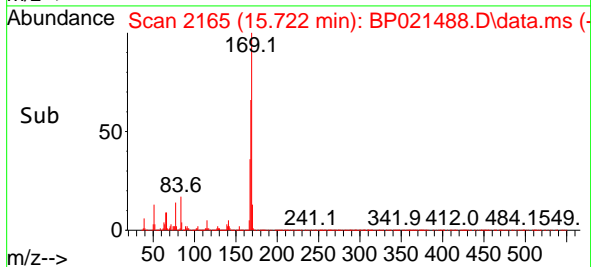


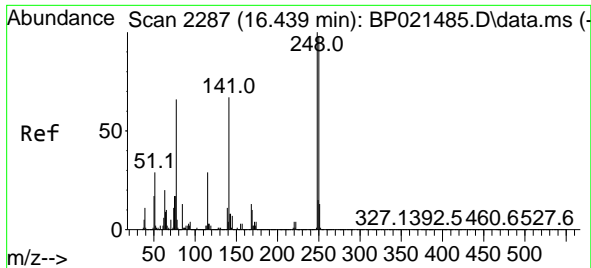
#66
 n-Nitrosodiphenylamine
 Concen: 79.247 ng
 RT: 15.722 min Scan# 2165
 Delta R.T. -0.018 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



Tgt Ion:169 Resp: 4264380

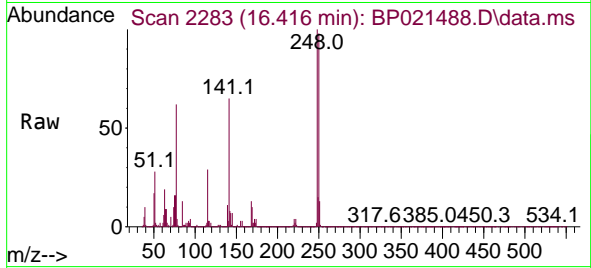
Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.4	80.2
167	35.8	28.7	43.1





#67
 4-Bromophenyl-phenylether
 Concen: 81.480 ng
 RT: 16.416 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

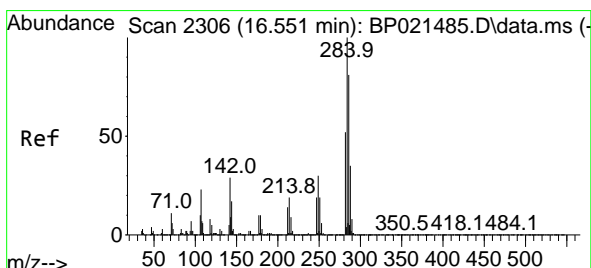
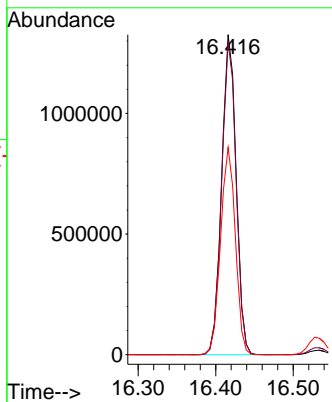
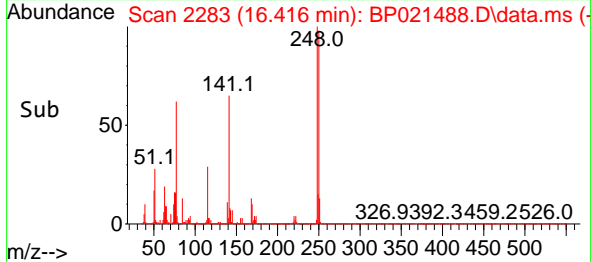
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080



Tgt Ion:248 Resp: 1731598
 Ion Ratio Lower Upper
 248 100
 250 97.7 78.6 117.8
 141 64.7 53.9 80.9

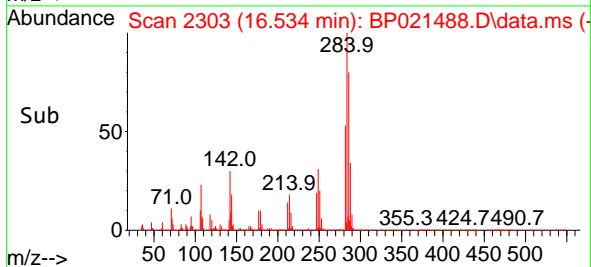
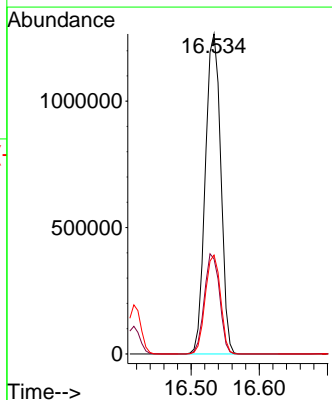
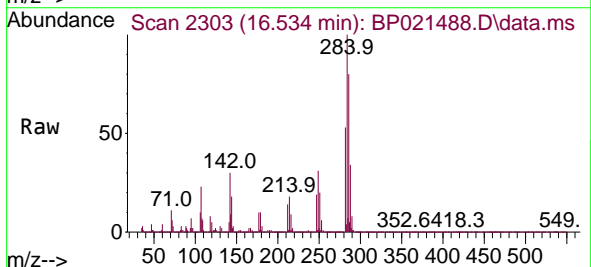
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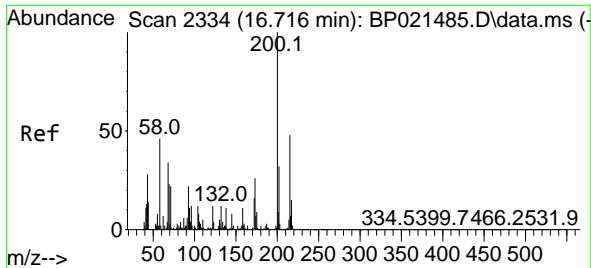
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#68
 Hexachlorobenzene
 Concen: 79.402 ng
 RT: 16.534 min Scan# 2303
 Delta R.T. -0.018 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

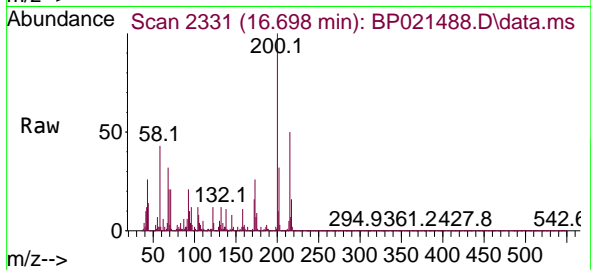
Tgt Ion:284 Resp: 1994136
 Ion Ratio Lower Upper
 284 100
 142 29.7 23.4 35.2
 249 30.9 24.1 36.1





#69
 Atrazine
 Concen: 75.542 ng
 RT: 16.698 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

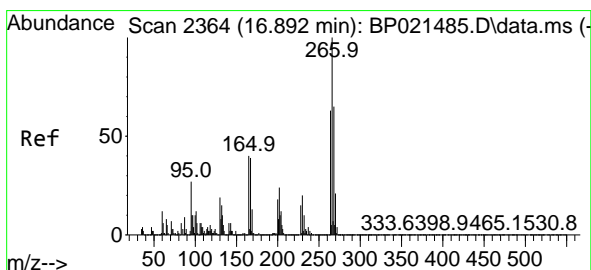
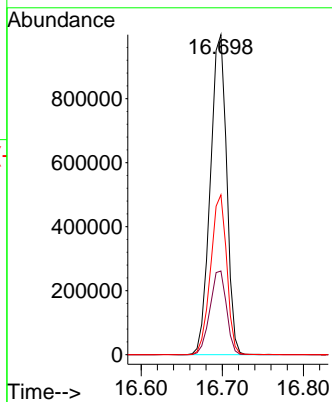
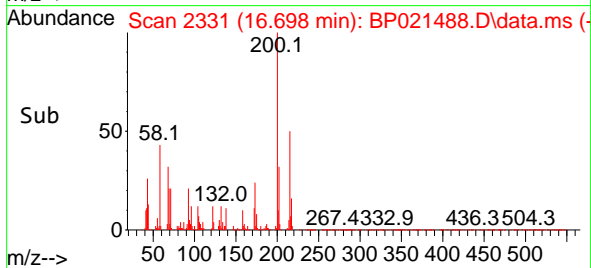
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080



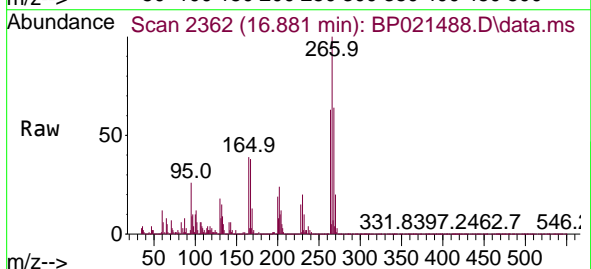
Tgt Ion:200 Resp: 139564
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.2 46.2
 215 49.9 28.4 68.4

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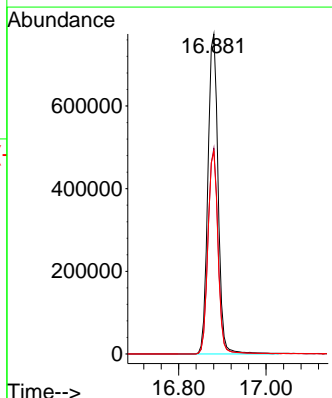
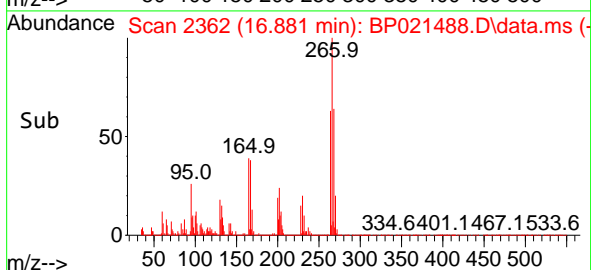
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

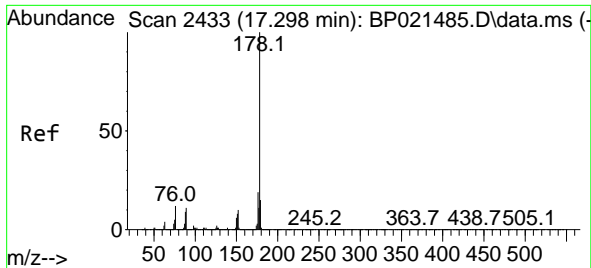


#70
 Pentachlorophenol
 Concen: 91.649 ng
 RT: 16.881 min Scan# 2362
 Delta R.T. -0.011 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



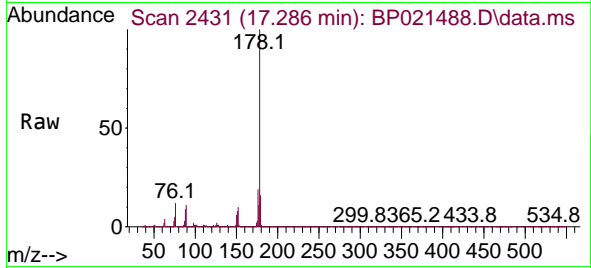
Tgt Ion:266 Resp: 1256277
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.8 77.6
 264 63.3 50.5 75.7





#71
 Phenanthrene
 Concen: 77.481 ng
 RT: 17.286 min Scan# 2447
 Delta R.T. -0.012 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

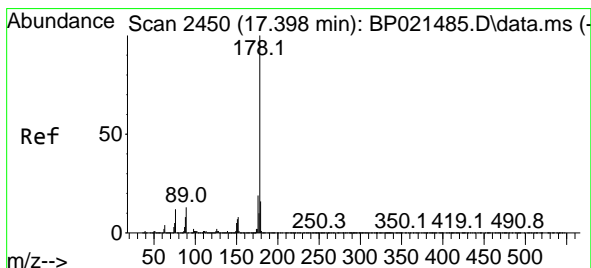
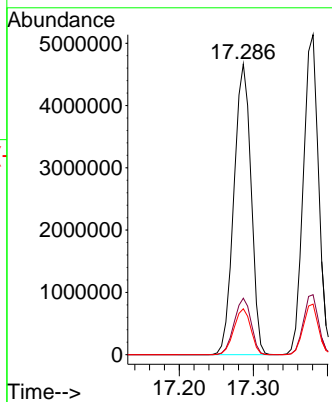
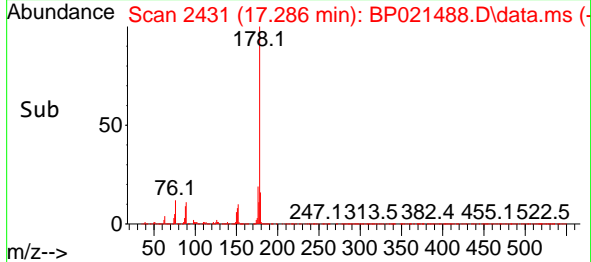
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080



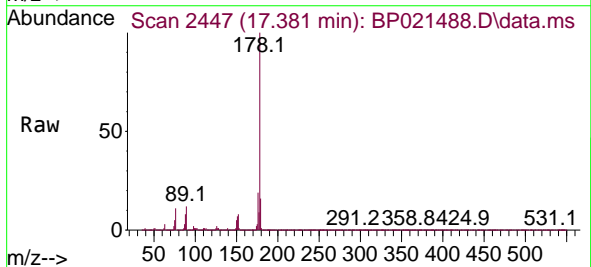
Tgt Ion:178 Resp: 748223
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.8 12.4 18.6

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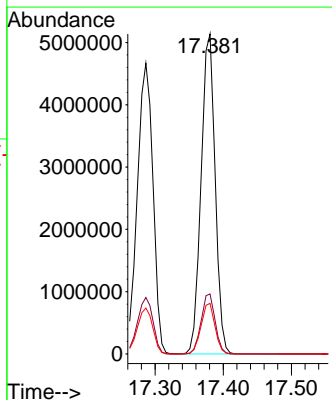
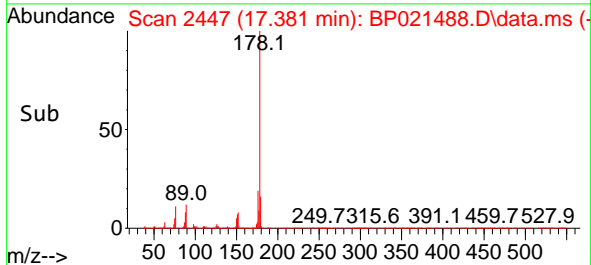
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

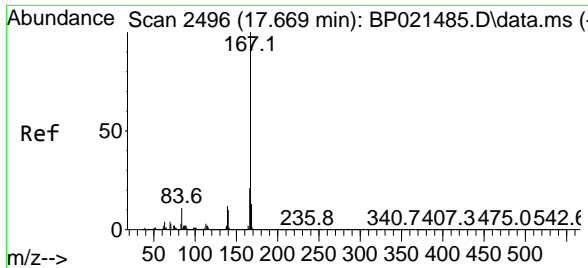


#72
 Anthracene
 Concen: 77.613 ng
 RT: 17.381 min Scan# 2447
 Delta R.T. -0.018 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



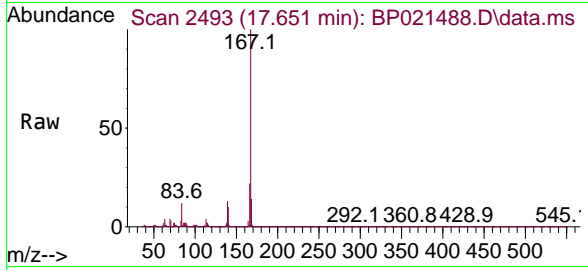
Tgt Ion:178 Resp: 7350512
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.9 22.3
 179 15.8 12.5 18.7





#73
 Carbazole
 Concen: 78.491 ng
 RT: 17.651 min Scan# 2493
 Delta R.T. -0.018 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

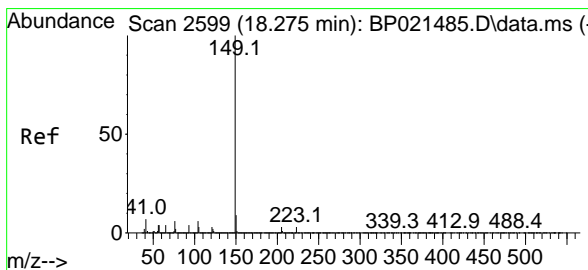
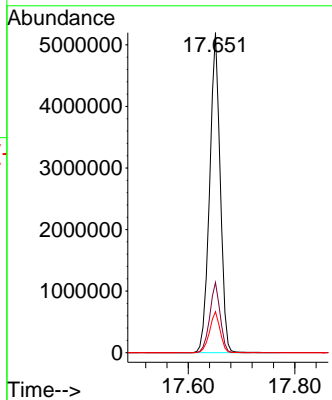
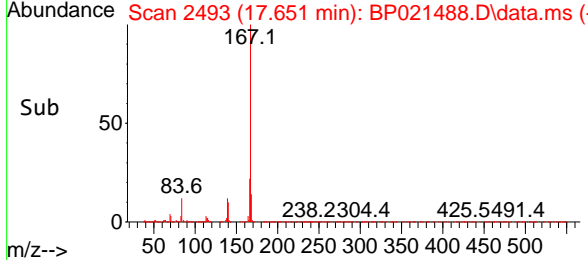
Instrument : BNA_P
 Client Sample Id : SSTDICC080



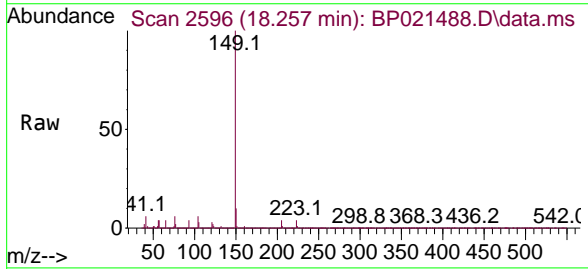
Tgt Ion: 167 Resp: 716394
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.4
 139 12.8 9.9 14.9

Manual Integrations
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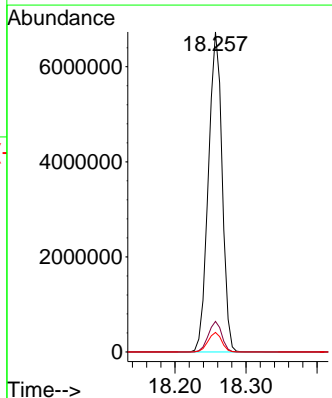
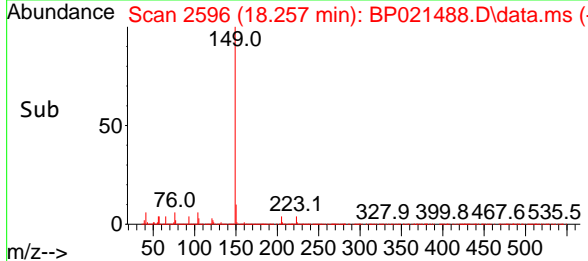
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

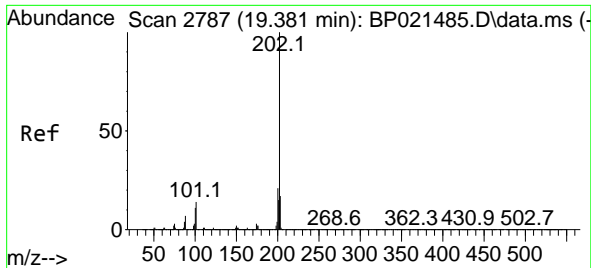


#74
 Di-n-butylphthalate
 Concen: 80.689 ng
 RT: 18.257 min Scan# 2596
 Delta R.T. -0.018 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



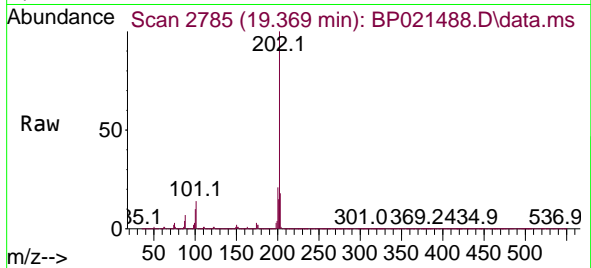
Tgt Ion: 149 Resp: 9044596
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 6.1 4.9 7.3





#75
 Fluoranthene
 Concen: 77.525 ng
 RT: 19.369 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

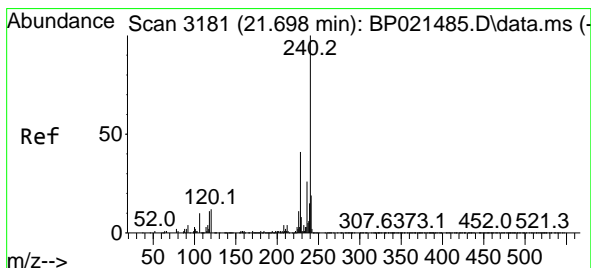
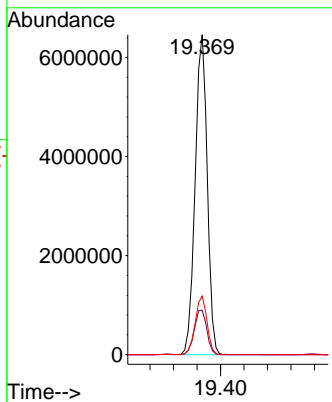
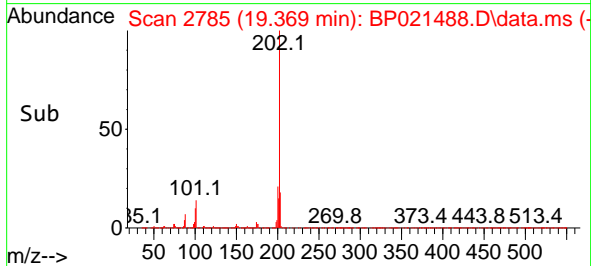
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080



Tgt Ion: 202 Resp: 918583
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 34.0
 203 18.3 0.0 37.5

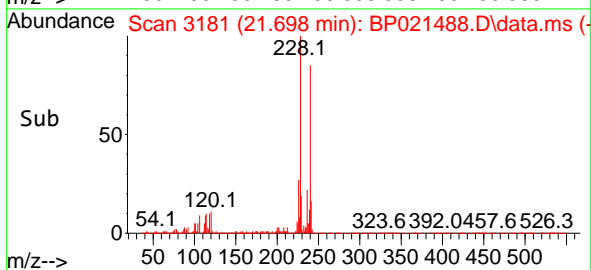
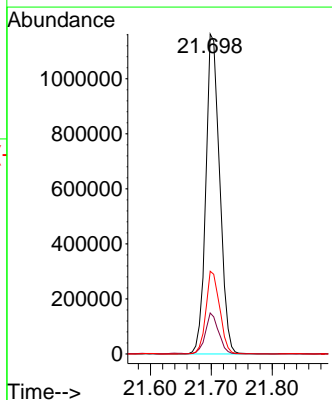
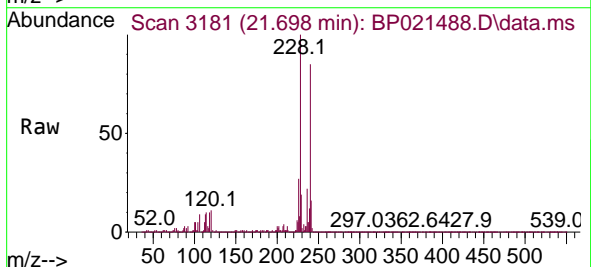
Manual Integrations
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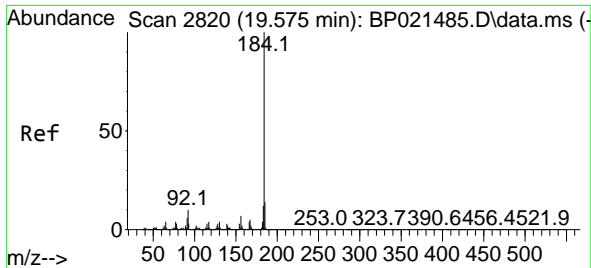
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.698 min Scan# 3181
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

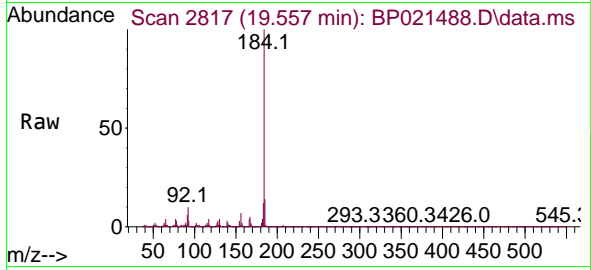
Tgt Ion: 240 Resp: 1834396
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.9 14.9
 236 25.8 20.6 30.8





#77
 Benzidine
 Concen: 82.290 ng
 RT: 19.557 min Scan# 2817
 Delta R.T. -0.018 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

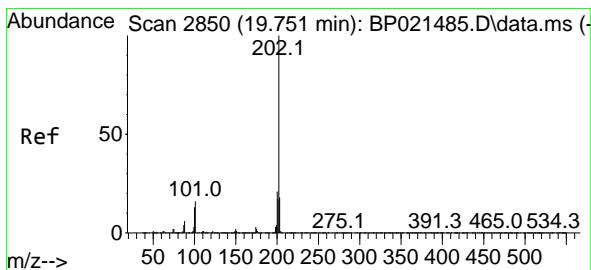
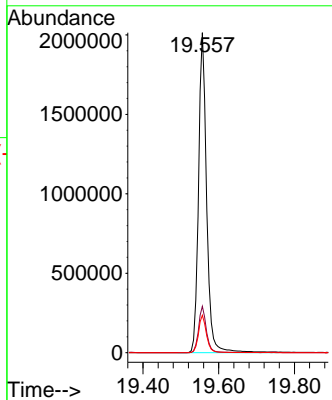
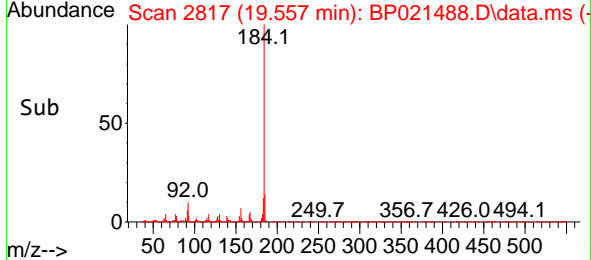
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080



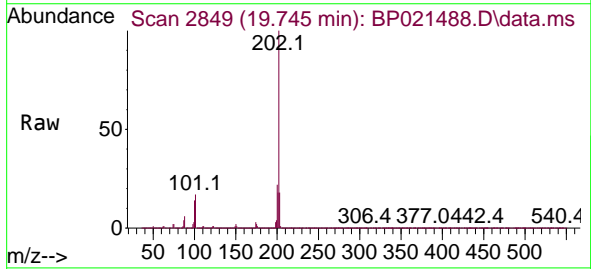
Tgt Ion:184 Resp: 3000610
 Ion Ratio Lower Upper
 184 100
 185 14.5 11.4 17.0
 183 11.7 9.3 13.9

Manual Integrations
 APPROVED

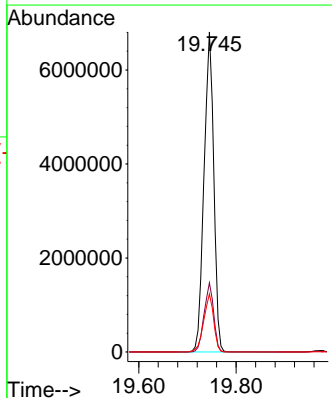
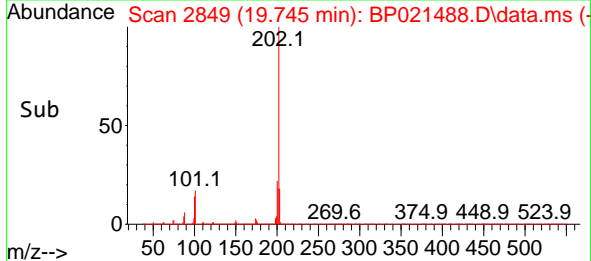
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

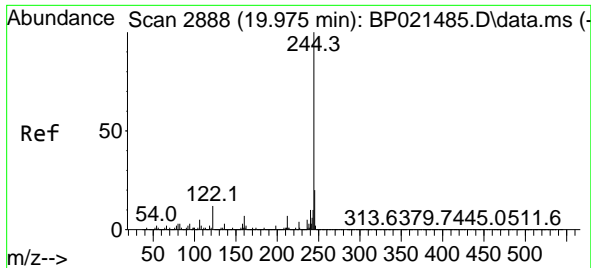


#78
 Pyrene
 Concen: 78.450 ng
 RT: 19.745 min Scan# 2849
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



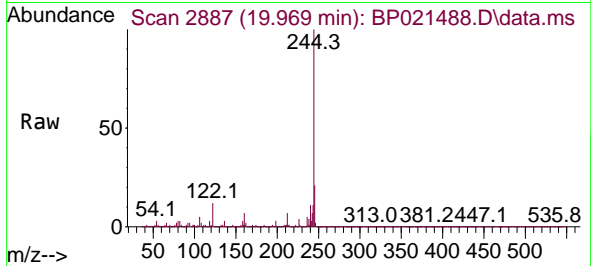
Tgt Ion:202 Resp: 9406096
 Ion Ratio Lower Upper
 202 100
 200 21.6 16.7 25.1
 203 18.1 14.1 21.1





#79
 Terphenyl-d14
 Concen: 145.311 ng
 RT: 19.969 min Scan# 2887
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

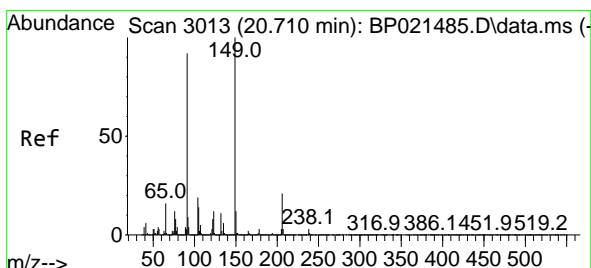
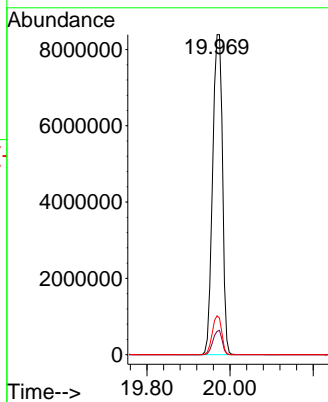
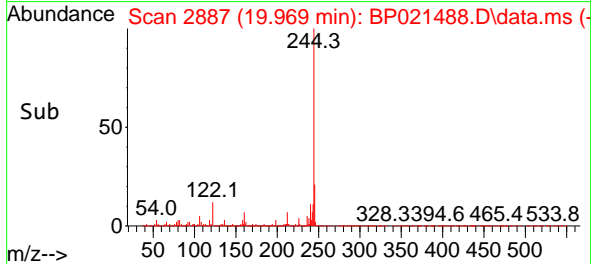
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080



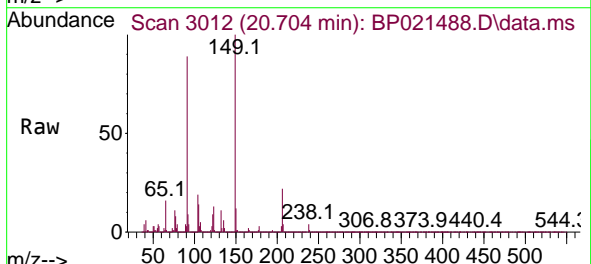
Tgt Ion: 244 Resp: 1372075
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 12.1 9.4 14.2

Manual Integrations
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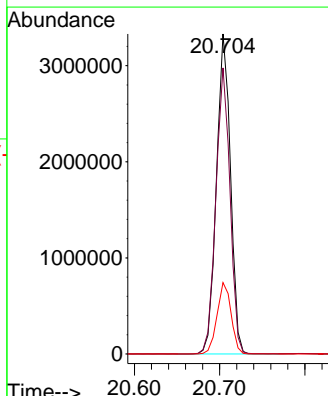
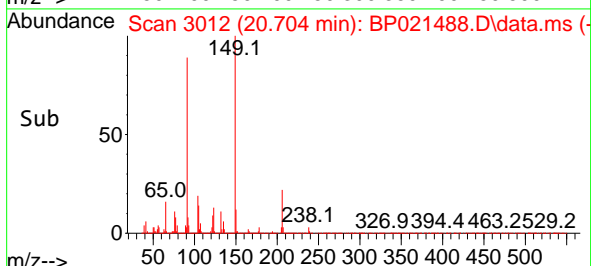
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

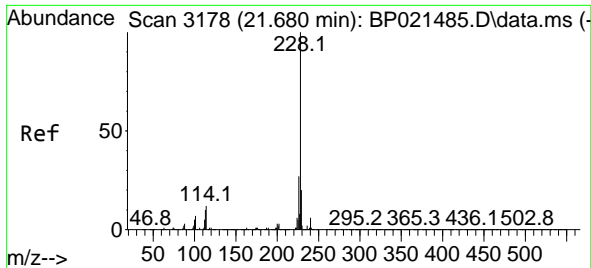


#80
 Butylbenzylphthalate
 Concen: 80.964 ng
 RT: 20.704 min Scan# 3012
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



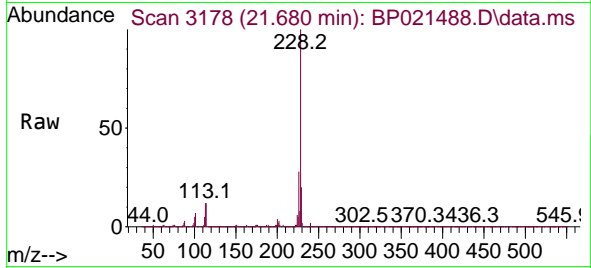
Tgt Ion: 149 Resp: 3806046
 Ion Ratio Lower Upper
 149 100
 91 89.4 73.3 109.9
 206 22.3 17.1 25.7





#81
 Benzo(a)anthracene
 Concen: 79.168 ng
 RT: 21.680 min Scan# 3178
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

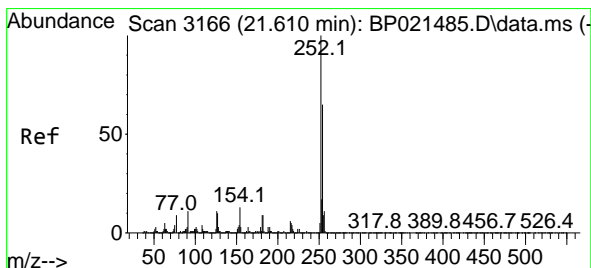
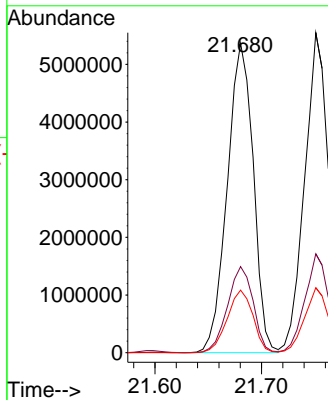
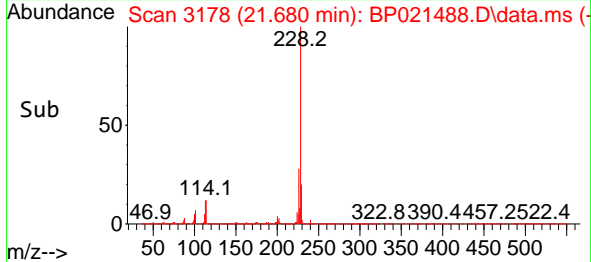
Instrument :
 BNA_P
 Client SampleId :
 SSTDICC080



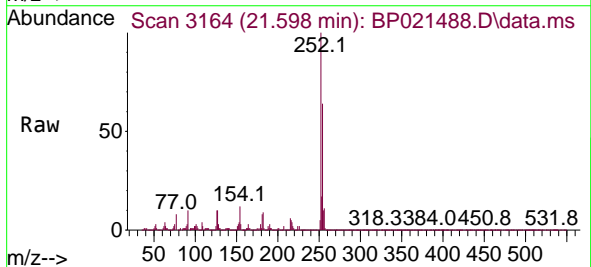
Tgt Ion:228 Resp: 9116699
 Ion Ratio Lower Upper
 228 100
 226 27.8 21.4 32.2
 229 20.2 15.8 23.6

Manual Integrations
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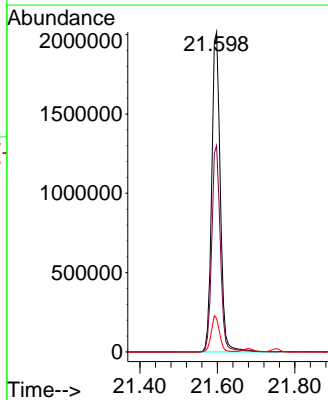
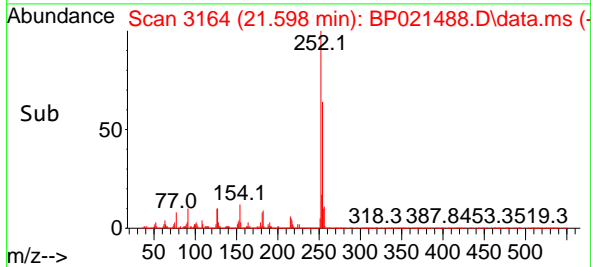
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

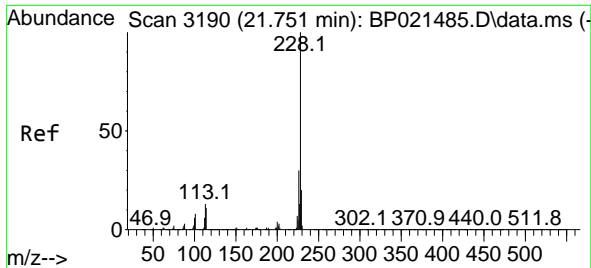


#82
 3,3'-Dichlorobenzidine
 Concen: 83.768 ng
 RT: 21.598 min Scan# 3164
 Delta R.T. -0.012 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



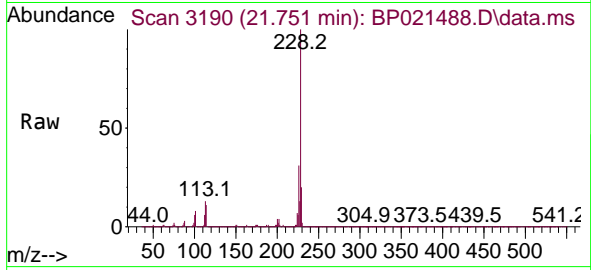
Tgt Ion:252 Resp: 3092890
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.7 77.5
 126 10.4 8.7 13.1





#83
 Chrysene
 Concen: 78.894 ng
 RT: 21.751 min Scan# 3190
 Delta R.T. -0.000 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

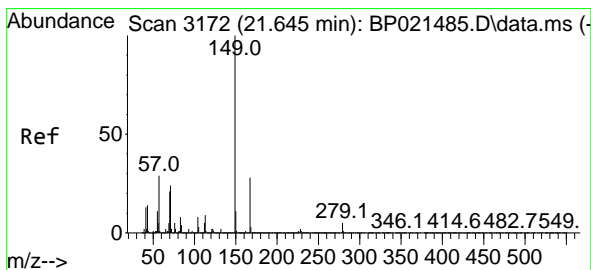
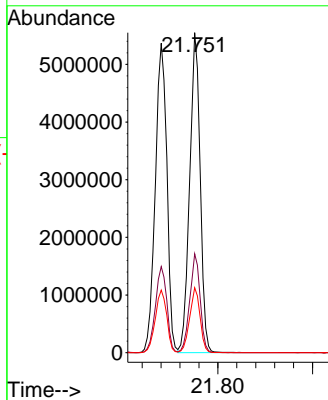
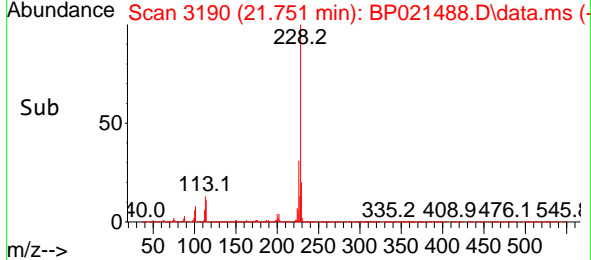
Instrument : BNA_P
 Client Sample Id : SSTDICC080



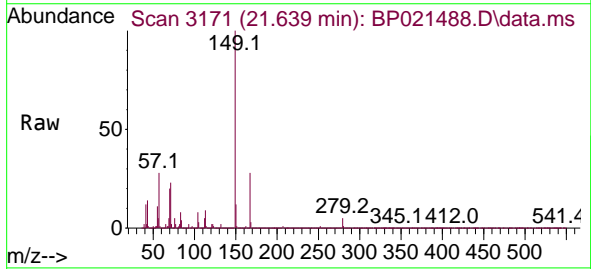
Tgt Ion: 228 Resp: 857762
 Ion Ratio Lower Upper
 228 100
 226 30.9 23.9 35.9
 229 20.3 15.8 23.6

Manual Integrations
 APPROVED

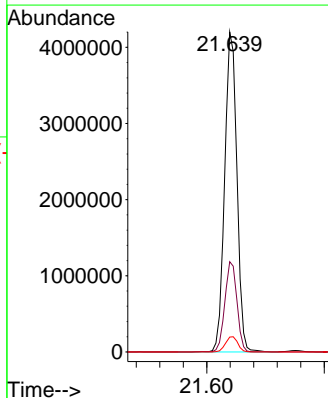
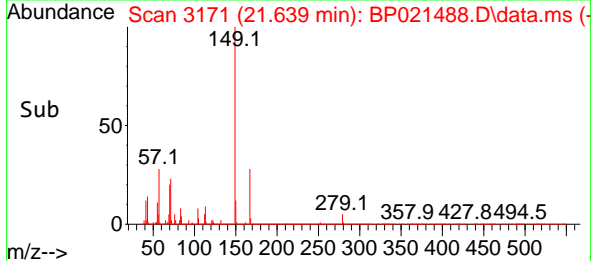
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

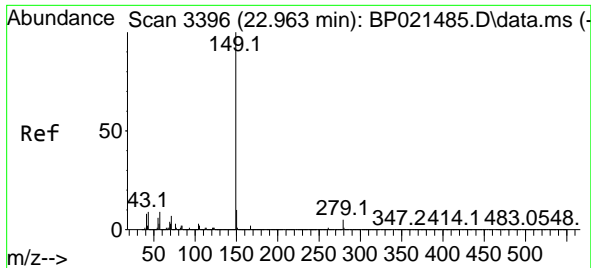


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 89.068 ng
 RT: 21.639 min Scan# 3171
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



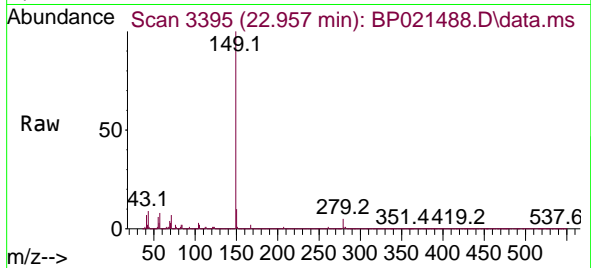
Tgt Ion: 149 Resp: 6062099
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.3 33.5
 279 4.7 3.8 5.6





#85
 Di-n-octyl phthalate
 Concen: 80.797 ng
 RT: 22.957 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080

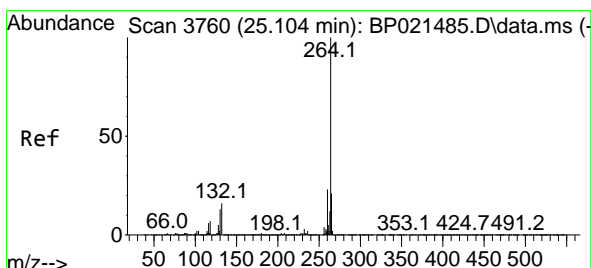
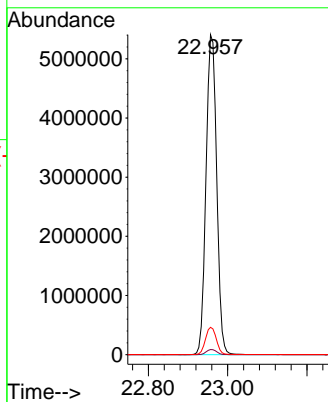
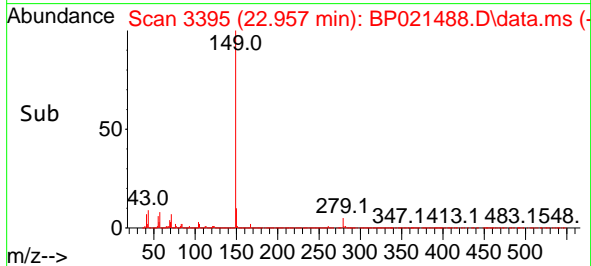


Tgt Ion: 149 Resp: 1009931

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.7	7.3	10.9

Manual Integrations
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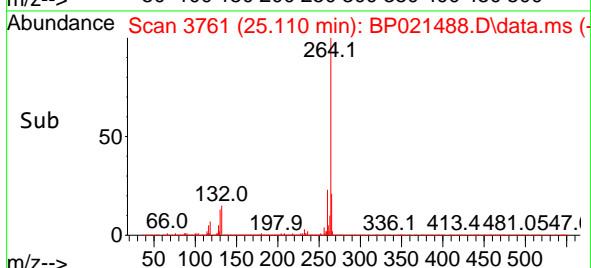
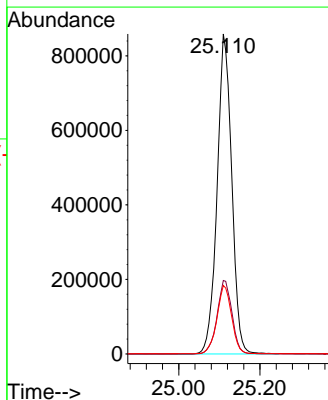
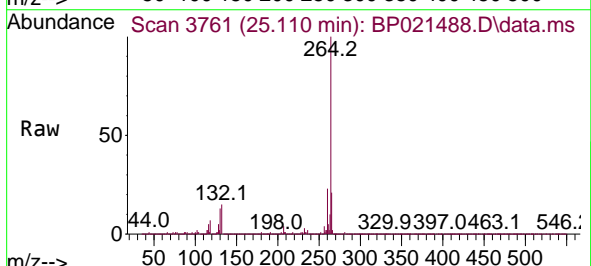
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

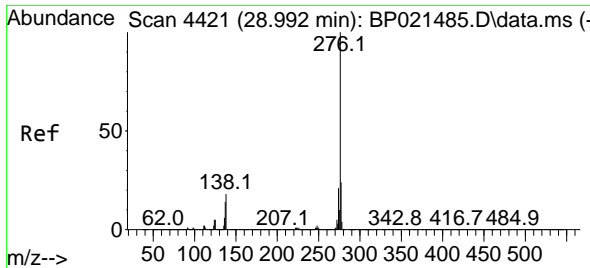


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.110 min Scan# 3761
 Delta R.T. 0.006 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

Tgt Ion: 264 Resp: 2148798

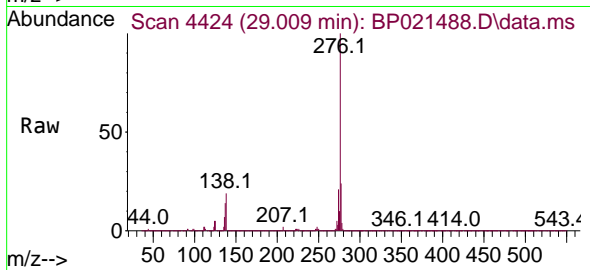
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.4	17.1	25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 83.285 ng m
 RT: 29.009 min Scan# 4421
 Delta R.T. 0.018 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

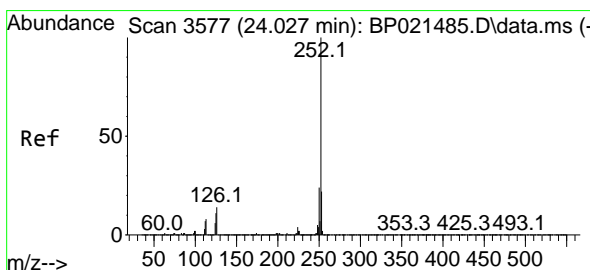
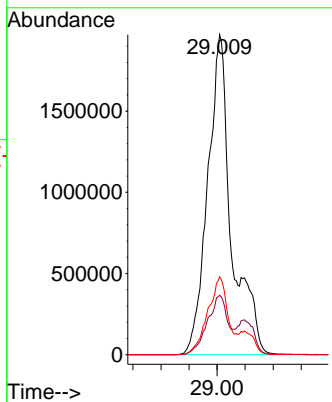
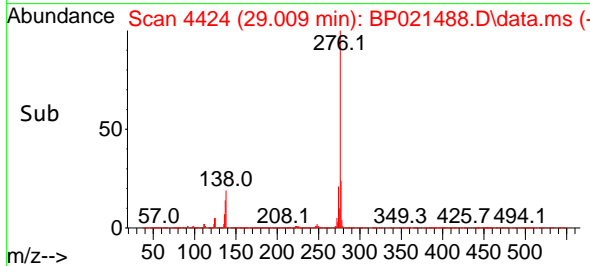
Instrument :
 BNA_P
 Client Sample Id :
 SSTDICC080



Tgt Ion: 276 Resp: 1159945
 Ion Ratio Lower Upper
 276 100
 138 16.3 12.8 19.2
 277 20.9 16.5 24.7

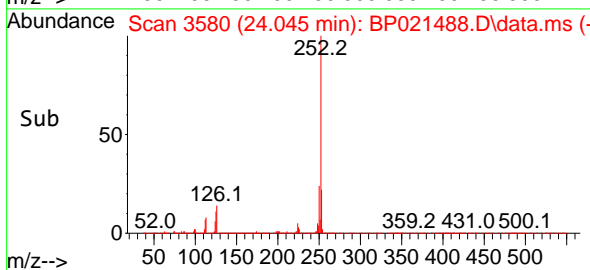
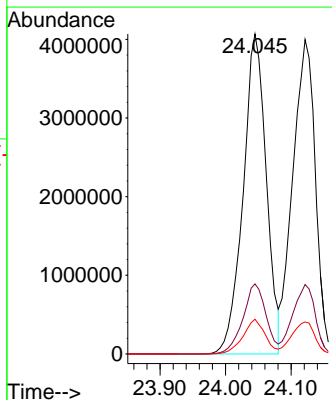
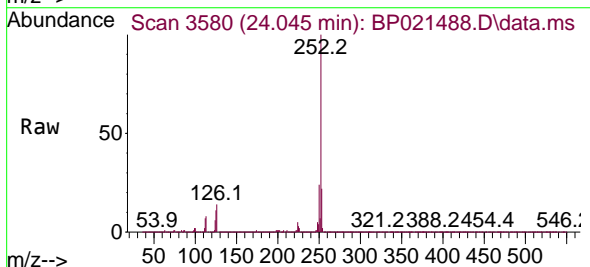
Manual Integrations
 APPROVED

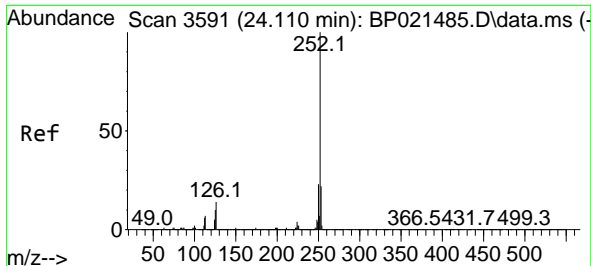
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#88
 Benzo(b)fluoranthene
 Concen: 80.984 ng
 RT: 24.045 min Scan# 3580
 Delta R.T. 0.018 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

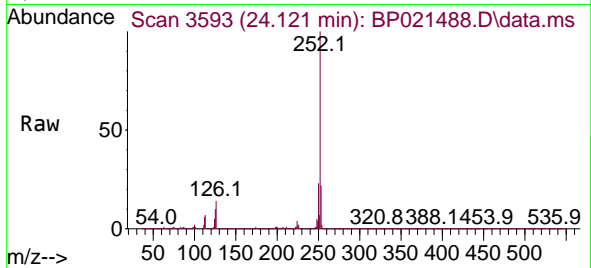
Tgt Ion: 252 Resp: 9994213
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.6 26.4
 125 10.9 8.6 13.0





#89
 Benzo(k)fluoranthene
 Concen: 79.279 ng
 RT: 24.121 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

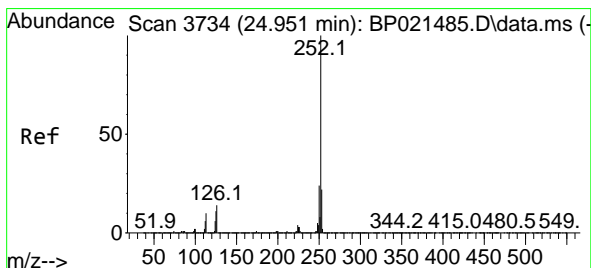
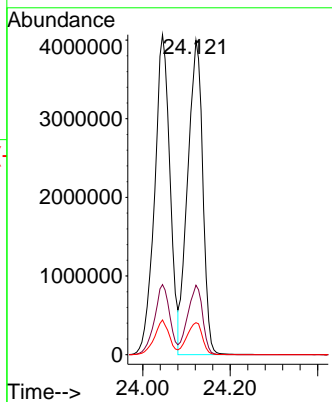
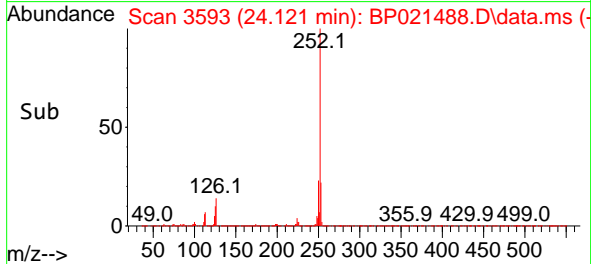
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080



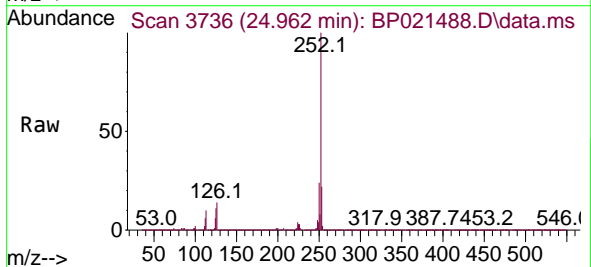
Tgt Ion:252 Resp: 954416
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.5 26.3
 125 10.2 7.8 11.8

Manual Integrations
 APPROVED

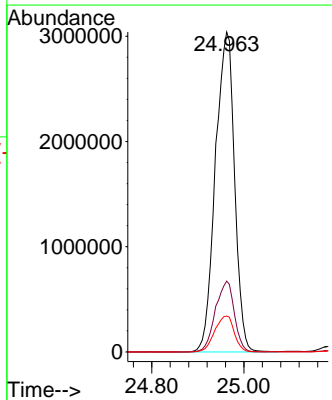
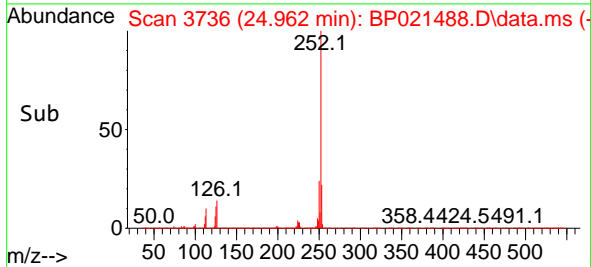
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

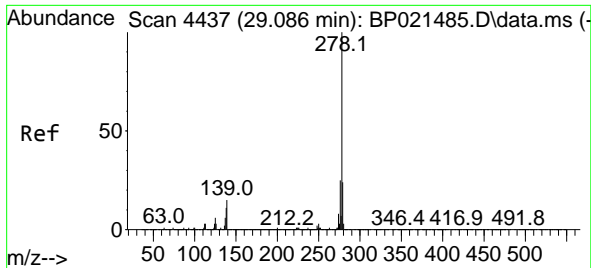


#90
 Benzo(a)pyrene
 Concen: 81.773 ng
 RT: 24.962 min Scan# 3736
 Delta R.T. 0.012 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



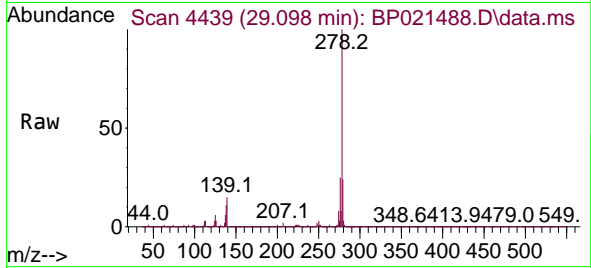
Tgt Ion:252 Resp: 8757562
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.7 26.5
 125 11.2 8.7 13.1





#91
 Dibenzo(a,h)anthracene
 Concen: 82.349 ng
 RT: 29.098 min Scan# 4439
 Delta R.T. 0.012 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36

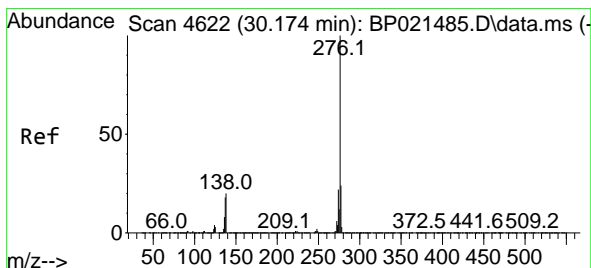
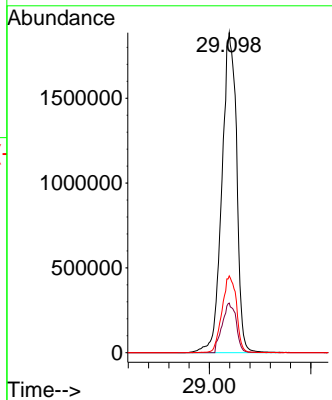
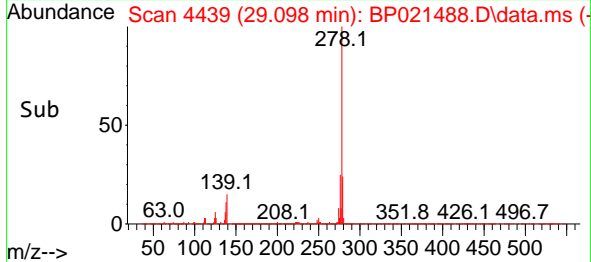
Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080



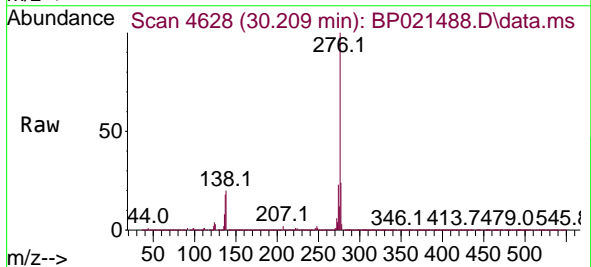
Tgt Ion:278 Resp: 953045
 Ion Ratio Lower Upper
 278 100
 139 15.5 12.2 18.4
 279 24.0 19.1 28.7

Manual Integrations
 APPROVED

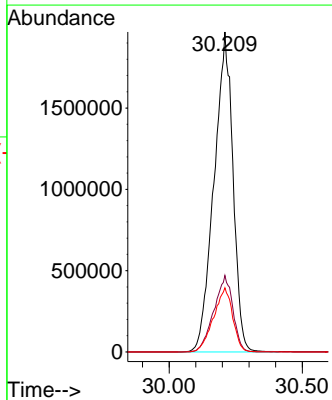
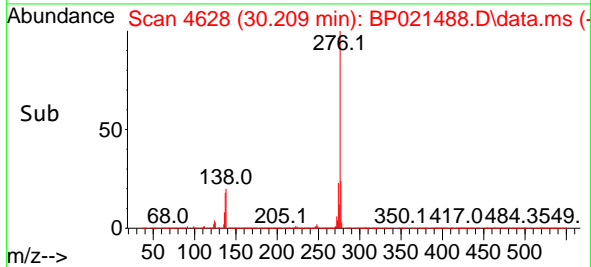
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#92
 Benzo(g,h,i)perylene
 Concen: 83.581 ng
 RT: 30.209 min Scan# 4628
 Delta R.T. 0.035 min
 Lab File: BP021488.D
 Acq: 13 Aug 2024 17:36



Tgt Ion:276 Resp: 9695156
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.0 28.6
 138 20.1 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021489.D
 Acq On : 13 Aug 2024 19:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

ICVBP081324

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 14 00:10:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	443421	20.000	ng	0.00	
21) Naphthalene-d8	10.599	136	2000407	20.000	ng	0.00	
39) Acenaphthene-d10	14.463	164	1334240	20.000	ng	0.00	
64) Phenanthrene-d10	17.257	188	2538103	20.000	ng	0.00	
76) Chrysenes-d12	21.716	240	1932921	20.000	ng	0.02	
86) Perylene-d12	25.121	264	2127555	20.000	ng	0.02	
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	2413201	80.810	ng	0.00	
7) Phenol-d6	6.964	99	3740158	85.856	ng	0.00	
23) Nitrobenzene-d5	8.958	82	3463320	89.361	ng	0.00	
42) 2,4,6-Tribromophenol	15.975	330	1239599	83.477	ng	0.00	
45) 2-Fluorobiphenyl	13.069	172	6875867	78.649	ng	0.00	
79) Terphenyl-d14	19.986	244	8578102	86.216	ng	0.01	
Target Compounds							
2) 1,4-Dioxane	3.317	88	537338	37.948	ng	100	
3) Pyridine	3.705	79	1598732m	40.445	ng		
4) n-Nitrosodimethylamine	3.617	42	478013	40.233	ng	100	
6) Aniline	7.128	93	1811514	41.596	ng	100	
8) 2-Chlorophenol	7.375	128	1167341	42.300	ng	99	
9) Benzaldehyde	6.946	77	1127798	40.434	ng	99	
10) Phenol	6.993	94	1922019	42.607	ng	97	
11) bis(2-Chloroethyl)ether	7.228	93	1585750	41.543	ng	100	
12) 1,3-Dichlorobenzene	7.699	146	1300530	39.674	ng	99	
13) 1,4-Dichlorobenzene	7.840	146	1309606	39.564	ng	99	
14) 1,2-Dichlorobenzene	8.158	146	1271884	39.873	ng	99	
15) Benzyl Alcohol	8.034	79	1390052	44.472	ng	99	
16) 2,2'-oxybis(1-Chloropr...	8.340	45	1471975	41.875	ng	99	
17) 2-Methylphenol	8.234	107	1245871	43.687	ng	100	
18) Hexachloroethane	8.893	117	540967	40.755	ng	99	
19) n-Nitroso-di-n-propyla...	8.611	70	1303123	43.304	ng	99	
20) 3+4-Methylphenols	8.563	107	1724643	44.850	ng	98	
22) Acetophenone	8.622	105	2454249	39.936	ng	98	
24) Nitrobenzene	8.999	77	1820293	43.244	ng	98	
25) Isophorone	9.516	82	3726496	40.700	ng	100	
26) 2-Nitrophenol	9.705	139	501343	47.780	ng	99	
27) 2,4-Dimethylphenol	9.758	122	930478	41.179	ng	99	
28) bis(2-Chloroethoxy)met...	10.005	93	2260063	40.438	ng	99	
29) 2,4-Dichlorophenol	10.240	162	1159801	43.442	ng	99	
30) 1,2,4-Trichlorobenzene	10.458	180	1339874	39.146	ng	97	
31) Naphthalene	10.646	128	4141293	39.629	ng	99	
32) Benzoic acid	9.899	122	747114	49.839	ng	98	
33) 4-Chloroaniline	10.746	127	1594388	40.617	ng	99	
34) Hexachlorobutadiene	10.946	225	842702	39.102	ng	99	
35) Caprolactam	11.505	113	464342	41.786	ng	97	
36) 4-Chloro-3-methylphenol	11.857	107	1591956	42.987	ng	99	
37) 2-Methylnaphthalene	12.263	142	2882235	40.412	ng	99	
38) 1-Methylnaphthalene	12.475	142	2825877	40.173	ng	100	
40) 1,2,4,5-Tetrachloroben...	12.640	216	1573947	40.261	ng	100	
41) Hexachlorocyclopentadiene	12.622	237	535050	43.183	ng	99	
43) 2,4,6-Trichlorophenol	12.869	196	960914	44.249	ng	99	

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021489.D
 Acq On : 13 Aug 2024 19:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 ICVBP081324

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 14 00:10:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	1071161	44.396	ng	98
46) 1,1'-Biphenyl	13.281	154	3732699	39.542	ng	99
47) 2-Chloronaphthalene	13.322	162	2917301	39.695	ng	99
48) 2-Nitroaniline	13.510	65	874355	43.044	ng	98
49) Acenaphthylene	14.181	152	4270895	39.531	ng	100
50) Dimethylphthalate	13.910	163	3496130	39.127	ng	99
51) 2,6-Dinitrotoluene	14.022	165	735994	41.424	ng	97
52) Acenaphthene	14.528	154	2790584	39.366	ng	99
53) 3-Nitroaniline	14.351	138	705420	40.483	ng	97
54) 2,4-Dinitrophenol	14.546	184	215120	45.065	ng #	56
55) Dibenzofuran	14.863	168	4202990	38.543	ng	99
56) 4-Nitrophenol	14.640	139	545969	39.582	ng	98
57) 2,4-Dinitrotoluene	14.810	165	917790	40.864	ng	93
58) Fluorene	15.522	166	3409197	38.055	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.093	232	866459	42.310	ng	99
60) Diethylphthalate	15.293	149	3461071	37.752	ng	99
61) 4-Chlorophenyl-phenyle...	15.528	204	1795669	38.777	ng	98
62) 4-Nitroaniline	15.534	138	685273	38.254	ng	99
63) Azobenzene	15.828	77	4263599	37.833	ng	99
65) 4,6-Dinitro-2-methylph...	15.593	198	343500	46.281	ng	99
66) n-Nitrosodiphenylamine	15.734	169	2863059	42.093	ng	100
67) 4-Bromophenyl-phenylether	16.440	248	1135965	42.289	ng	99
68) Hexachlorobenzene	16.551	284	1306627	41.161	ng	97
69) Atrazine	16.710	200	907263	38.851	ng	99
70) Pentachlorophenol	16.898	266	770079	44.446	ng	100
71) Phenanthrene	17.298	178	4826486	39.541	ng	100
72) Anthracene	17.398	178	4745227	39.639	ng	100
73) Carbazole	17.675	167	4321248	37.457	ng	99
74) Di-n-butylphthalate	18.281	149	5456093	38.509	ng	100
75) Fluoranthene	19.386	202	5434874	36.288	ng	99
77) Benzidine	19.569	184	1367550	30.320	ng	99
78) Pyrene	19.763	202	5438173	43.044	ng	100
80) Butylbenzylphthalate	20.710	149	1972270	41.647	ng	97
81) Benzo(a)anthracene	21.692	228	4874495	40.172	ng	100
82) 3,3'-Dichlorobenzidine	21.604	252	1592617	40.936	ng	100
83) Chrysene	21.763	228	4554886	39.759	ng	100
84) Bis(2-ethylhexyl)phtha...	21.657	149	3111178	43.381	ng	100
85) Di-n-octyl phthalate	22.974	149	4908258	39.871	ng	100
87) Indeno(1,2,3-cd)pyrene	28.986	276	5668848m	41.105	ng	
88) Benzo(b)fluoranthene	24.039	252	4934155	40.381	ng	99
89) Benzo(k)fluoranthene	24.121	252	4765945	39.984	ng	99
90) Benzo(a)pyrene	24.968	252	4311183	40.657	ng	100
91) Dibenzo(a,h)anthracene	29.104	278	4717815	41.172	ng	99
92) Benzo(g,h,i)perylene	30.203	276	4769954	41.532	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

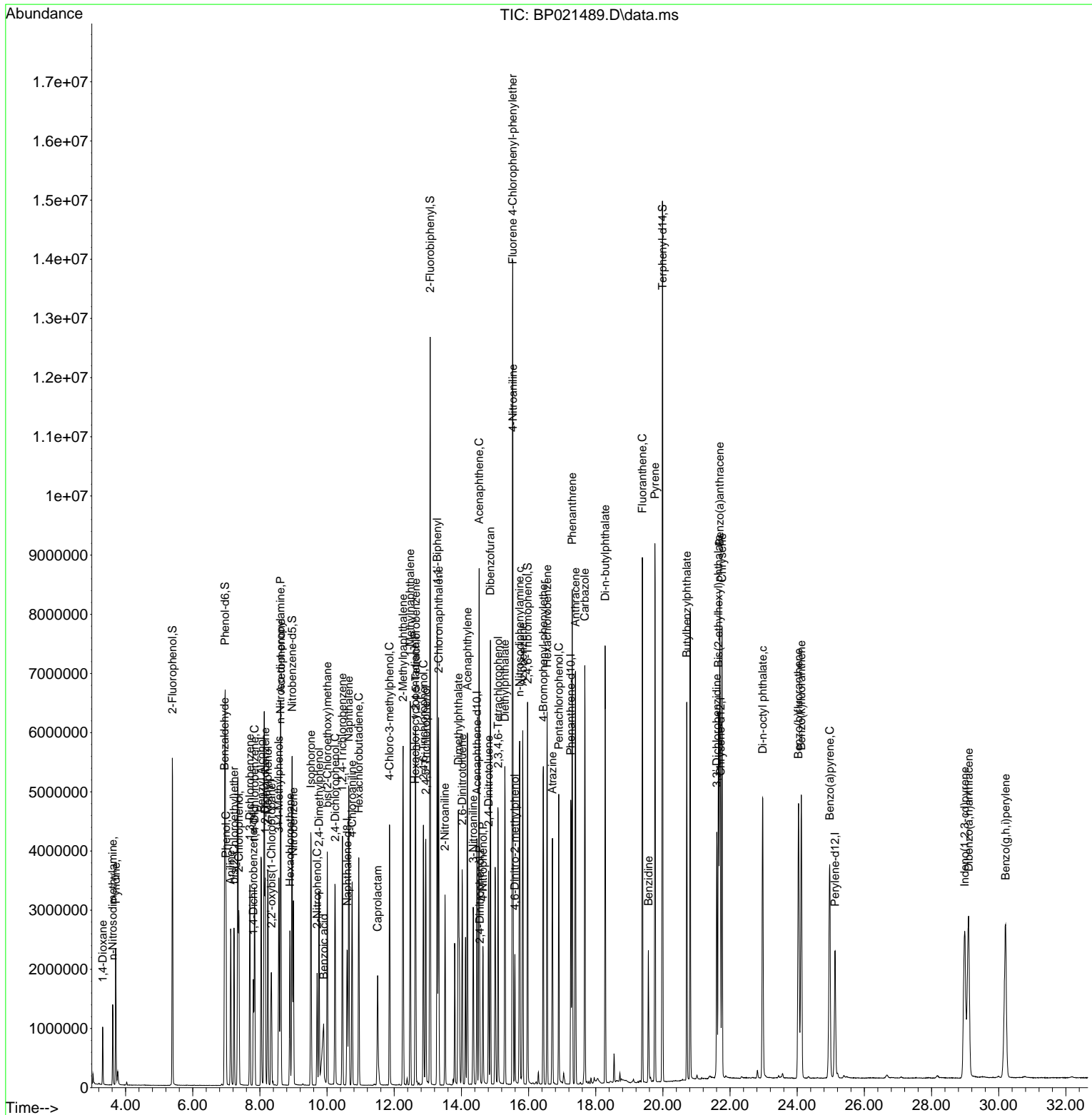
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 Data File : BP021489.D
 Acq On : 13 Aug 2024 19:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

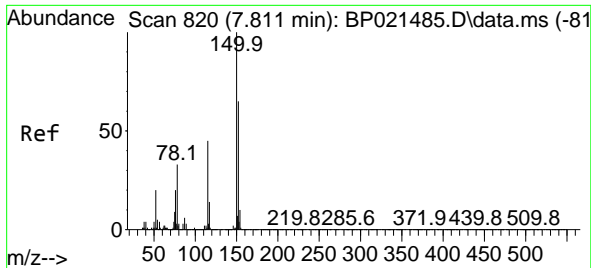
Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081324

Quant Time: Aug 14 00:10:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument :

BNA_P

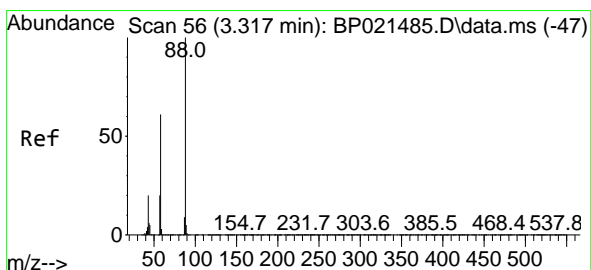
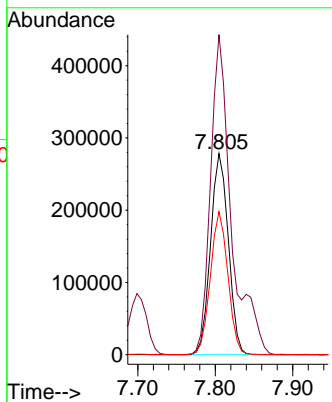
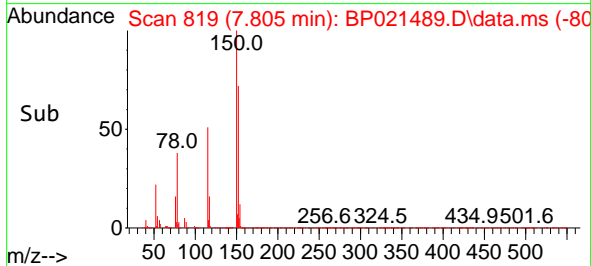
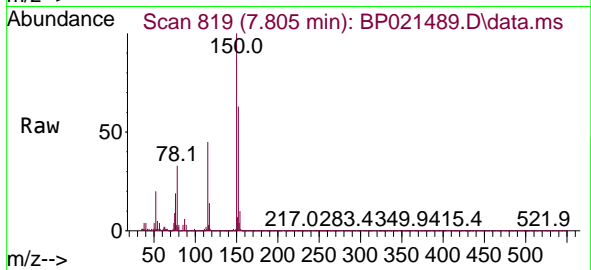
ClientSampleId :

ICVBP081324

Tgt Ion:152 Resp: 44342
 Ion Ratio Lower Upper
 152 100
 150 159.1 122.4 183.6
 115 71.2 54.7 82.1

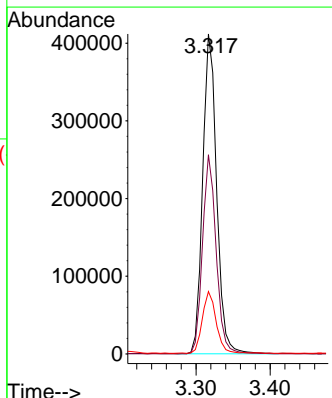
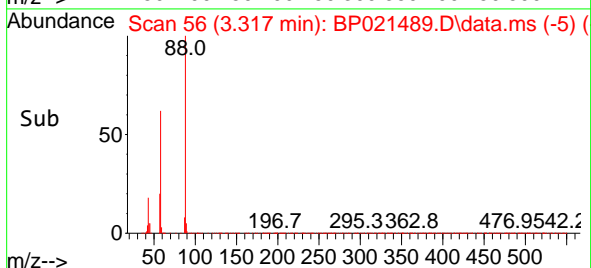
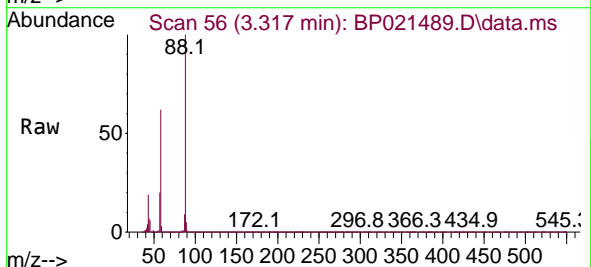
Manual Integrations
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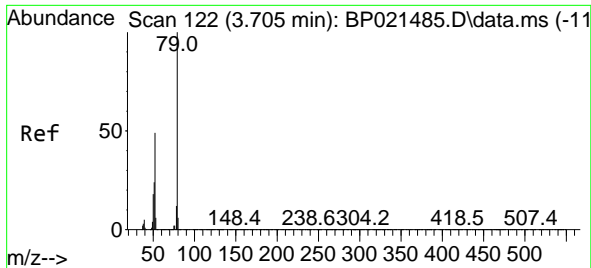
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#2
 1,4-Dioxane
 Concen: 37.948 ng
 RT: 3.317 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Tgt Ion: 88 Resp: 537338
 Ion Ratio Lower Upper
 88 100
 58 61.0 48.7 73.1
 43 19.3 15.4 23.2





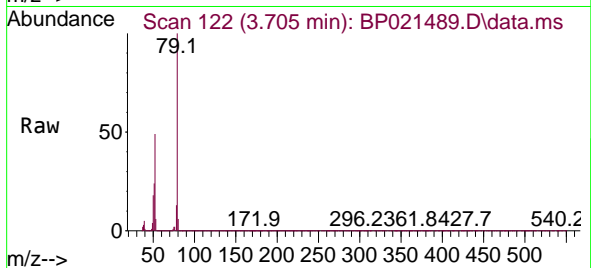
#3
 Pyridine
 Concen: 40.445 ng m
 RT: 3.705 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument :

BNA_P

Client Sample Id :

ICVBP081324

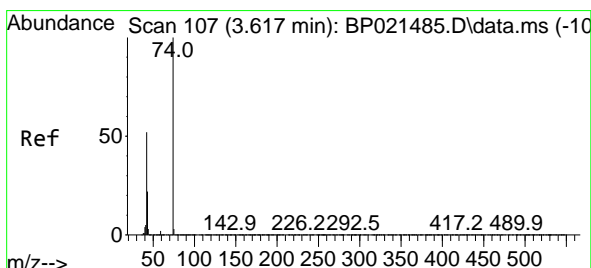
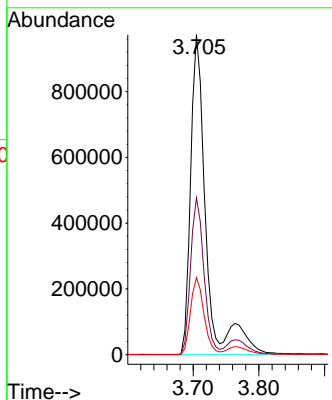
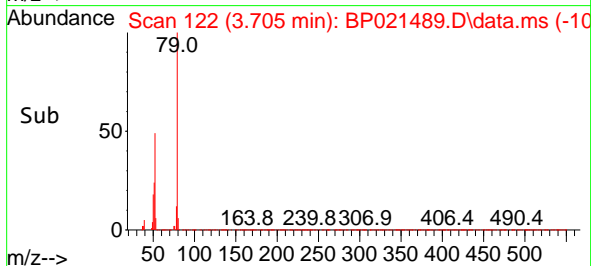


Tgt Ion: 79 Resp: 159873
 Ion Ratio Lower Upper
 79 100
 52 49.0 39.0 58.6
 51 24.1 19.2 28.8

Manual Integrations
APPROVED

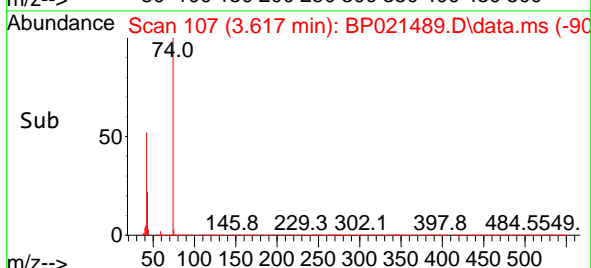
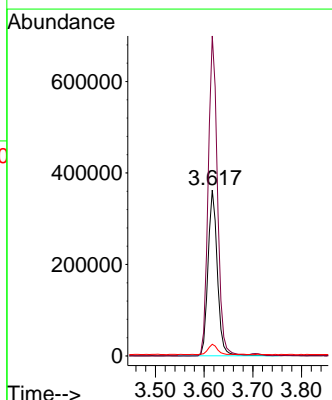
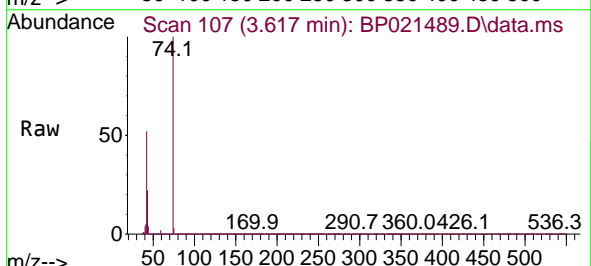
Reviewed By :Yogesh Patel 08/14/2024

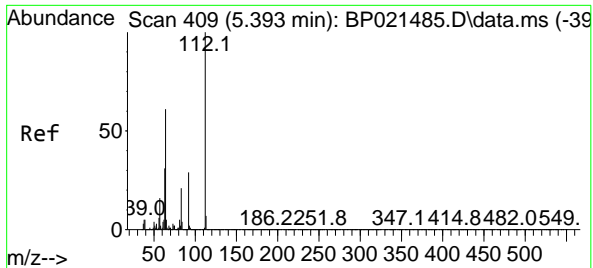
Supervised By :mohammad ahmed 08/14/2024



#4
 n-Nitrosodimethylamine
 Concen: 40.233 ng
 RT: 3.617 min Scan# 107
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

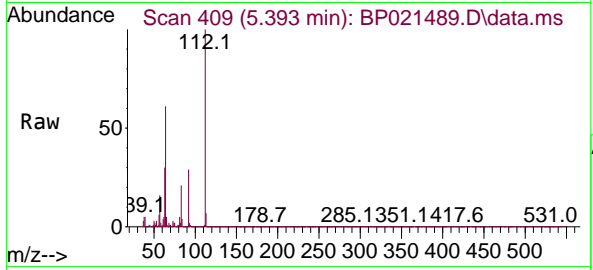
Tgt Ion: 42 Resp: 478013
 Ion Ratio Lower Upper
 42 100
 74 192.8 154.3 231.5
 44 7.0 6.2 9.4





#5
 2-Fluorophenol
 Concen: 80.810 ng
 RT: 5.393 min Scan# 409
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

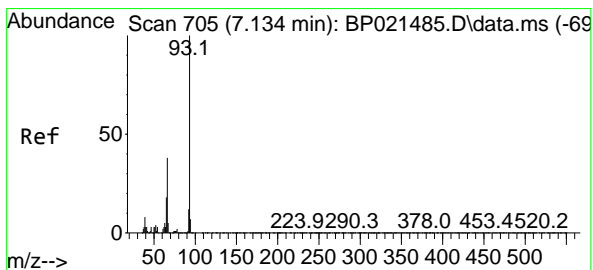
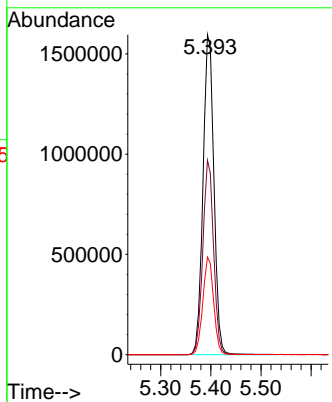
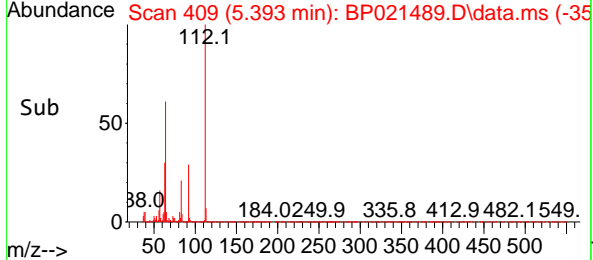
Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324



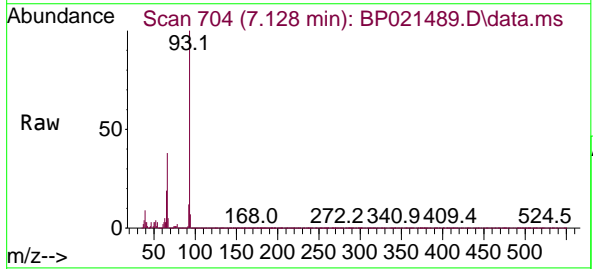
Tgt Ion: 112 Resp: 241320
 Ion Ratio Lower Upper
 112 100
 64 60.7 49.0 73.6
 63 30.5 24.6 36.8

Manual Integrations
 APPROVED

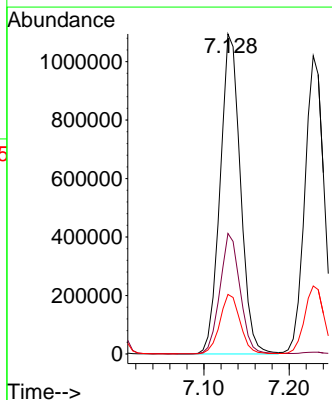
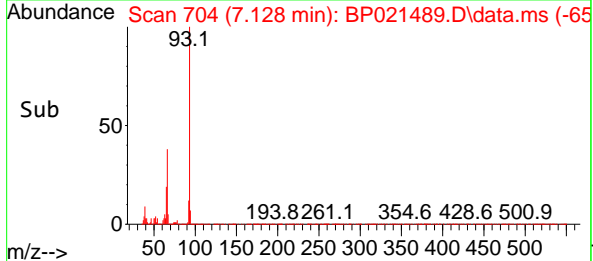
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

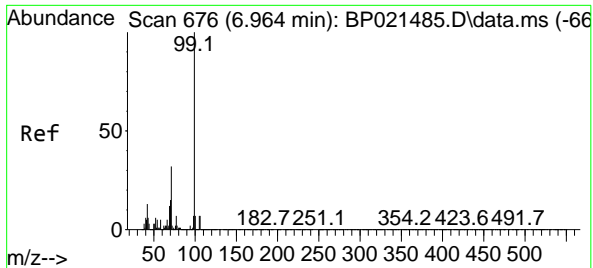


#6
 Aniline
 Concen: 41.596 ng
 RT: 7.128 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



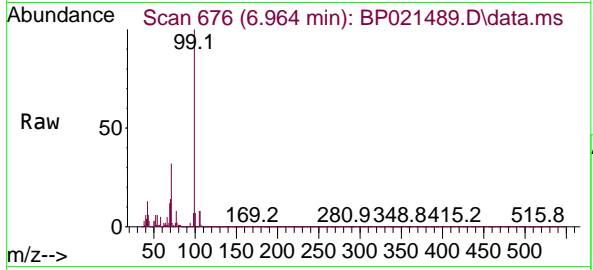
Tgt Ion: 93 Resp: 1811514
 Ion Ratio Lower Upper
 93 100
 66 37.7 30.2 45.2
 65 18.6 14.7 22.1





#7
 Phenol-d6
 Concen: 85.856 ng
 RT: 6.964 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

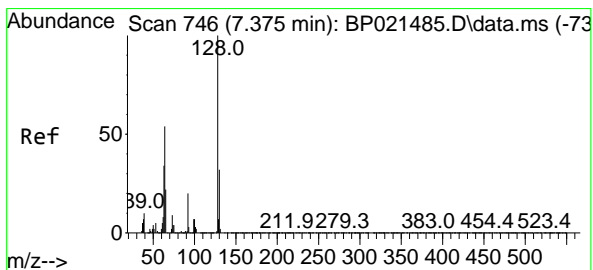
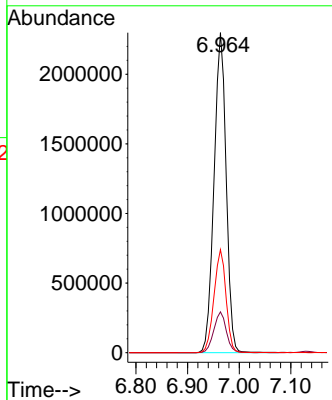
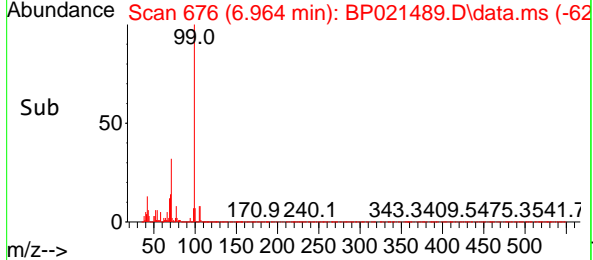
Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324



Tgt Ion: 99 Resp: 374015
 Ion Ratio Lower Upper
 99 100
 42 12.8 10.2 15.4
 71 32.2 25.8 38.8

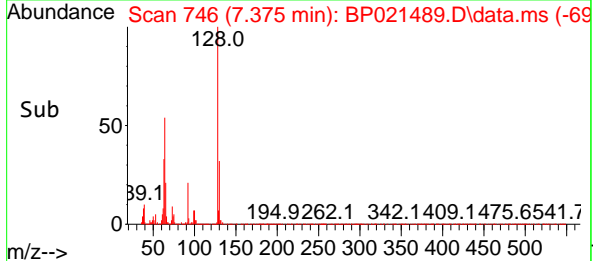
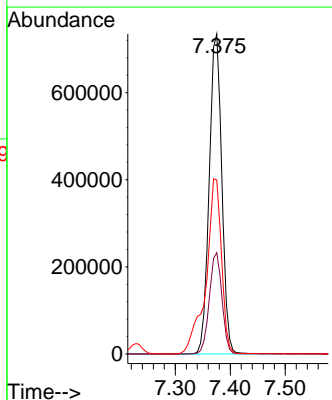
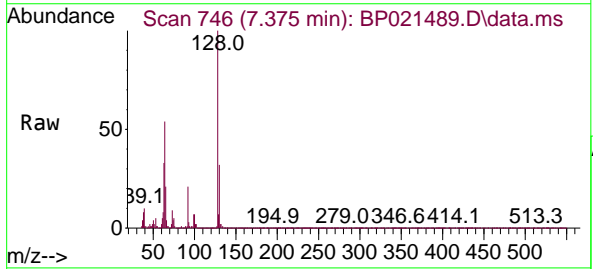
Manual Integrations
 APPROVED

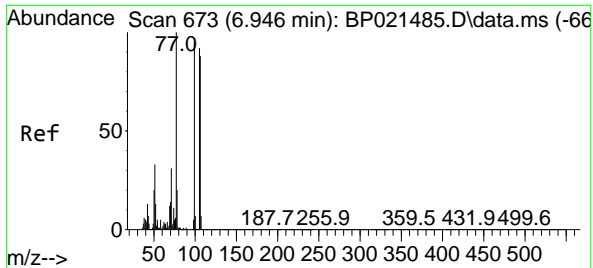
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#8
 2-Chlorophenol
 Concen: 42.300 ng
 RT: 7.375 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

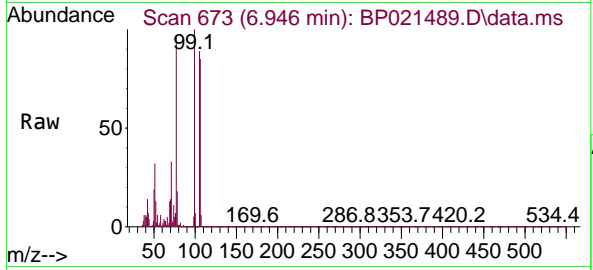
Tgt Ion:128 Resp: 1167341
 Ion Ratio Lower Upper
 128 100
 130 31.7 11.6 51.6
 64 54.4 35.3 75.3





#9
 Benzaldehyde
 Concen: 40.434 ng
 RT: 6.946 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

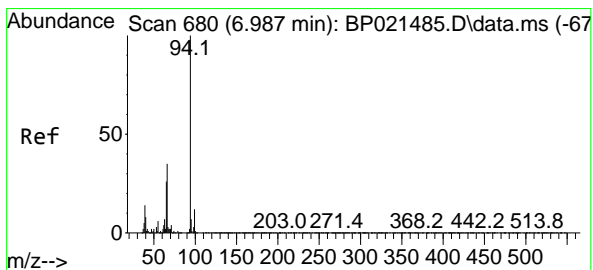
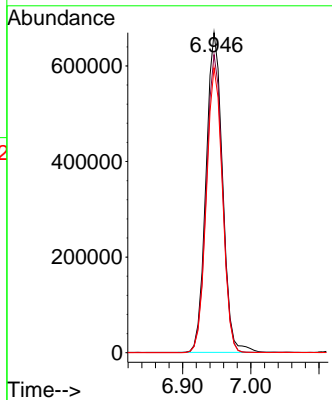
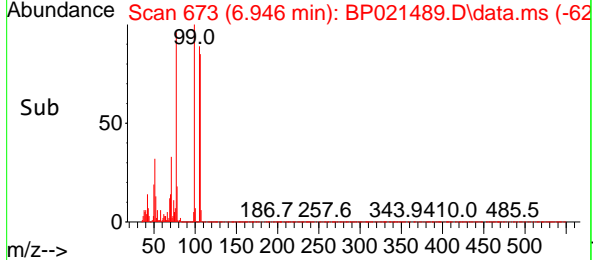
Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324



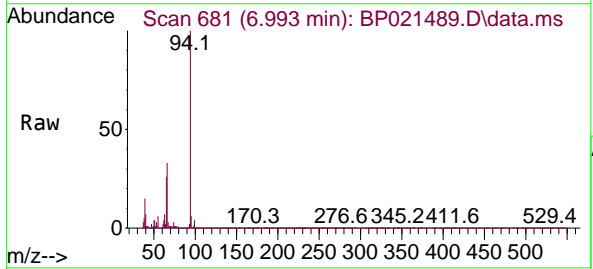
Tgt Ion: 77 Resp: 1127798
 Ion Ratio Lower Upper
 77 100
 105 93.2 72.1 112.1
 106 89.0 67.9 107.9

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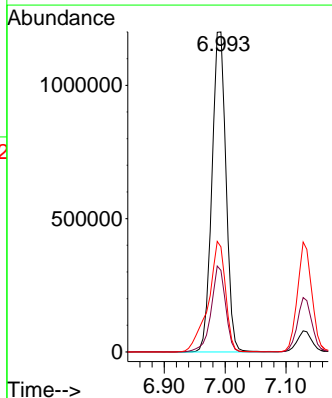
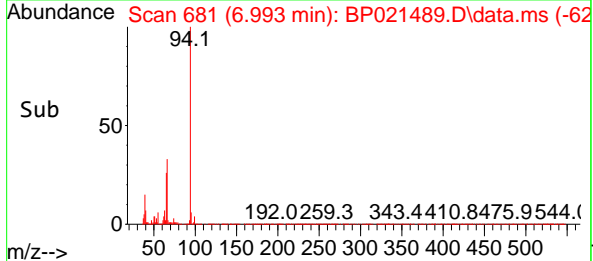
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

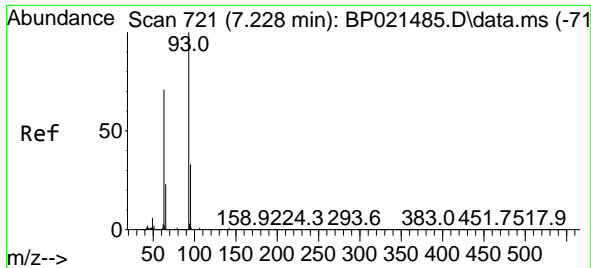


#10
 Phenol
 Concen: 42.607 ng
 RT: 6.993 min Scan# 681
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



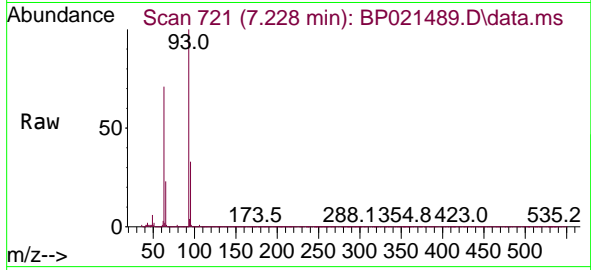
Tgt Ion: 94 Resp: 1922019
 Ion Ratio Lower Upper
 94 100
 65 25.5 6.5 46.5
 66 32.9 14.7 54.7





#11
 bis(2-Chloroethyl)ether
 Concen: 41.543 ng
 RT: 7.228 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324

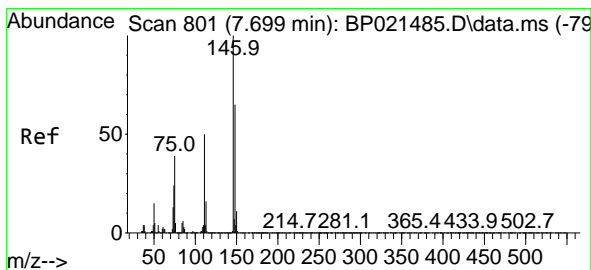
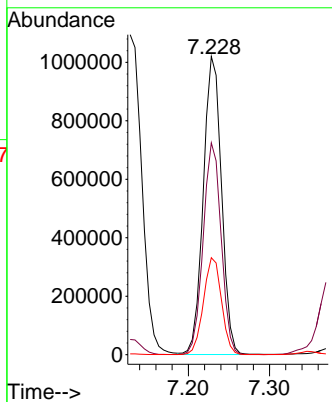
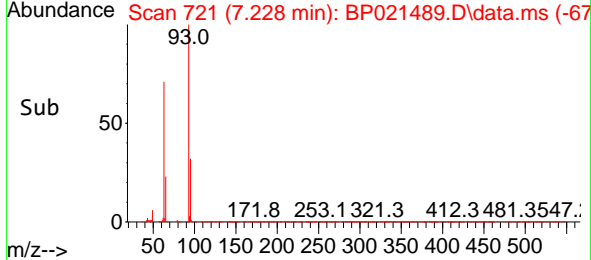


Tgt Ion: 93 Resp: 1585750

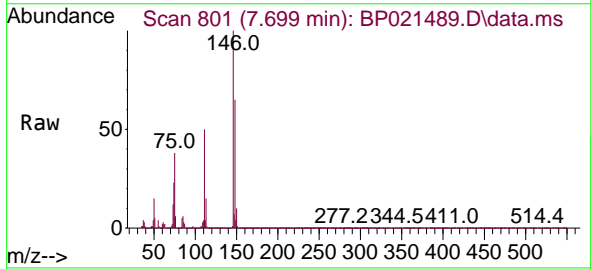
Ion	Ratio	Lower	Upper
93	100		
63	71.1	51.0	91.0
95	32.5	12.9	52.9

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

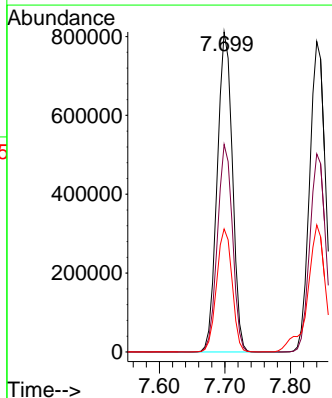
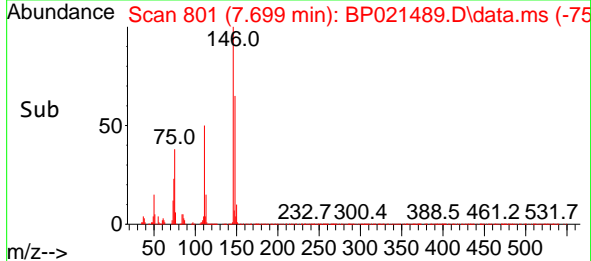


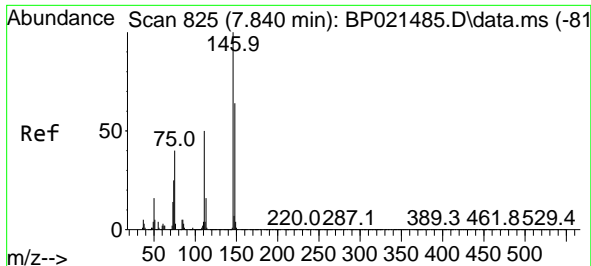
#12
 1,3-Dichlorobenzene
 Concen: 39.674 ng
 RT: 7.699 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion: 146 Resp: 1300530

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.6
75	38.5	31.3	46.9





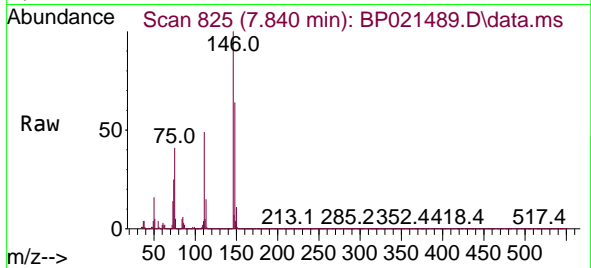
#13
 1,4-Dichlorobenzene
 Concen: 39.564 ng
 RT: 7.840 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument :

BNA_P

ClientSampleId :

ICVBP081324



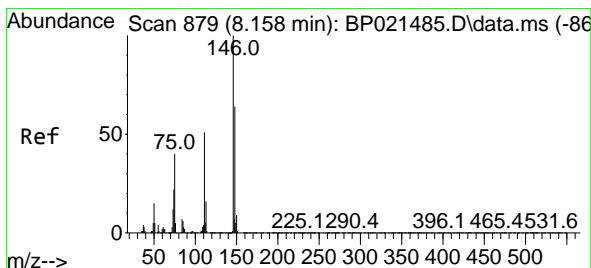
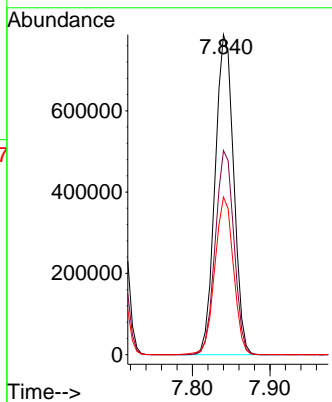
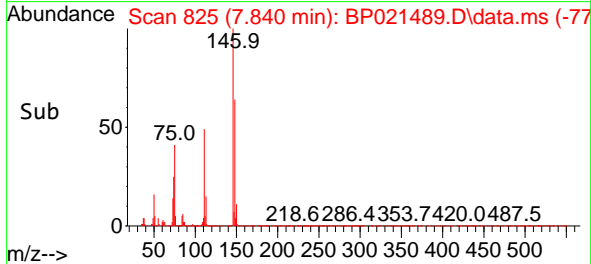
Tgt Ion:146 Resp: 1309600
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.5 77.3
 111 49.2 40.3 60.5

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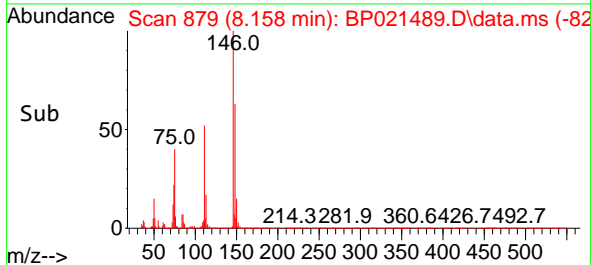
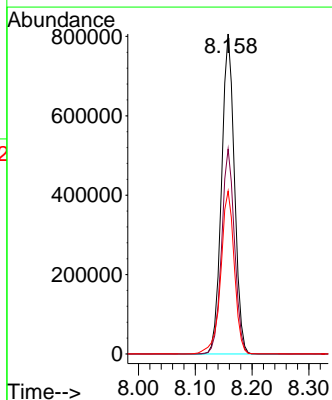
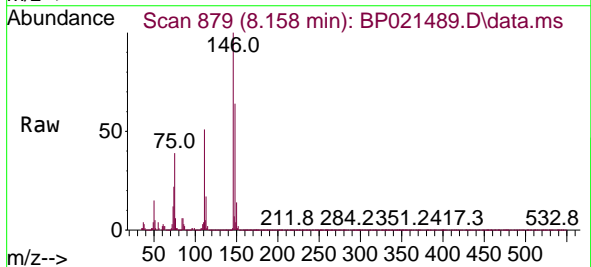
Reviewed By :Yogesh Patel 08/14/2024

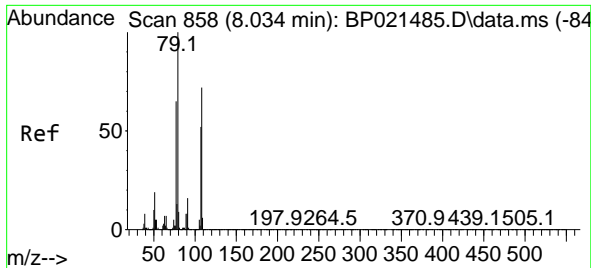
Supervised By :mohammad ahmed 08/14/2024



#14
 1,2-Dichlorobenzene
 Concen: 39.873 ng
 RT: 8.158 min Scan# 879
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

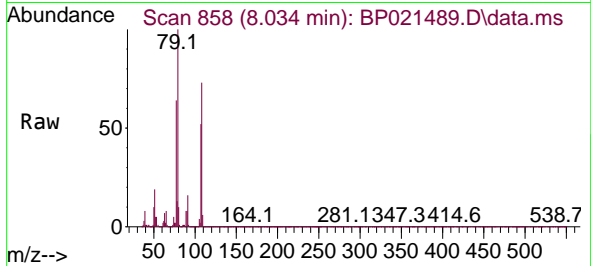
Tgt Ion:146 Resp: 1271884
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.5 77.3
 111 50.9 41.1 61.7





#15
 Benzyl Alcohol
 Concen: 44.472 ng
 RT: 8.034 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

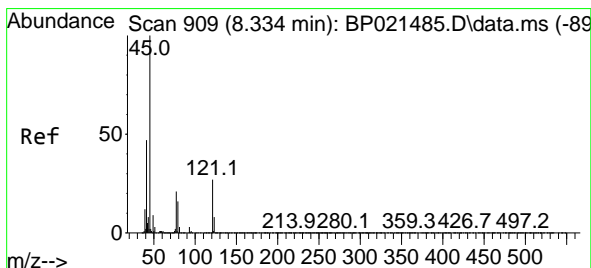
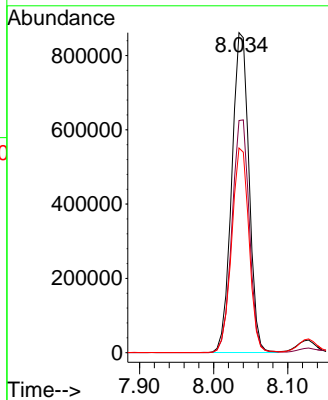
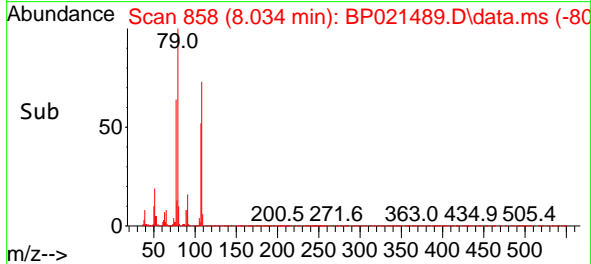
Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324



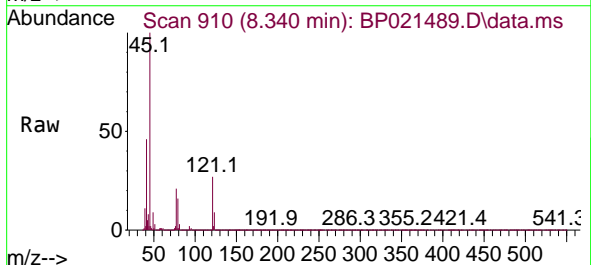
Tgt Ion: 79 Resp: 139005
 Ion Ratio Lower Upper
 79 100
 108 72.6 57.9 86.9
 77 64.0 51.8 77.8

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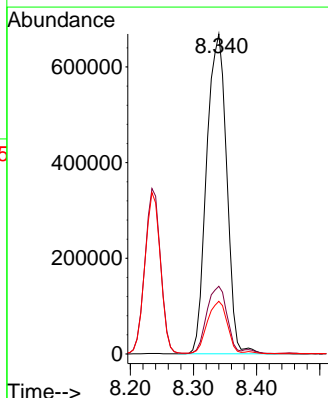
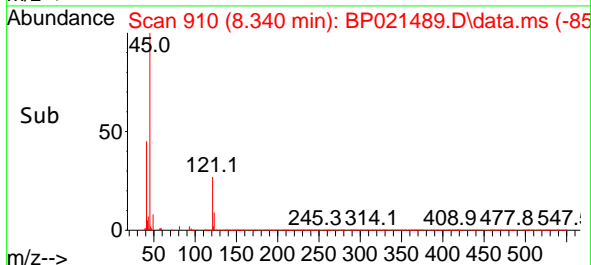
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

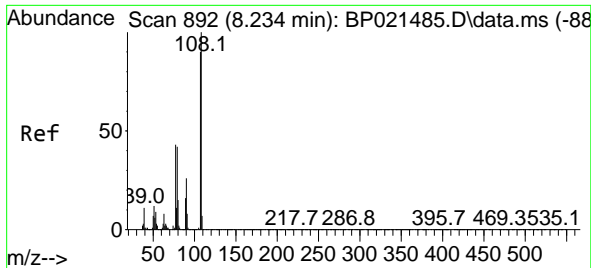


#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 41.875 ng
 RT: 8.340 min Scan# 910
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



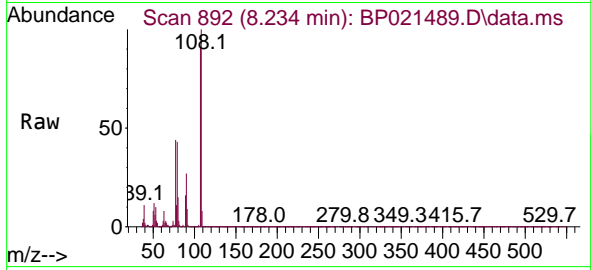
Tgt Ion: 45 Resp: 1471975
 Ion Ratio Lower Upper
 45 100
 77 21.1 1.9 41.9
 79 16.5 0.0 36.6





#17
 2-Methylphenol
 Concen: 43.687 ng
 RT: 8.234 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument : BNA_P
 Client Sample Id : ICVBP081324

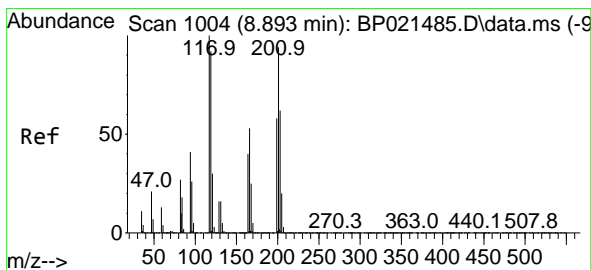
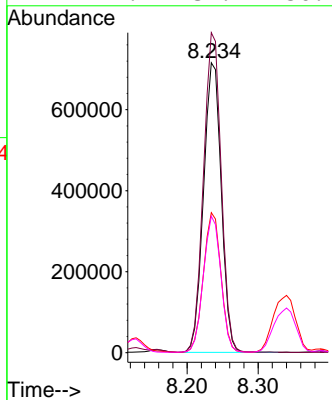
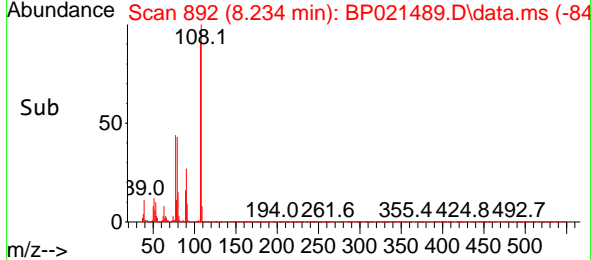


Tgt Ion: 107 Resp: 124587

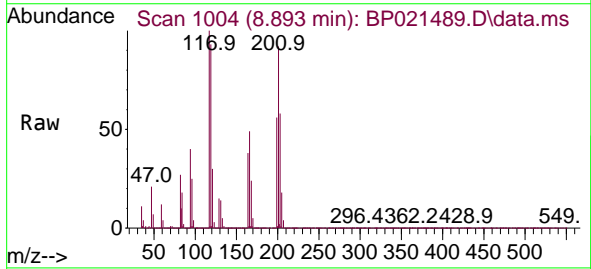
Ion	Ratio	Lower	Upper
107	100		
108	110.4	88.8	133.2
77	48.3	38.7	58.1
79	47.1	37.4	56.2

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 Supervised By :mohammad ahmed 08/14/2024

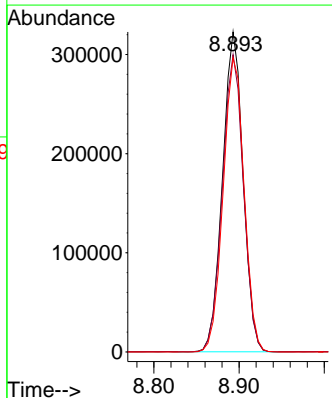
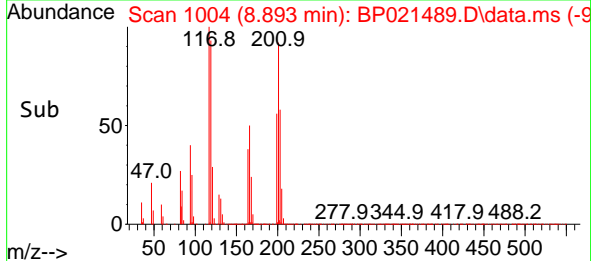


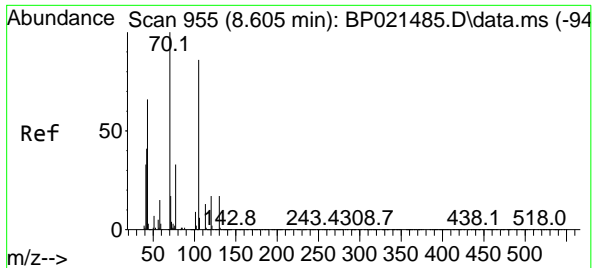
#18
 Hexachloroethane
 Concen: 40.755 ng
 RT: 8.893 min Scan# 1004
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion: 117 Resp: 540967

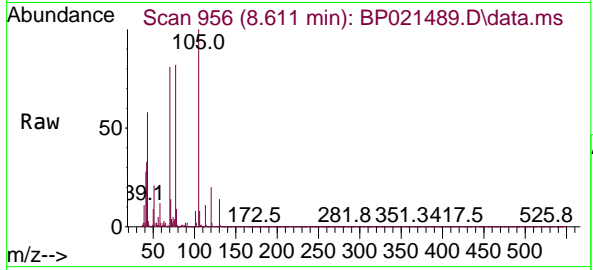
Ion	Ratio	Lower	Upper
117	100		
119	92.9	73.9	110.9
201	91.9	74.9	112.3





#19
 n-Nitroso-di-n-propylamine
 Concen: 43.304 ng
 RT: 8.611 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324

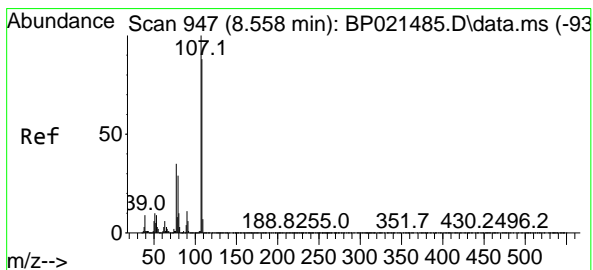
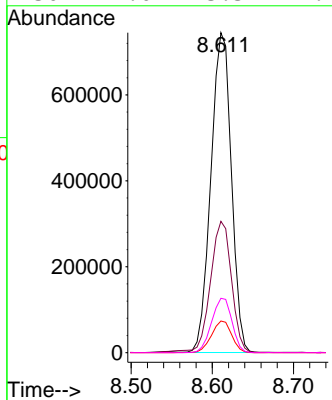
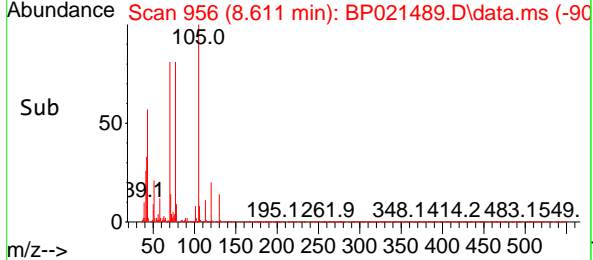


Tgt Ion: 70 Resp: 130312

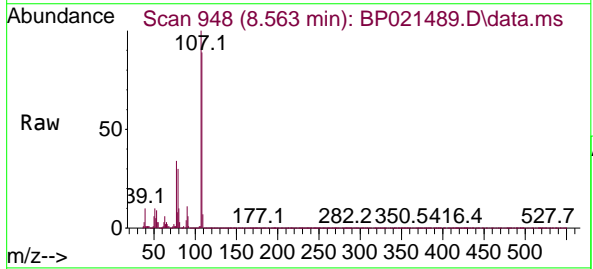
Ion	Ratio	Lower	Upper
70	100		
42	41.1	33.1	49.7
101	9.9	7.4	11.2
130	17.0	13.3	19.9

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 Supervised By :mohammad ahmed 08/14/2024

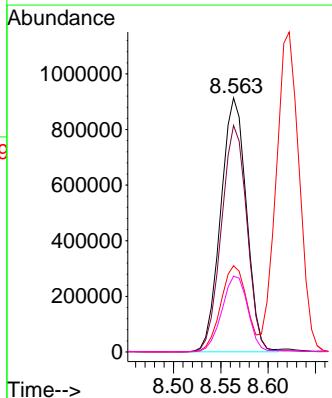
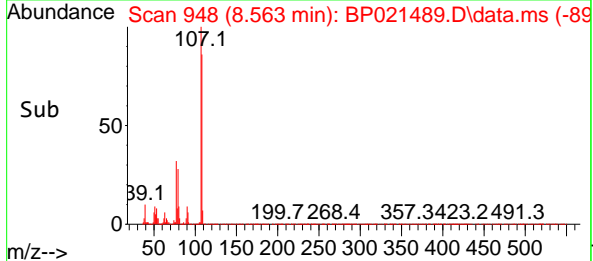


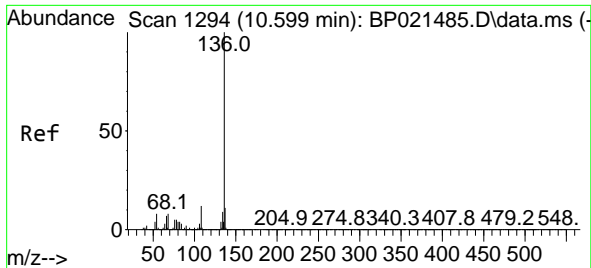
#20
 3+4-Methylphenols
 Concen: 44.850 ng
 RT: 8.563 min Scan# 948
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion:107 Resp: 1724643

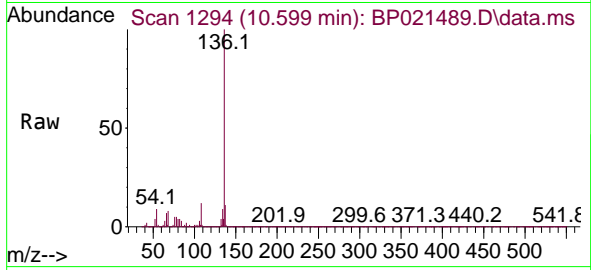
Ion	Ratio	Lower	Upper
107	100		
108	89.2	67.6	107.6
77	34.0	15.0	55.0
79	29.9	8.9	48.9





#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.599 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324

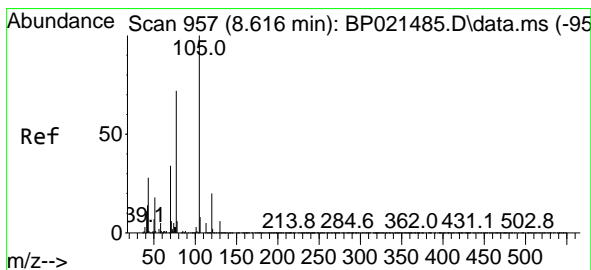
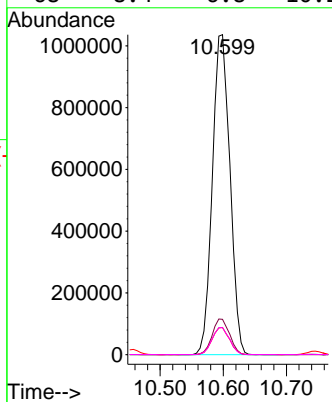
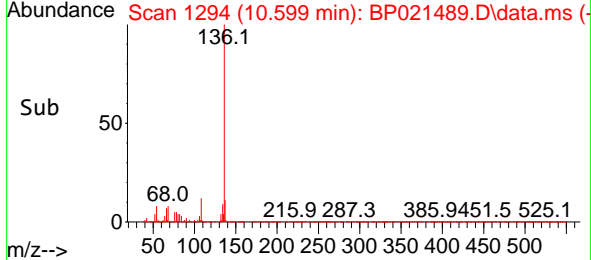


Tgt Ion:136 Resp: 200040

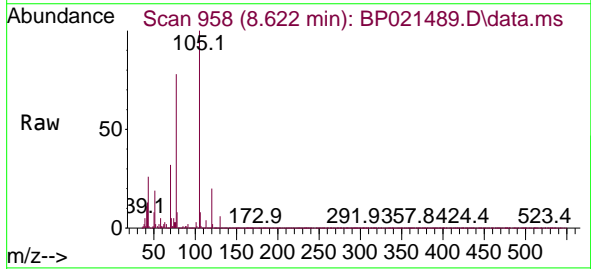
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.5	6.3	9.5
68	8.4	6.8	10.2

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 Supervised By :mohammad ahmed 08/14/2024

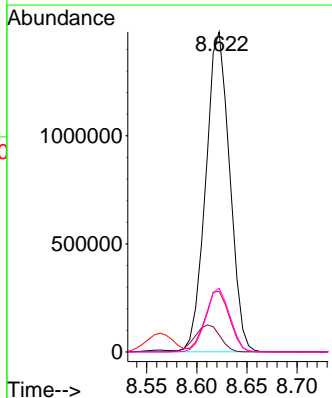
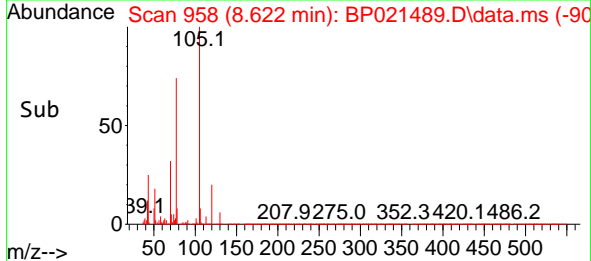


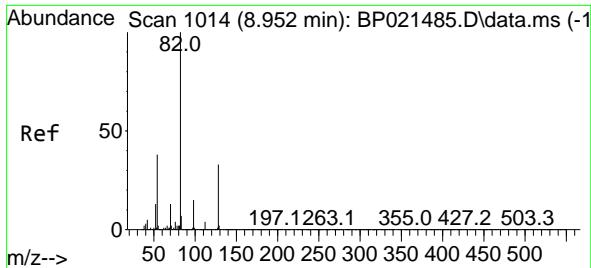
#22
 Acetophenone
 Concen: 39.936 ng
 RT: 8.622 min Scan# 958
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion:105 Resp: 2454249

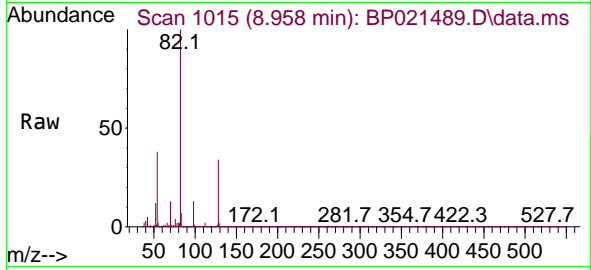
Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.6	7.0
51	18.9	16.3	24.5
120	19.9	16.2	24.2





#23
 Nitrobenzene-d5
 Concen: 89.361 ng
 RT: 8.958 min Scan# 1015
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

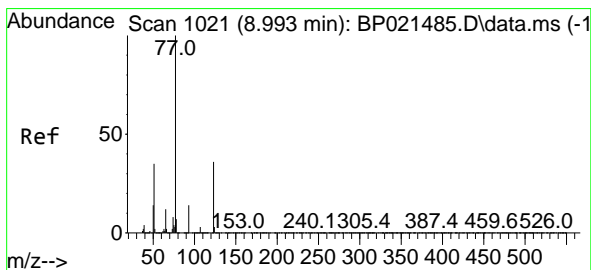
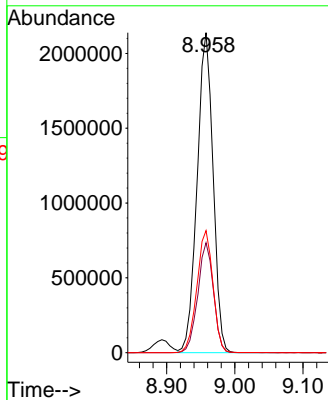
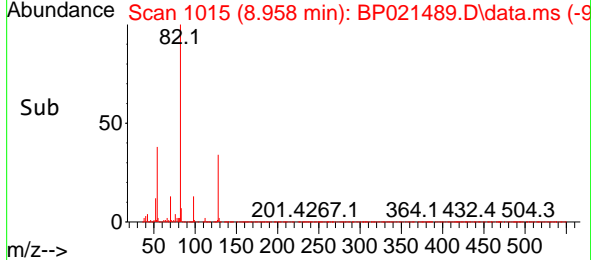
Instrument : BNA_P
 Client Sample Id : ICVBP081324



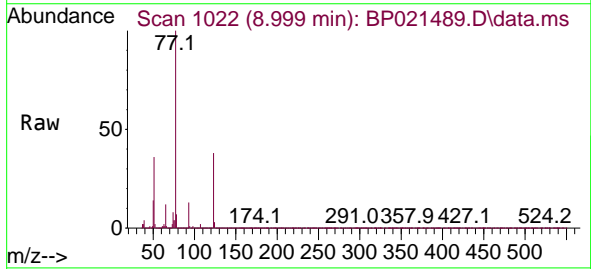
Tgt Ion: 82 Resp: 3463320
 Ion Ratio Lower Upper
 82 100
 128 34.4 26.5 39.7
 54 38.1 30.3 45.5

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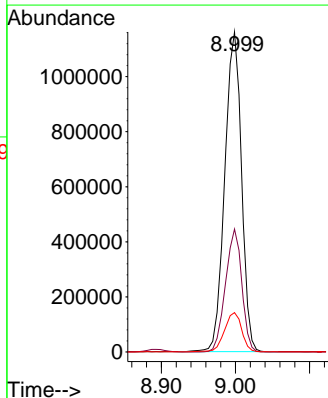
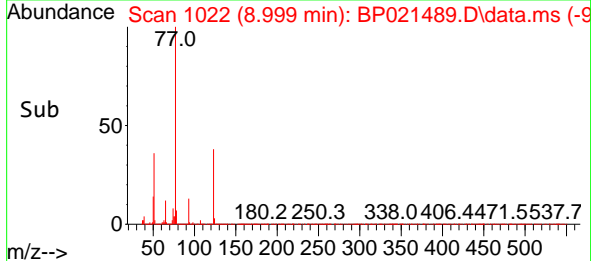
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

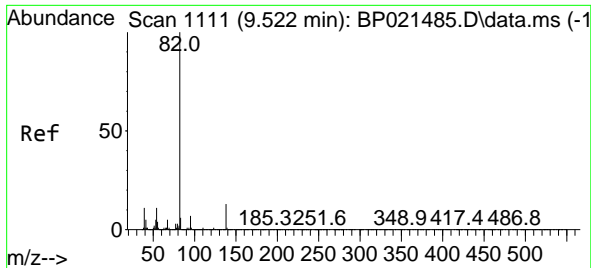


#24
 Nitrobenzene
 Concen: 43.244 ng
 RT: 8.999 min Scan# 1022
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



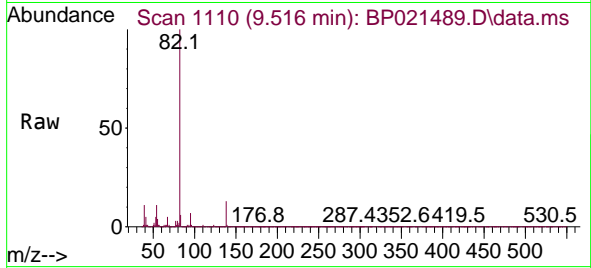
Tgt Ion: 77 Resp: 1820293
 Ion Ratio Lower Upper
 77 100
 123 38.4 29.5 44.3
 65 12.3 9.9 14.9





#25
 Isophorone
 Concen: 40.700 ng
 RT: 9.516 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

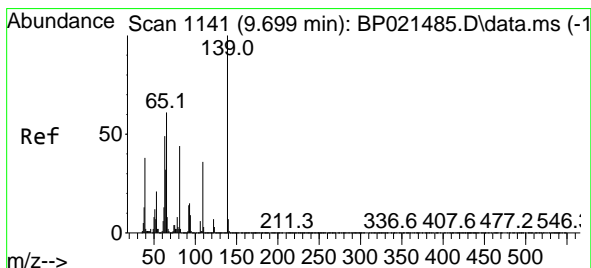
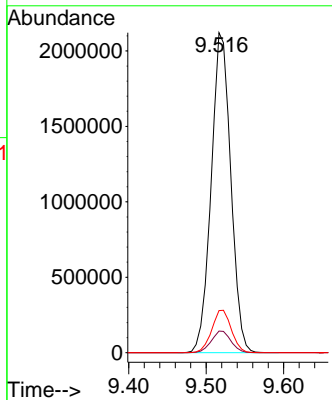
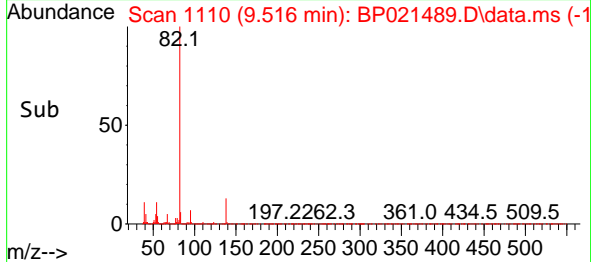
Instrument : BNA_P
 Client Sample Id : ICVBP081324



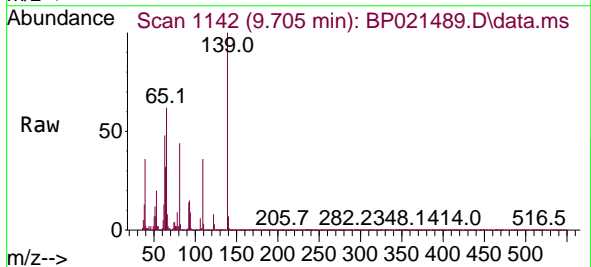
Tgt Ion: 82 Resp: 3726490
 Ion Ratio Lower Upper
 82 100
 95 6.7 5.4 8.2
 138 13.1 10.6 16.0

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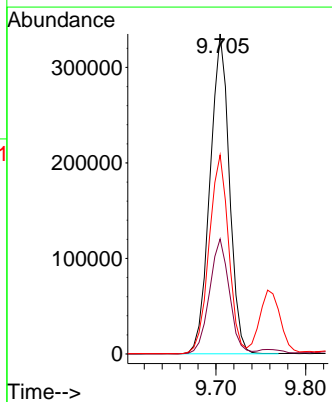
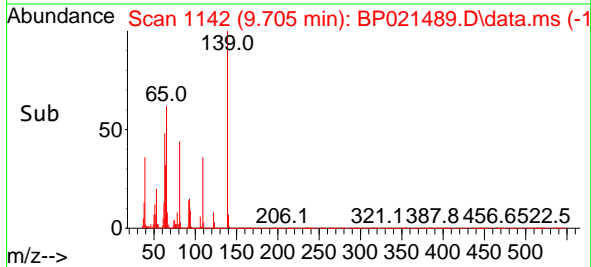
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

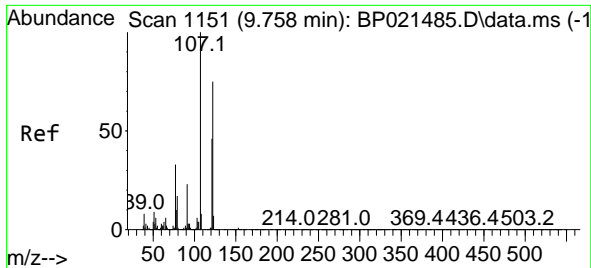


#26
 2-Nitrophenol
 Concen: 47.780 ng
 RT: 9.705 min Scan# 1142
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



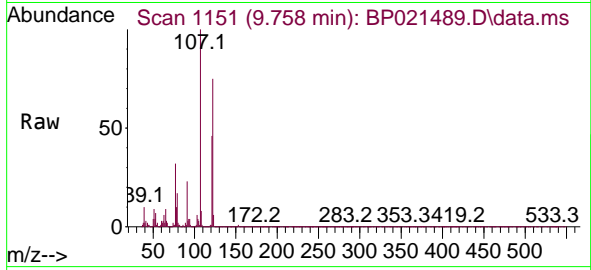
Tgt Ion:139 Resp: 501343
 Ion Ratio Lower Upper
 139 100
 109 35.9 28.9 43.3
 65 62.2 49.0 73.6





#27
 2,4-Dimethylphenol
 Concen: 41.179 ng
 RT: 9.758 min Scan# 1151
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

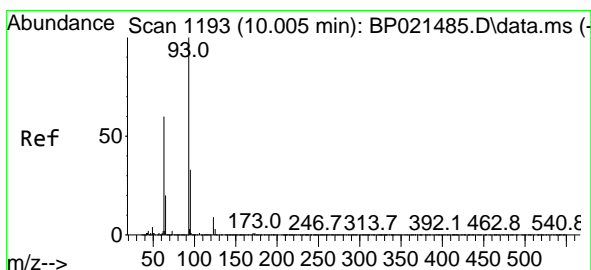
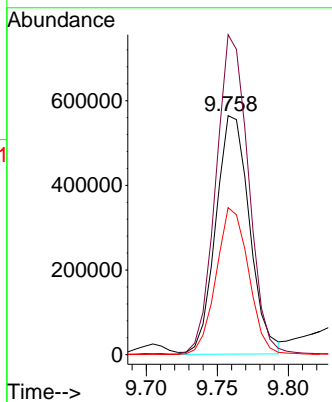
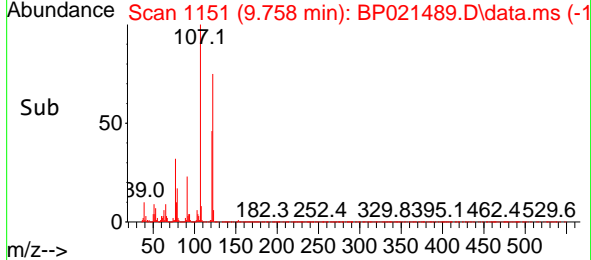
Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081324



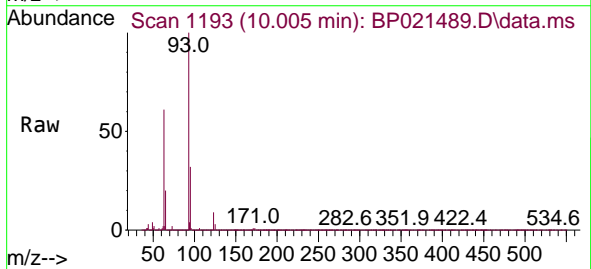
Tgt Ion: 122 Resp: 930478
 Ion Ratio Lower Upper
 122 100
 107 133.8 106.2 159.4
 121 61.5 48.8 73.2

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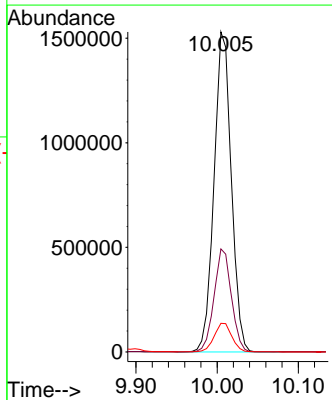
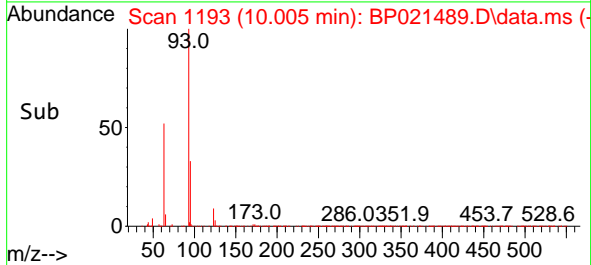
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

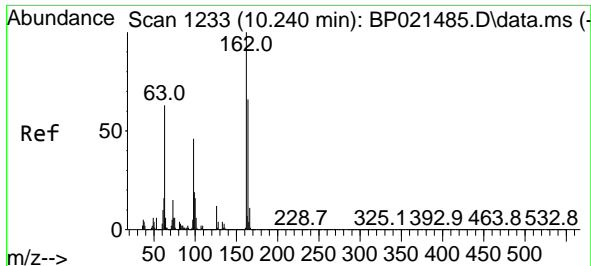


#28
 bis(2-Chloroethoxy)methane
 Concen: 40.438 ng
 RT: 10.005 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion: 93 Resp: 2260063
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.2 39.4
 123 8.9 7.6 11.4





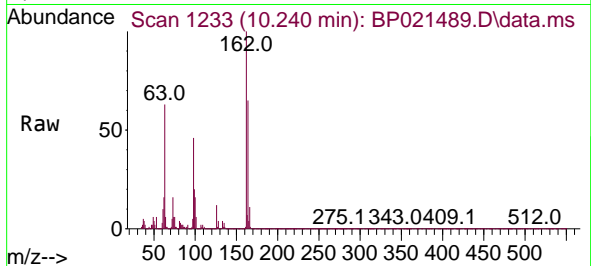
#29
 2,4-Dichlorophenol
 Concen: 43.442 ng
 RT: 10.240 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument :

BNA_P

ClientSampleId :

ICVBP081324



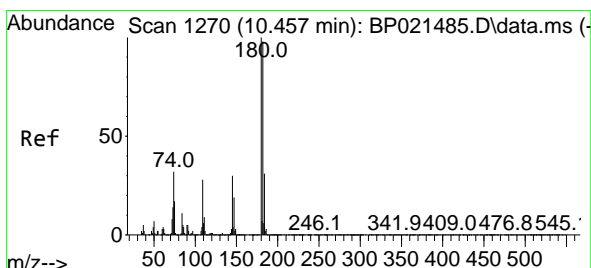
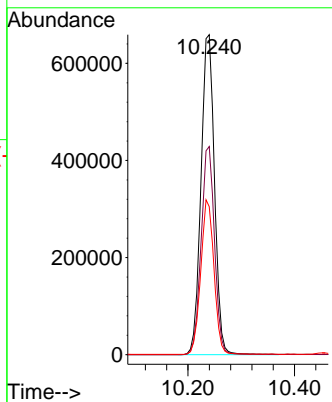
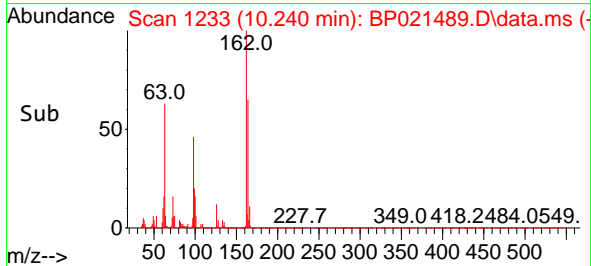
Tgt Ion:162 Resp: 115980

Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.9	85.9
98	46.3	26.3	66.3

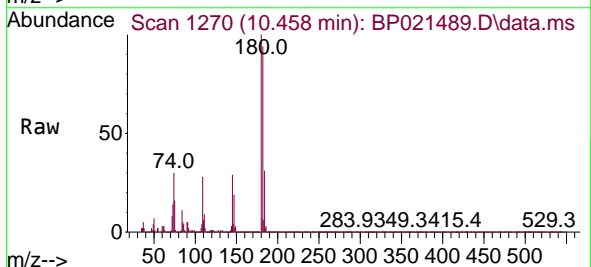
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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024

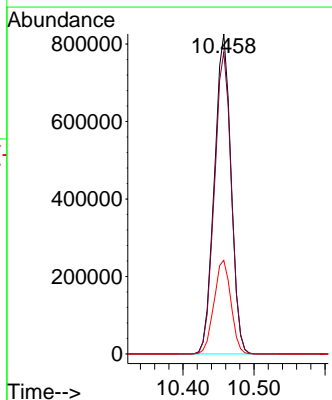
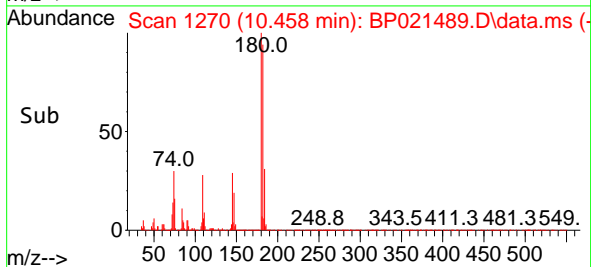


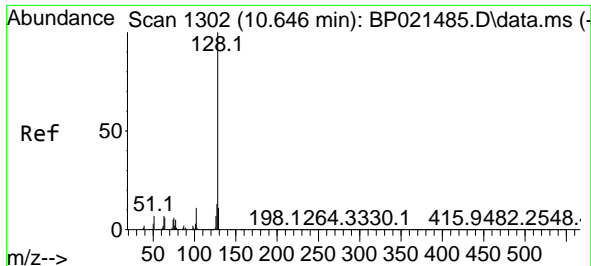
#30
 1,2,4-Trichlorobenzene
 Concen: 39.146 ng
 RT: 10.458 min Scan# 1270
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion:180 Resp: 1339874

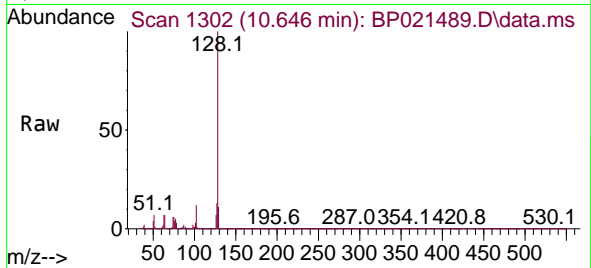
Ion	Ratio	Lower	Upper
180	100		
182	94.4	78.3	117.5
145	29.3	24.0	36.0





#31
 Naphthalene
 Concen: 39.629 ng
 RT: 10.646 min Scan# 1117
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

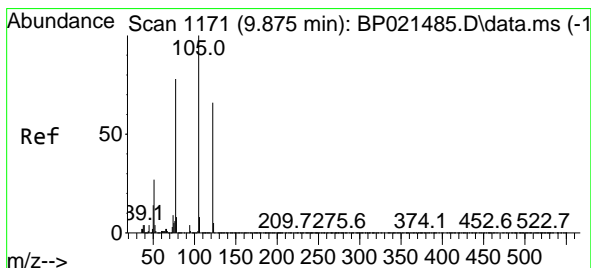
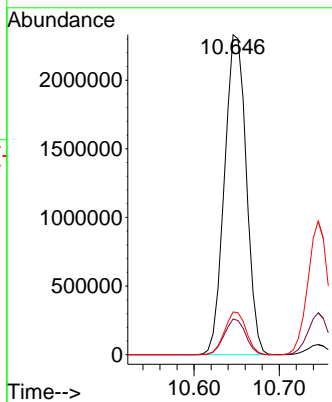
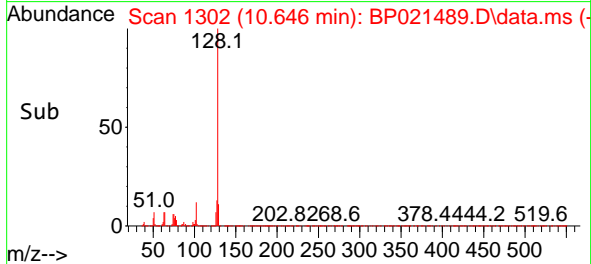
Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324



Tgt Ion:128 Resp: 414129
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.6 12.8
 127 13.3 10.6 15.8

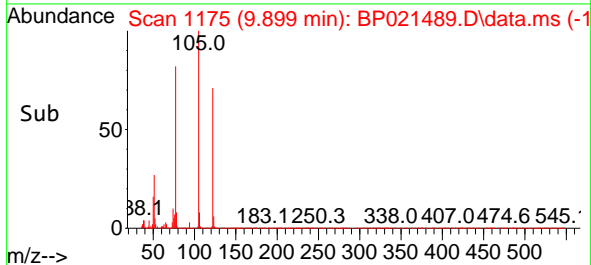
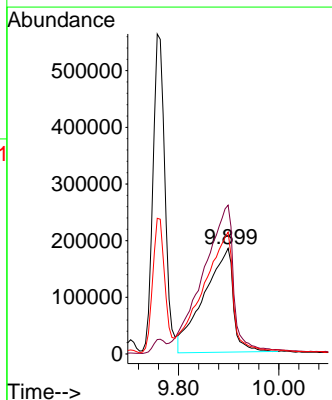
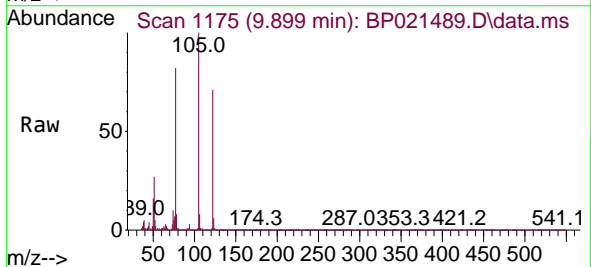
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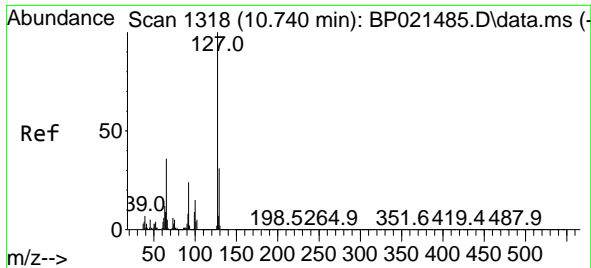
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#32
 Benzoic acid
 Concen: 49.839 ng
 RT: 9.899 min Scan# 1175
 Delta R.T. 0.024 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

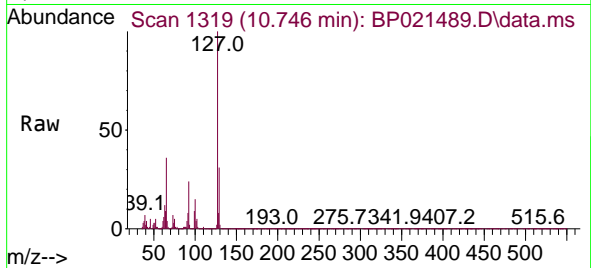
Tgt Ion:122 Resp: 747114
 Ion Ratio Lower Upper
 122 100
 105 141.1 124.6 164.6
 77 115.3 96.2 136.2





#33
 4-Chloroaniline
 Concen: 40.617 ng
 RT: 10.746 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324

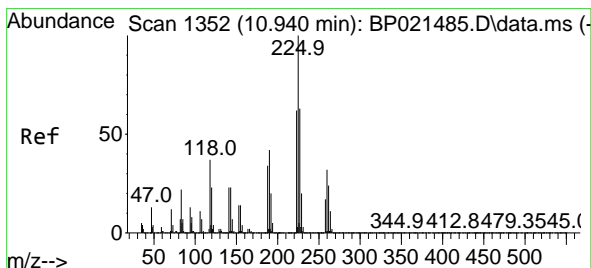
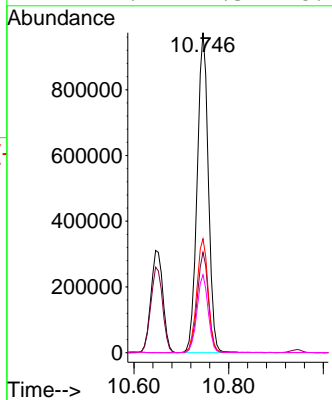
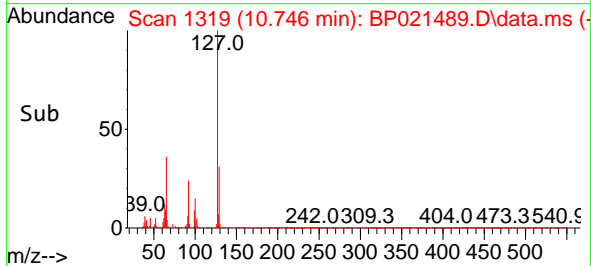


Tgt Ion: 127 Resp: 159438

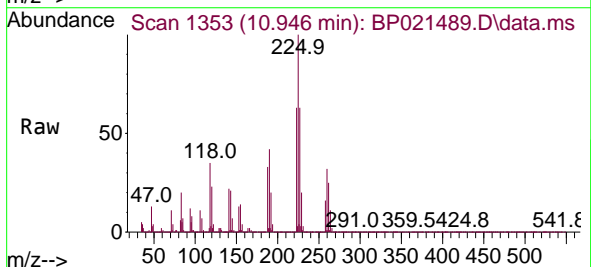
Ion	Ratio	Lower	Upper
127	100		
129	31.4	24.5	36.7
65	35.6	28.9	43.3
92	24.4	19.3	28.9

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 Supervised By :mohammad ahmed 08/14/2024

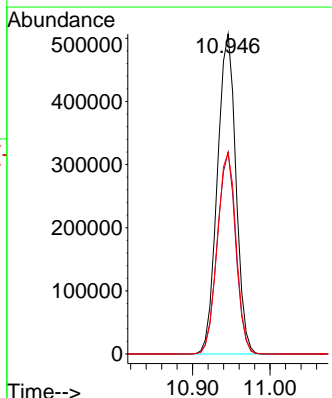
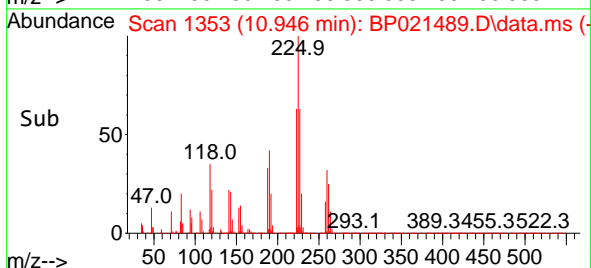


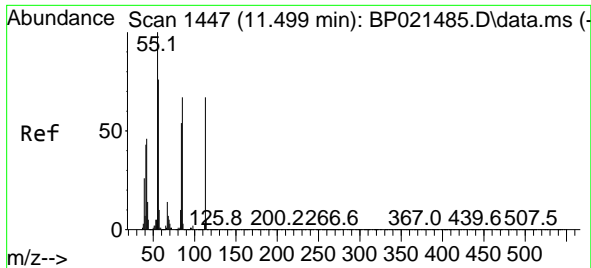
#34
 Hexachlorobutadiene
 Concen: 39.102 ng
 RT: 10.946 min Scan# 1353
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion: 225 Resp: 842702

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.6	74.4
227	62.9	50.1	75.1





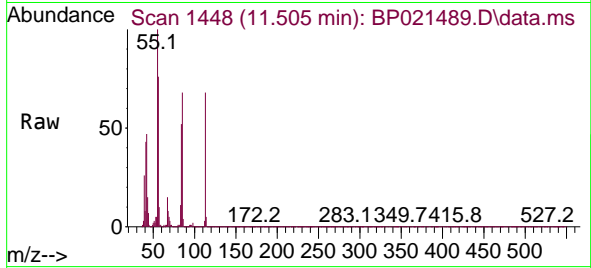
#35
 Caprolactam
 Concen: 41.786 ng
 RT: 11.505 min Scan# 1447
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument :

BNA_P

Client Sample Id :

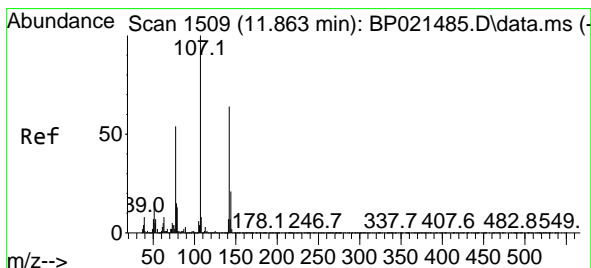
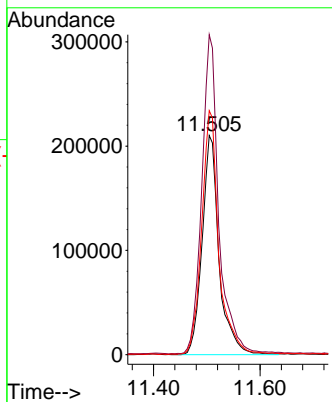
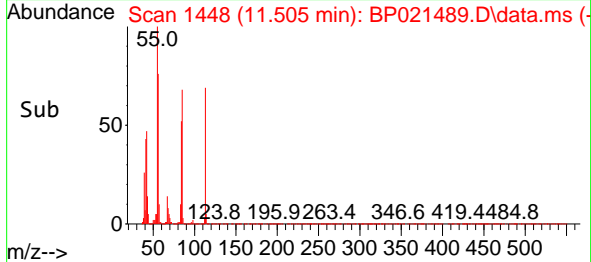
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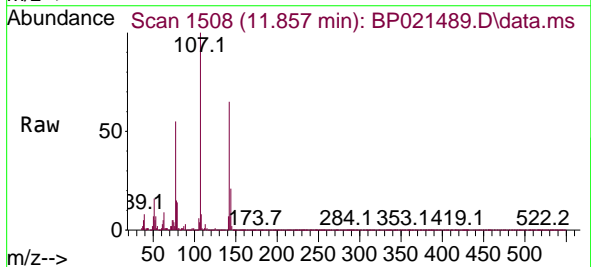
Tgt Ion:113 Resp: 46434
 Ion Ratio Lower Upper
 113 100
 55 146.0 130.6 170.6
 56 111.3 94.6 134.6

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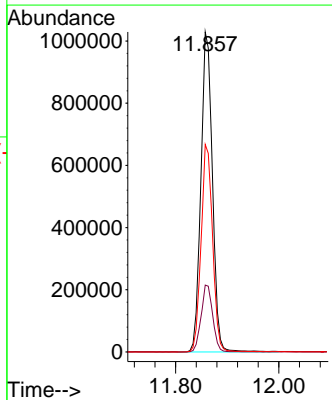
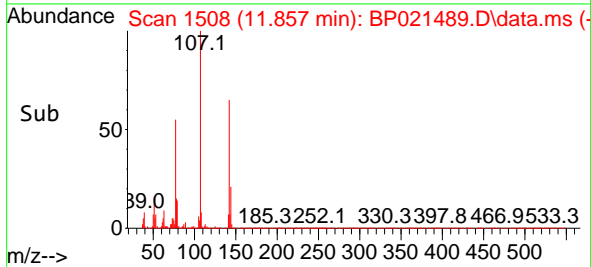
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

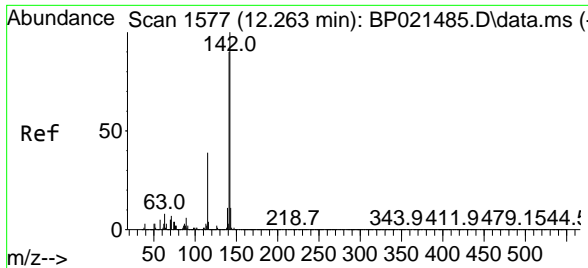


#36
 4-Chloro-3-methylphenol
 Concen: 42.987 ng
 RT: 11.857 min Scan# 1508
 Delta R.T. -0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



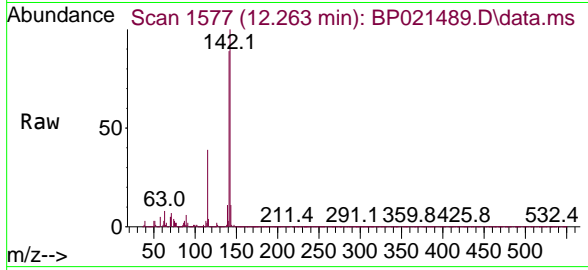
Tgt Ion:107 Resp: 1591956
 Ion Ratio Lower Upper
 107 100
 144 20.9 16.6 24.8
 142 64.9 51.0 76.4





#37
 2-Methylnaphthalene
 Concen: 40.412 ng
 RT: 12.263 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

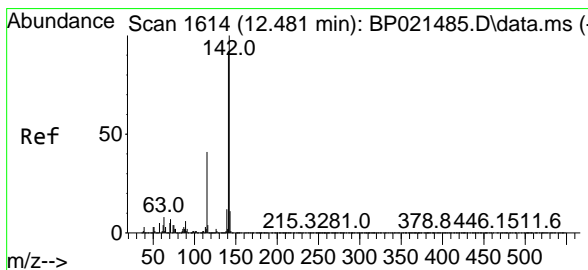
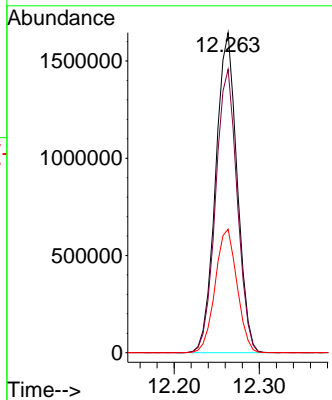
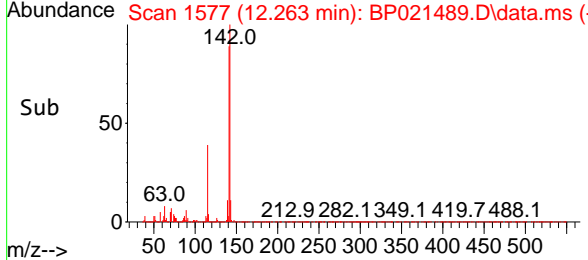
Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324



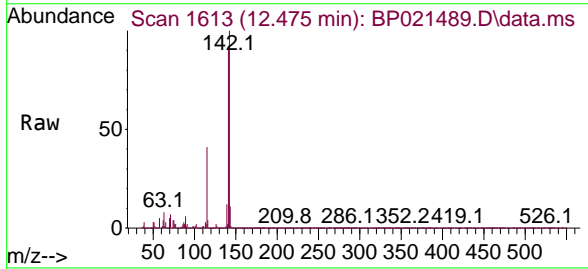
Tgt Ion:142 Resp: 288223
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.7 107.5
 115 38.6 31.4 47.2

Manual Integrations
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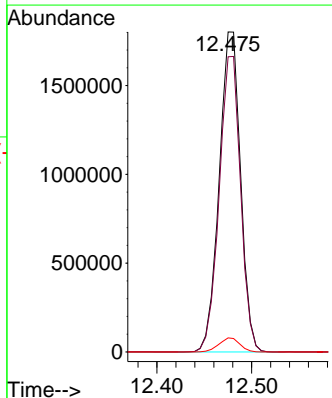
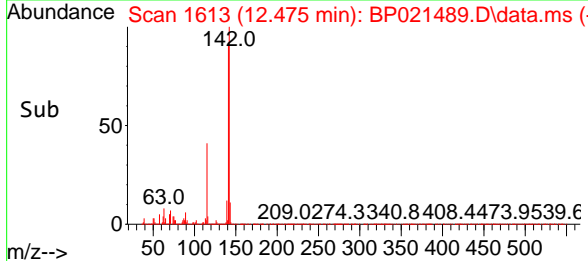
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

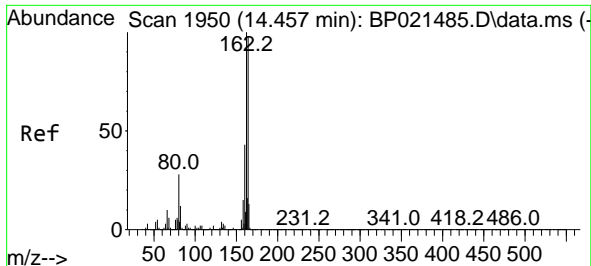


#38
 1-Methylnaphthalene
 Concen: 40.173 ng
 RT: 12.475 min Scan# 1613
 Delta R.T. -0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion:142 Resp: 2825877
 Ion Ratio Lower Upper
 142 100
 141 92.3 73.5 110.3
 116 4.4 3.4 5.2





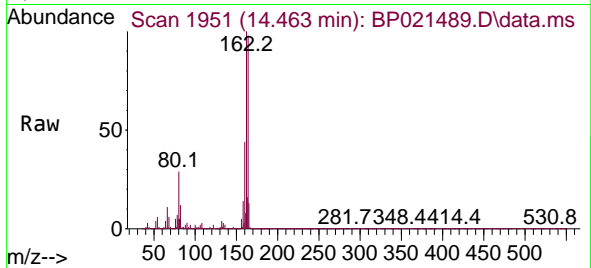
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.463 min Scan# 1951
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument :

BNA_P

Client Sample Id :

ICVBP081324



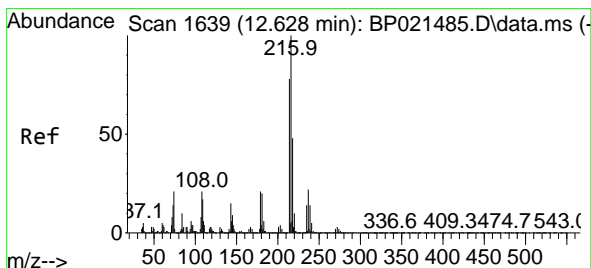
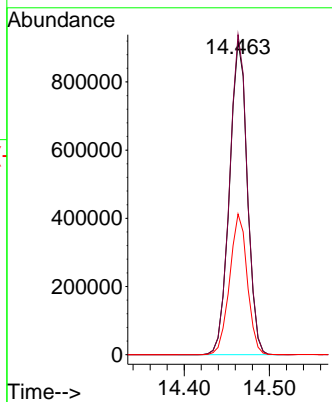
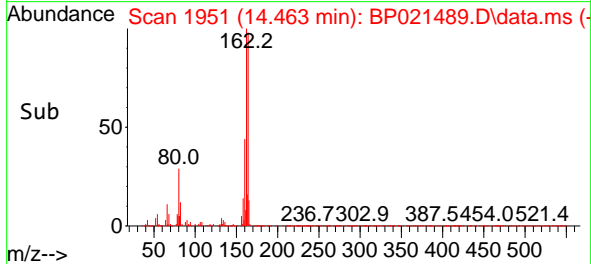
Tgt Ion:164 Resp: 1334240
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.5 122.3
 160 44.9 35.2 52.8

Manual Integrations

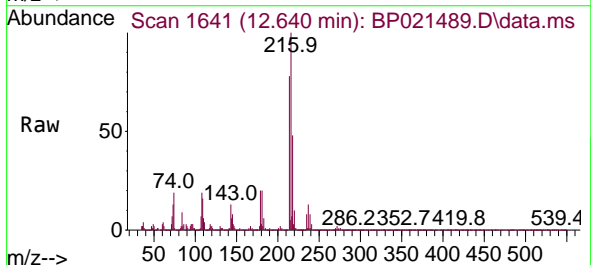
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

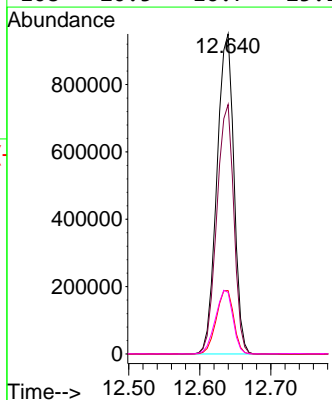
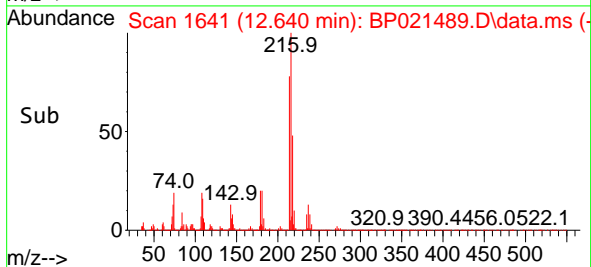
Supervised By :mohammad ahmed 08/14/2024

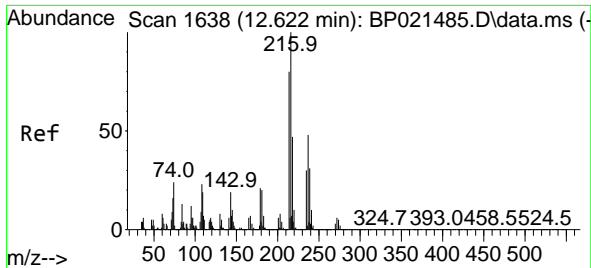


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.261 ng
 RT: 12.640 min Scan# 1641
 Delta R.T. 0.012 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion:216 Resp: 1573947
 Ion Ratio Lower Upper
 216 100
 214 77.9 62.5 93.7
 179 20.3 16.4 24.6
 108 20.5 16.7 25.1





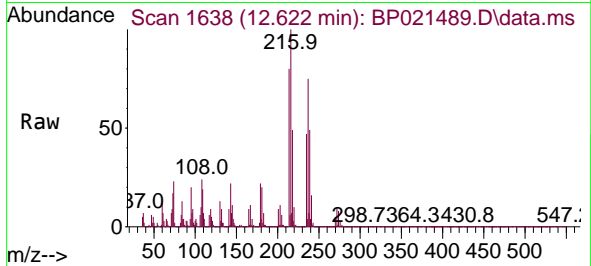
#41
 Hexachlorocyclopentadiene
 Concen: 43.183 ng
 RT: 12.622 min Scan# 1638
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument :

BNA_P

Client Sample Id :

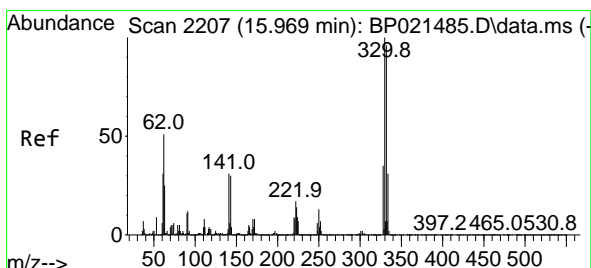
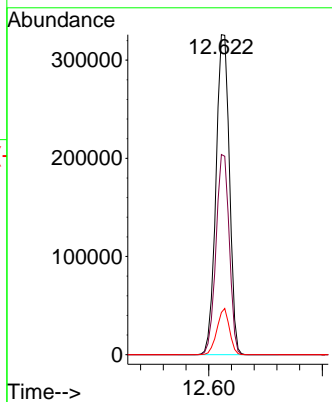
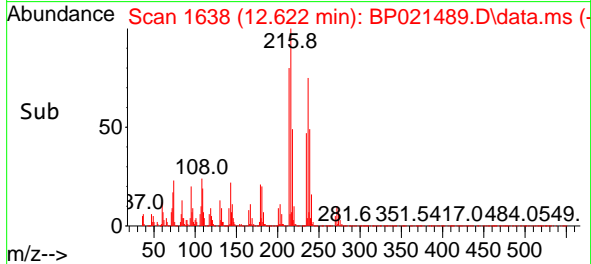
ICVBP081324



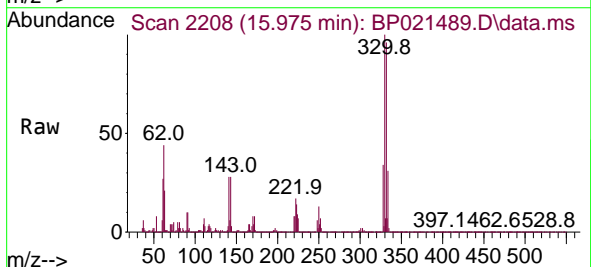
Tgt Ion: 237 Resp: 535050
 Ion Ratio Lower Upper
 237 100
 235 62.6 43.9 83.9
 272 13.2 0.0 33.3

Manual Integrations
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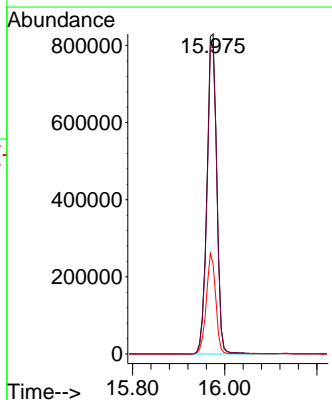
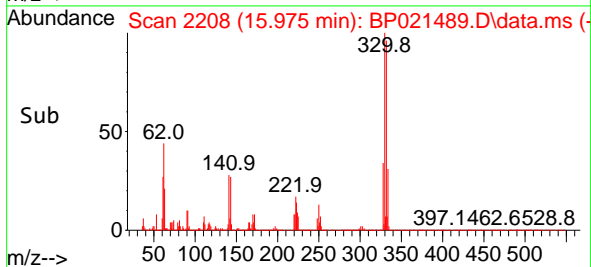
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

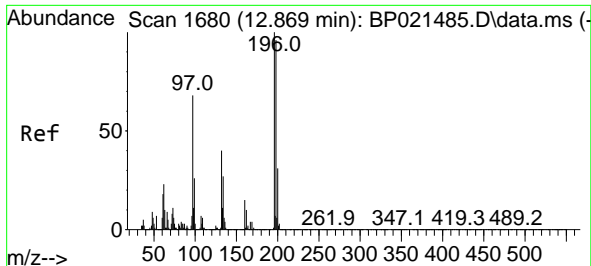


#42
 2,4,6-Tribromophenol
 Concen: 83.477 ng
 RT: 15.975 min Scan# 2208
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion: 330 Resp: 1239599
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.0
 141 30.2 24.5 36.7





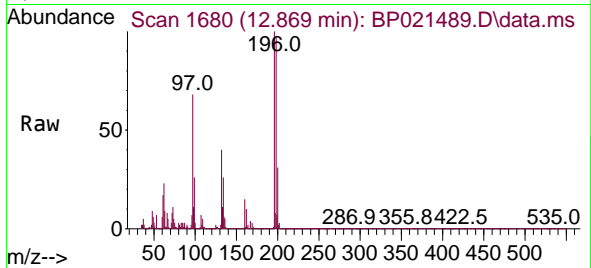
#43
 2,4,6-Trichlorophenol
 Concen: 44.249 ng
 RT: 12.869 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument :

BNA_P

Client SampleId :

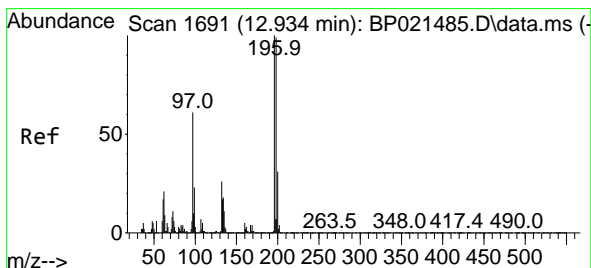
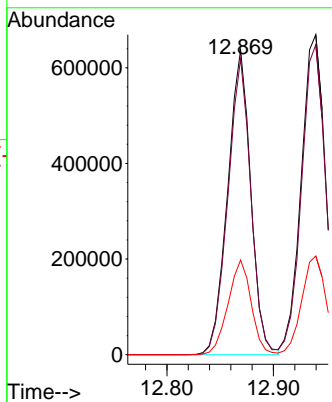
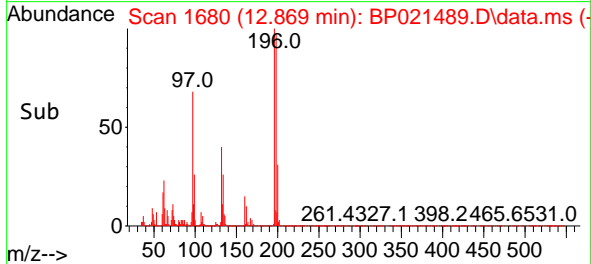
ICVBP081324



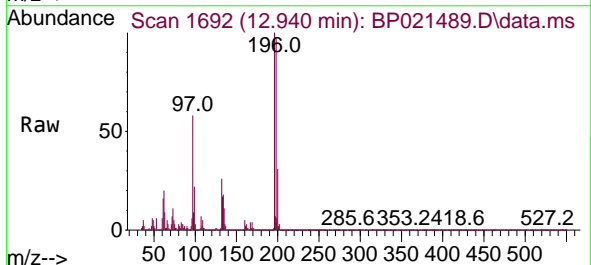
Tgt Ion:196 Resp: 960914
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.6 114.8
 200 31.1 24.5 36.7

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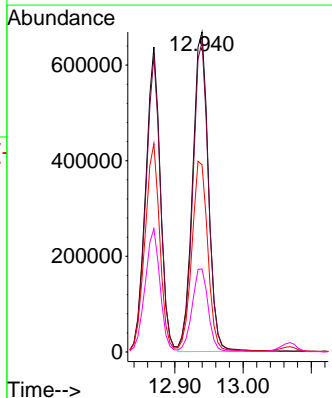
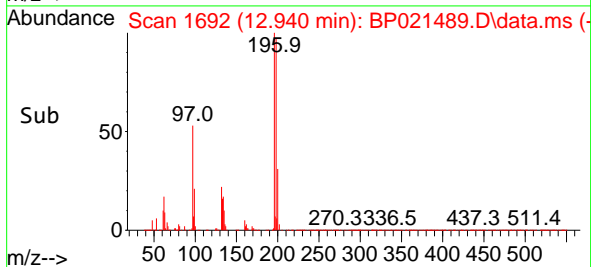
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

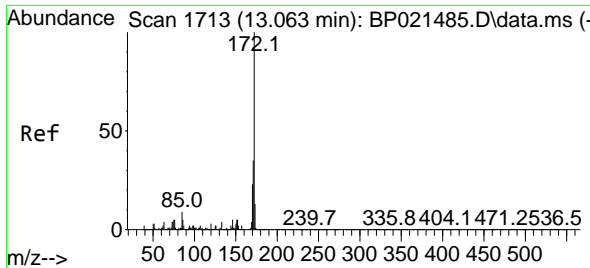


#44
 2,4,5-Trichlorophenol
 Concen: 44.396 ng
 RT: 12.940 min Scan# 1692
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



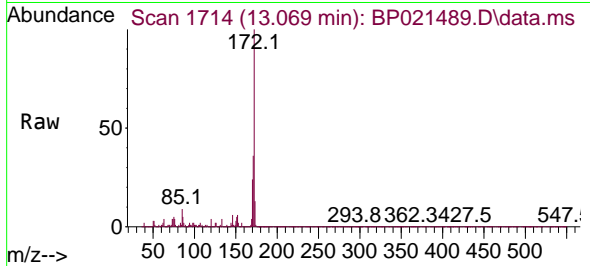
Tgt Ion:196 Resp: 1071161
 Ion Ratio Lower Upper
 196 100
 198 96.9 78.9 118.3
 97 58.5 49.4 74.0
 132 25.9 21.1 31.7





#45
 2-Fluorobiphenyl
 Concen: 78.649 ng
 RT: 13.069 min Scan# 1713
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument : BNA_P
 Client Sample Id : ICVBP081324

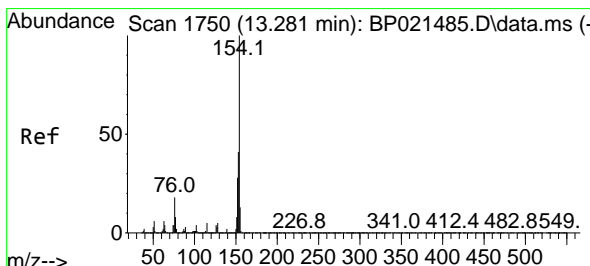
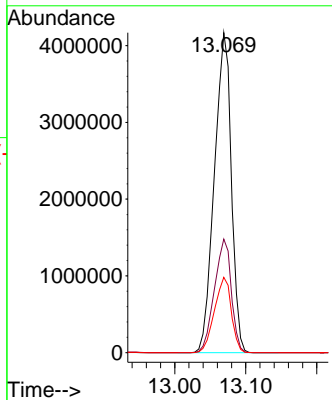
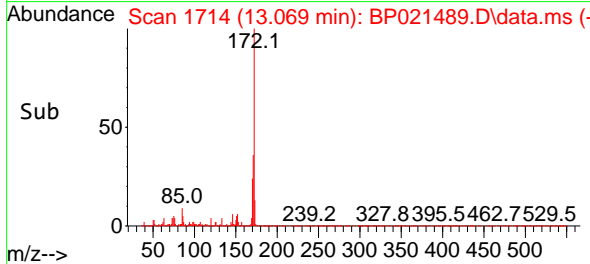


Tgt Ion: 172 Resp: 687586

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.4
170	23.6	18.4	27.6

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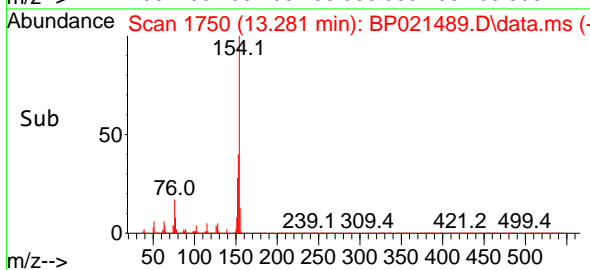
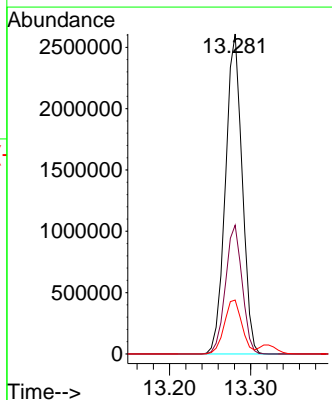
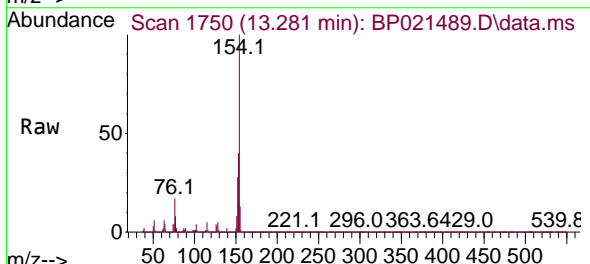
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

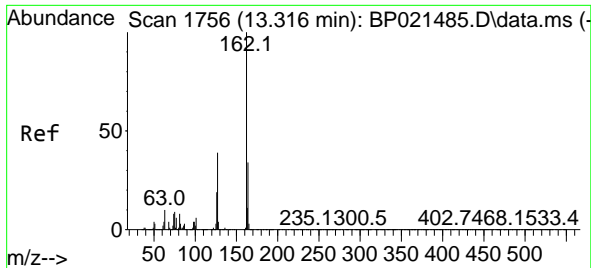


#46
 1,1'-Biphenyl
 Concen: 39.542 ng
 RT: 13.281 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Tgt Ion: 154 Resp: 3732699

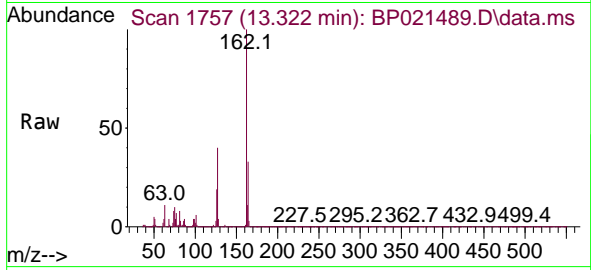
Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.7	60.7
76	16.9	0.0	37.7





#47
 2-Chloronaphthalene
 Concen: 39.695 ng
 RT: 13.322 min Scan# 1757
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

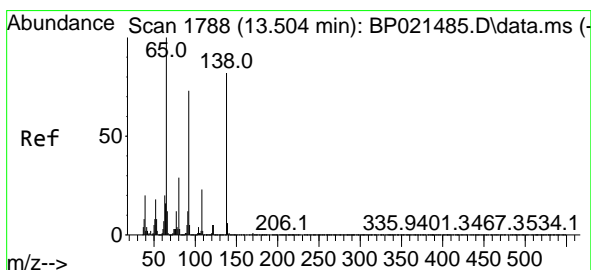
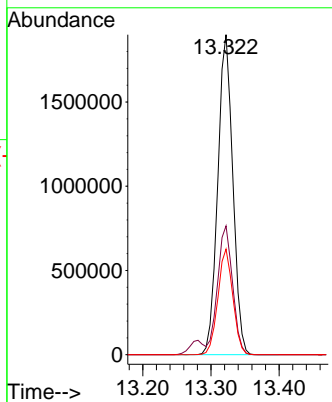
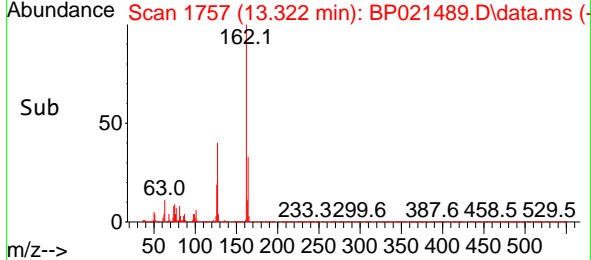
Instrument : BNA_P
 Client Sample Id : ICVBP081324



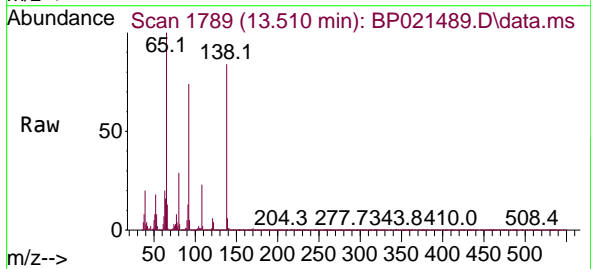
Tgt Ion: 162 Resp: 291730
 Ion Ratio Lower Upper
 162 100
 127 40.2 31.9 47.9
 164 33.0 26.8 40.2

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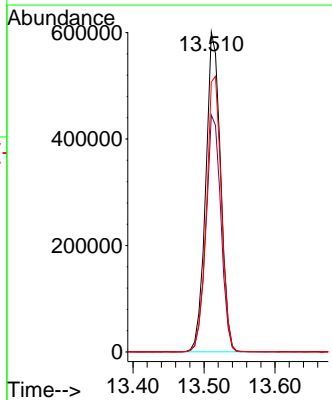
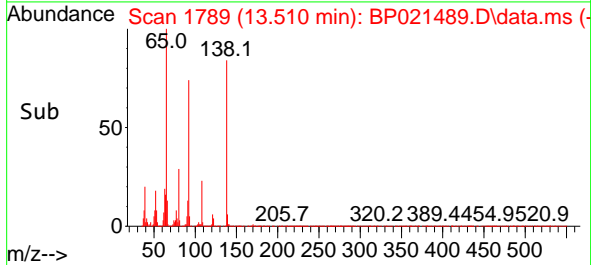
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

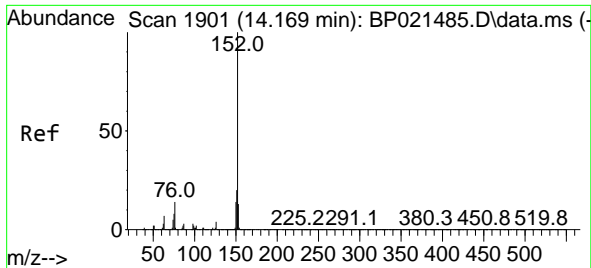


#48
 2-Nitroaniline
 Concen: 43.044 ng
 RT: 13.510 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



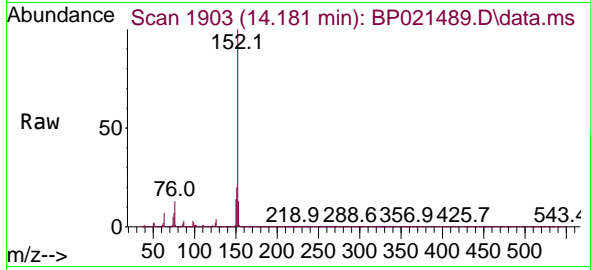
Tgt Ion: 65 Resp: 874355
 Ion Ratio Lower Upper
 65 100
 92 74.0 58.1 87.1
 138 84.4 65.5 98.3





#49
 Acenaphthylene
 Concen: 39.531 ng
 RT: 14.181 min Scan# 1903
 Delta R.T. 0.012 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

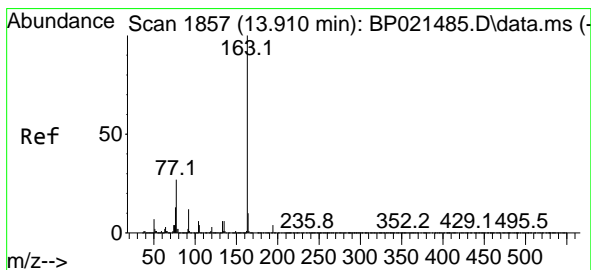
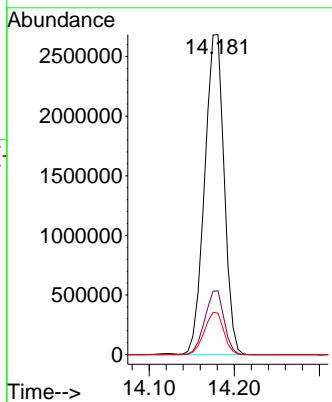
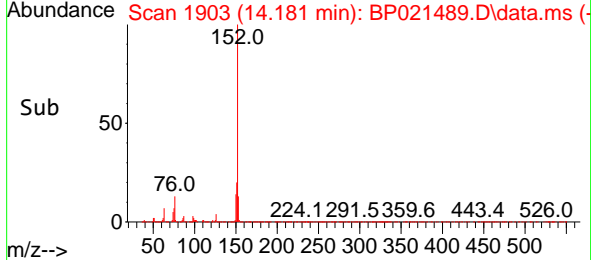
Instrument : BNA_P
 Client Sample Id : ICVBP081324



Tgt Ion: 152 Resp: 427089
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.9 23.9
 153 13.0 10.6 16.0

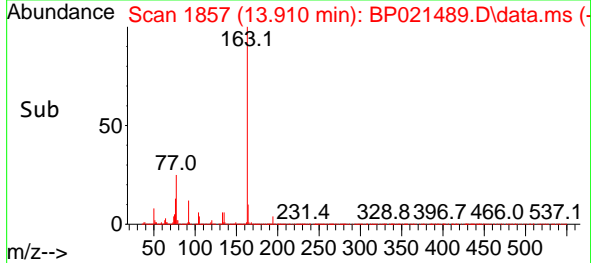
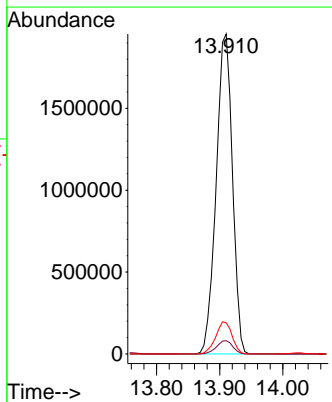
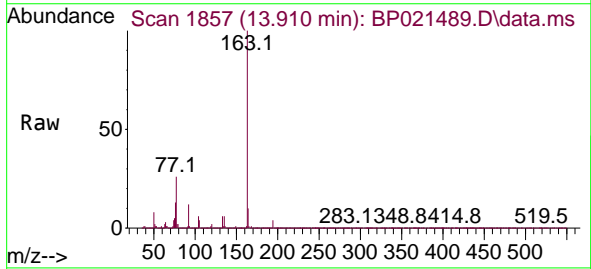
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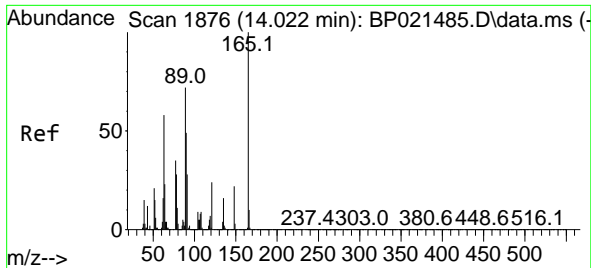
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#50
 Dimethylphthalate
 Concen: 39.127 ng
 RT: 13.910 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

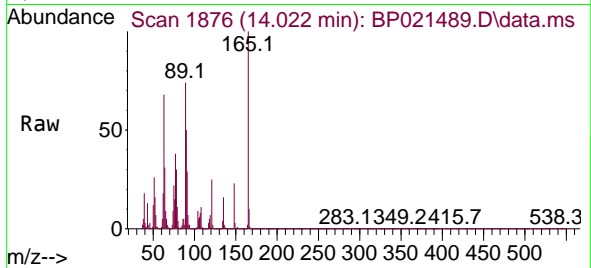
Tgt Ion: 163 Resp: 3496130
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.3 4.9
 164 9.7 8.3 12.5





#51
 2,6-Dinitrotoluene
 Concen: 41.424 ng
 RT: 14.022 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument : BNA_P
 Client Sample Id : ICVBP081324

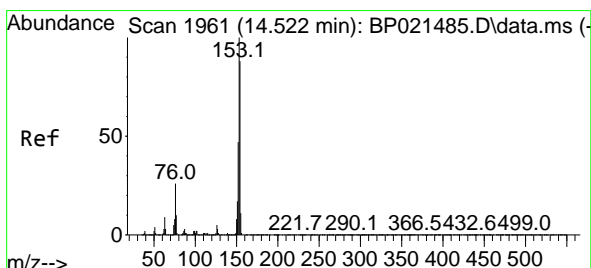
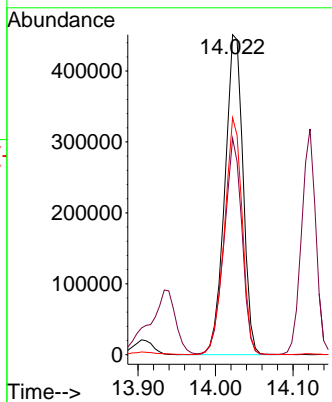
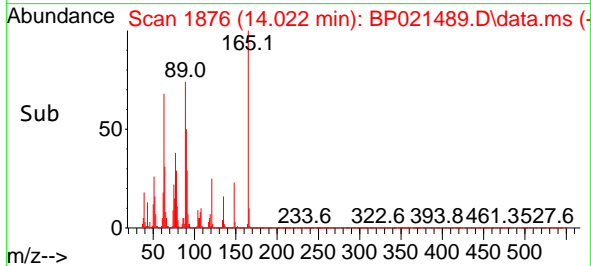


Tgt Ion:165 Resp: 735994

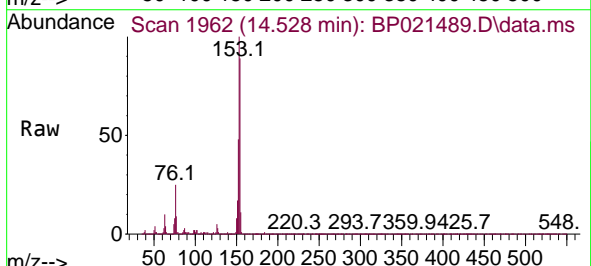
Ion	Ratio	Lower	Upper
165	100		
63	67.6	51.5	77.3
89	74.0	57.8	86.8

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 Supervised By :mohammad ahmed 08/14/2024

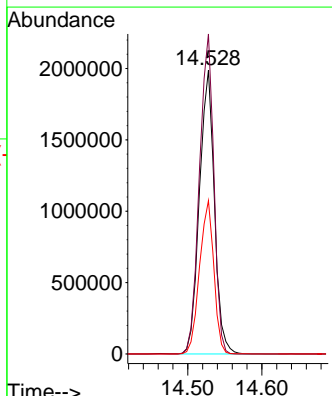
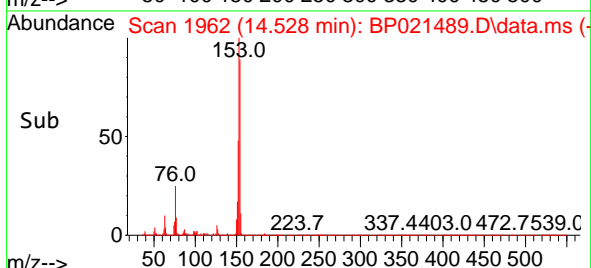


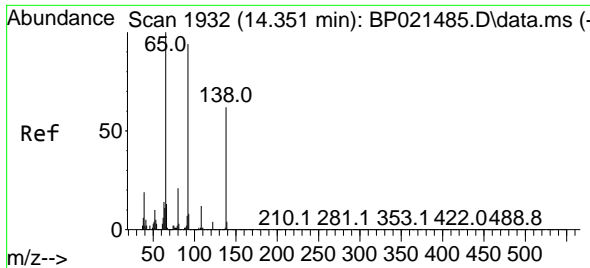
#52
 Acenaphthene
 Concen: 39.366 ng
 RT: 14.528 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion:154 Resp: 2790584

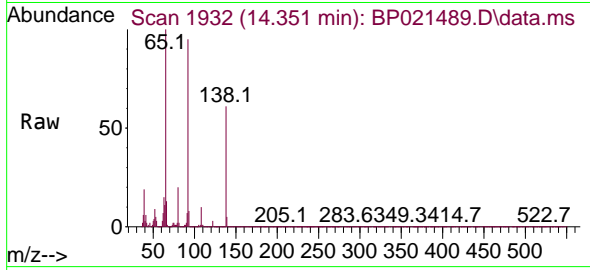
Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.1	136.7
152	54.0	43.0	64.4





#53
 3-Nitroaniline
 Concen: 40.483 ng
 RT: 14.351 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

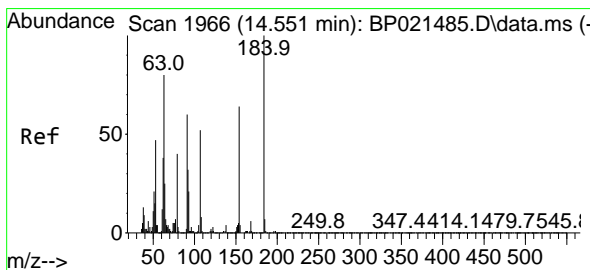
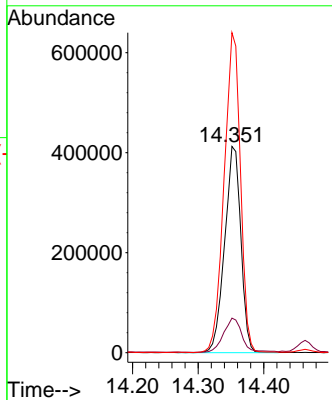
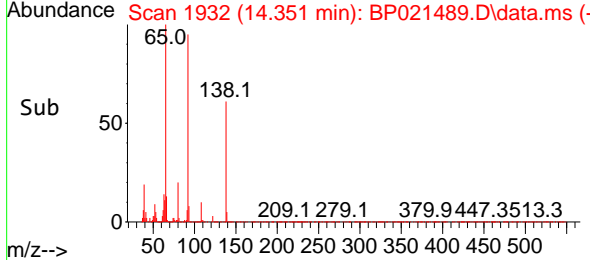
Instrument : BNA_P
 Client Sample Id : ICVBP081324



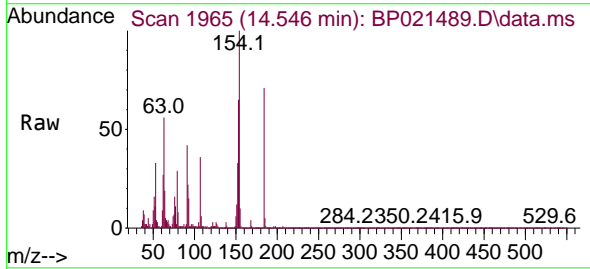
Tgt Ion: 138 Resp: 705420
 Ion Ratio Lower Upper
 138 100
 108 16.7 16.2 24.4
 92 155.2 122.2 183.4

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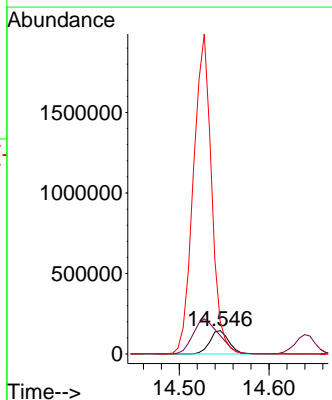
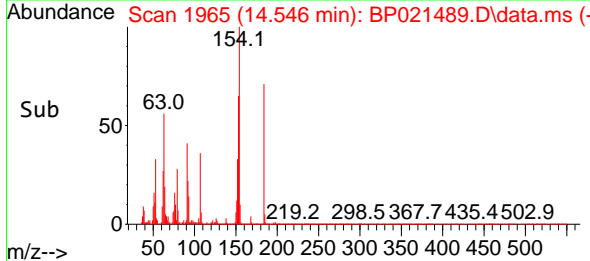
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

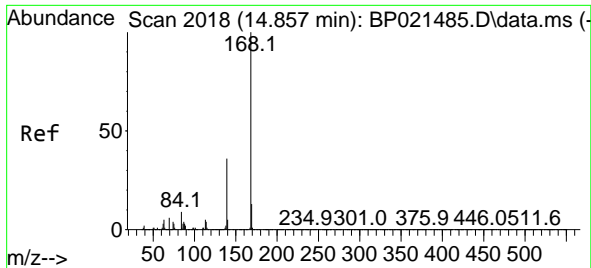


#54
 2,4-Dinitrophenol
 Concen: 45.065 ng
 RT: 14.546 min Scan# 1965
 Delta R.T. -0.005 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



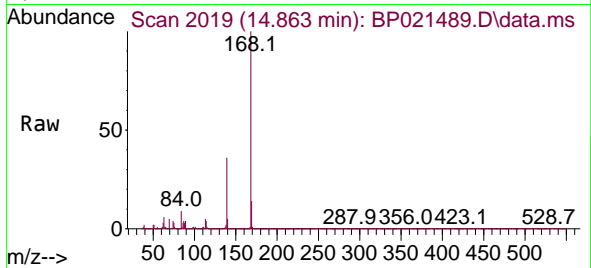
Tgt Ion: 184 Resp: 215120
 Ion Ratio Lower Upper
 184 100
 63 79.1 64.9 97.3
 154 140.5 52.1 78.1#





#55
 Dibenzofuran
 Concen: 38.543 ng
 RT: 14.863 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

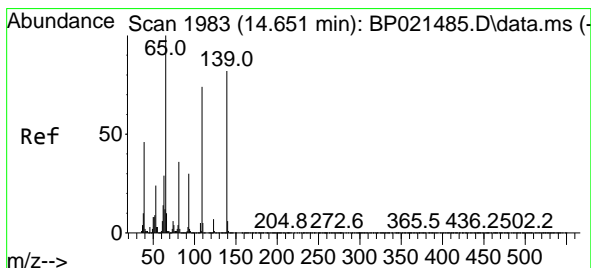
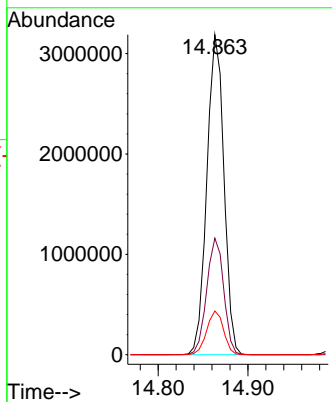
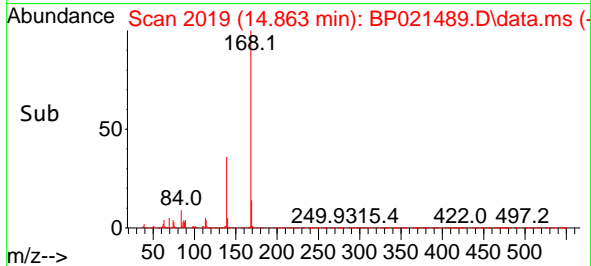
Instrument : BNA_P
 Client Sample Id : ICVBP081324



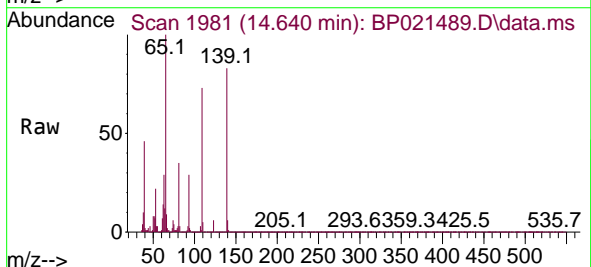
Tgt Ion:168 Resp: 4202990
 Ion Ratio Lower Upper
 168 100
 139 36.4 28.6 43.0
 169 13.6 10.6 16.0

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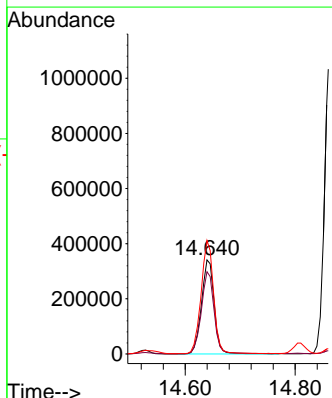
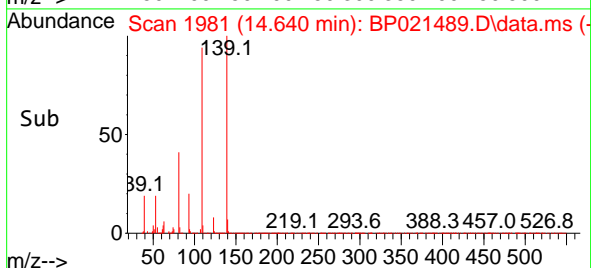
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

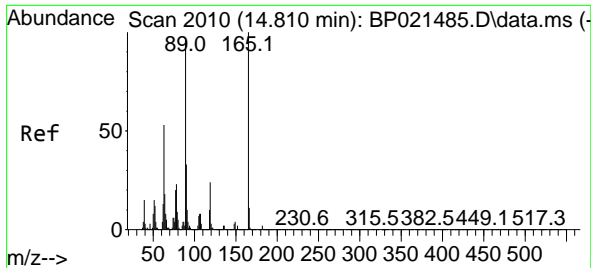


#56
 4-Nitrophenol
 Concen: 39.582 ng
 RT: 14.640 min Scan# 1981
 Delta R.T. -0.011 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



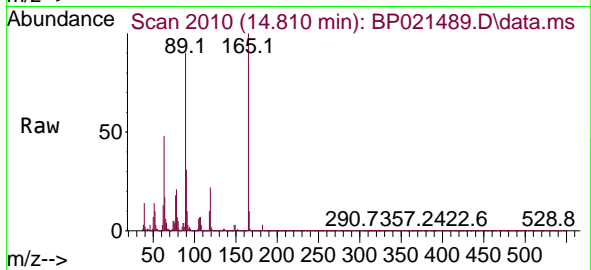
Tgt Ion:139 Resp: 545969
 Ion Ratio Lower Upper
 139 100
 109 87.4 70.2 110.2
 65 120.5 101.8 141.8





#57
 2,4-Dinitrotoluene
 Concen: 40.864 ng
 RT: 14.810 min Scan# 2010
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument : BNA_P
 Client Sample Id : ICVBP081324

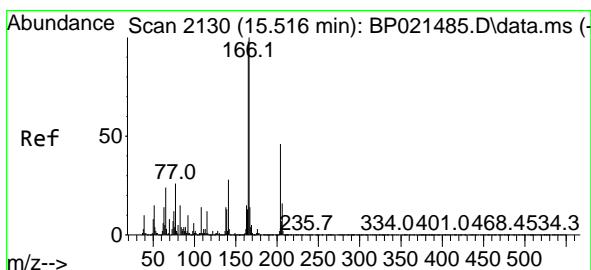
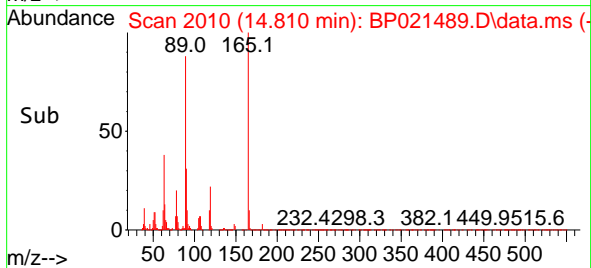
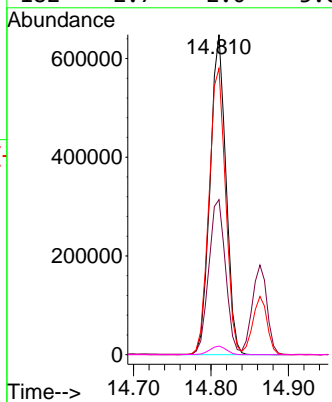


Tgt Ion: 165 Resp: 917790

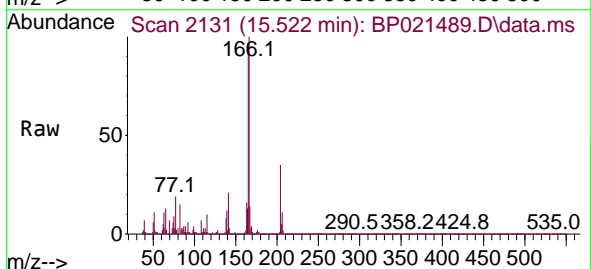
Ion	Ratio	Lower	Upper
165	100		
63	48.5	42.5	63.7
89	89.5	77.1	115.7
182	2.7	2.0	3.0

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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

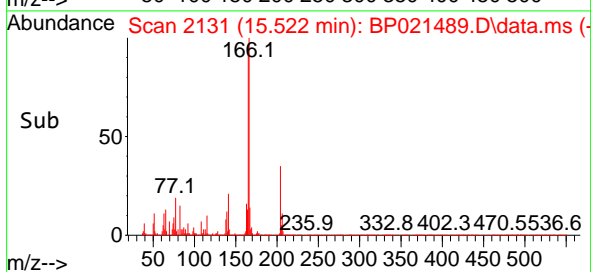
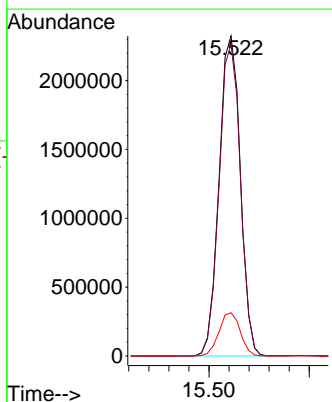


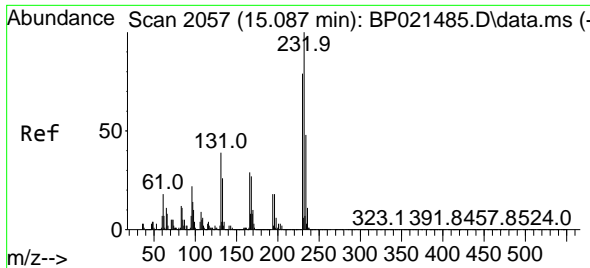
#58
 Fluorene
 Concen: 38.055 ng
 RT: 15.522 min Scan# 2131
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion: 166 Resp: 3409197

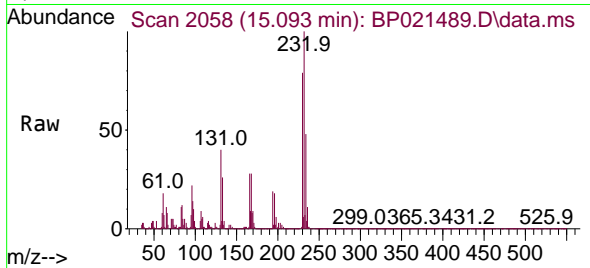
Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.1	117.1
167	13.5	11.0	16.4





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.310 ng
 RT: 15.093 min Scan# 2058
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument : BNA_P
 Client Sample Id : ICVBP081324

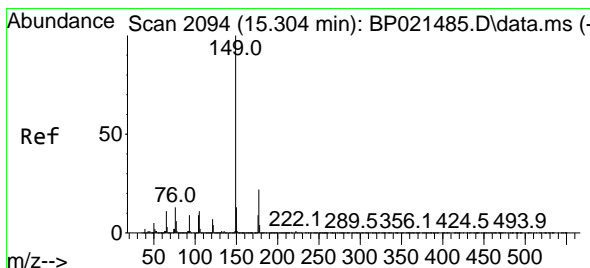
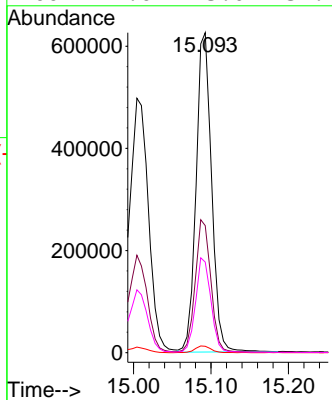
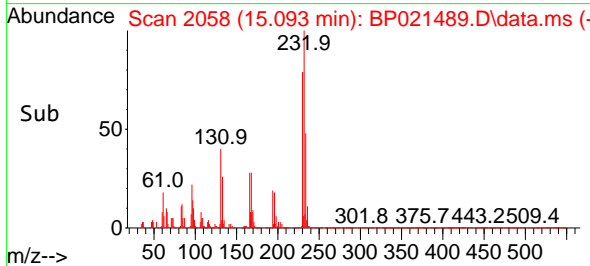


Tgt Ion: 232 Resp: 86645

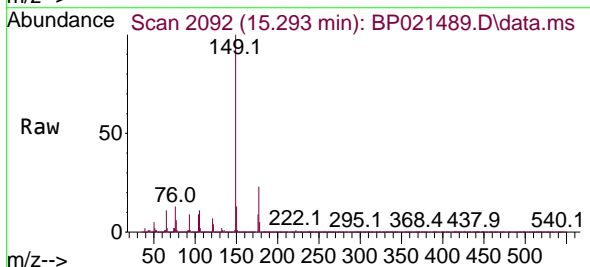
Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.1	49.7
130	2.2	1.7	2.5
166	29.6	23.0	34.4

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

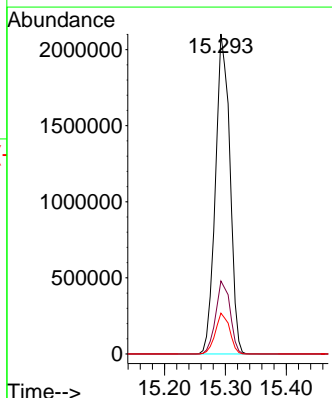
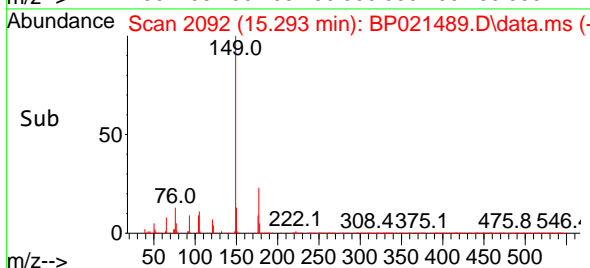


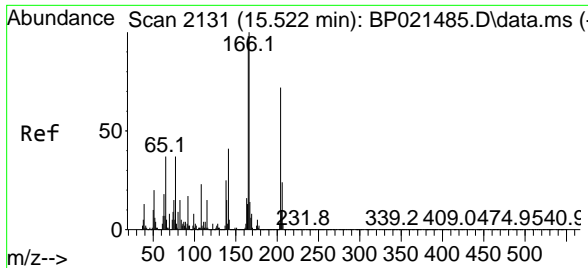
#60
 Diethylphthalate
 Concen: 37.752 ng
 RT: 15.293 min Scan# 2092
 Delta R.T. -0.012 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion: 149 Resp: 3461071

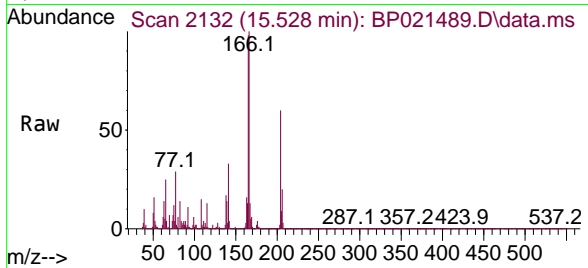
Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.8	26.8
150	12.7	10.1	15.1





#61
 4-Chlorophenyl-phenylether
 Concen: 38.777 ng
 RT: 15.528 min Scan# 2132
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

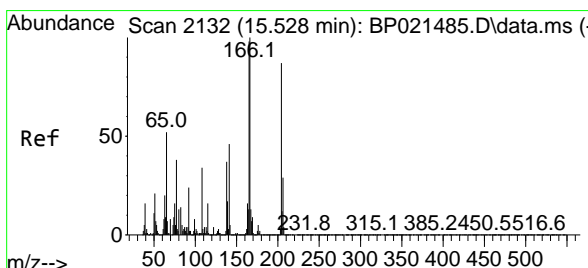
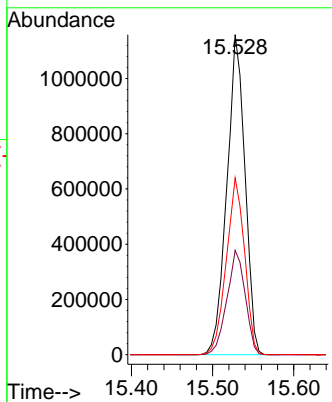
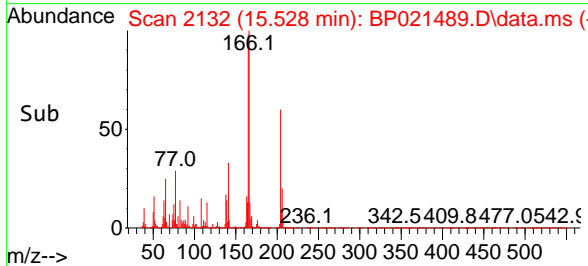
Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324



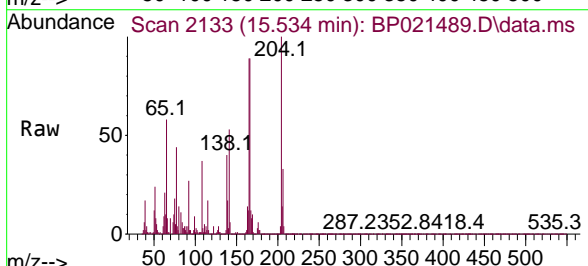
Tgt Ion: 204 Resp: 179566
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.4 39.6
 141 55.3 46.1 69.1

Manual Integrations
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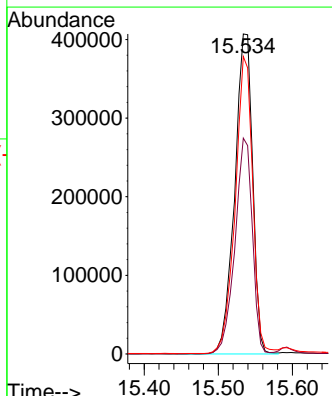
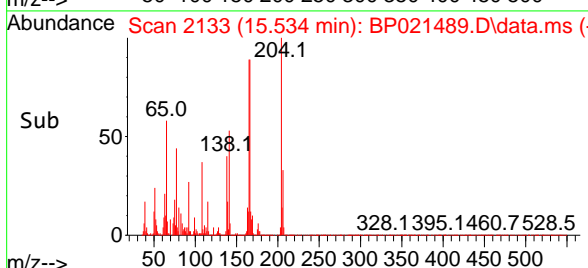
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

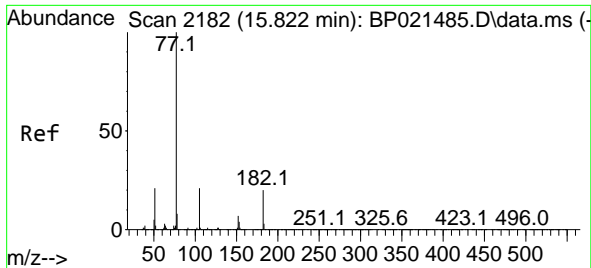


#62
 4-Nitroaniline
 Concen: 38.254 ng
 RT: 15.534 min Scan# 2133
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



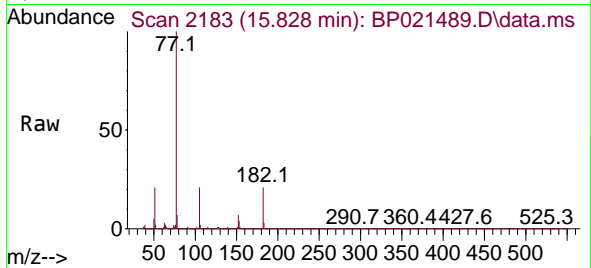
Tgt Ion: 138 Resp: 685273
 Ion Ratio Lower Upper
 138 100
 92 67.4 46.4 86.4
 108 93.0 73.2 113.2





#63
 Azobenzene
 Concen: 37.833 ng
 RT: 15.828 min Scan# 2183
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324

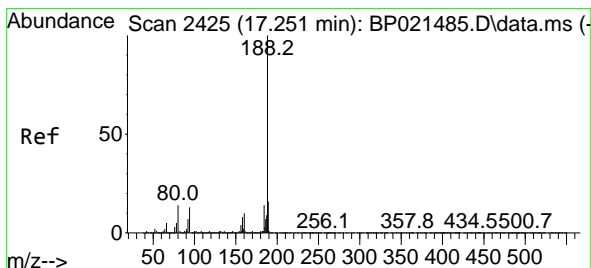
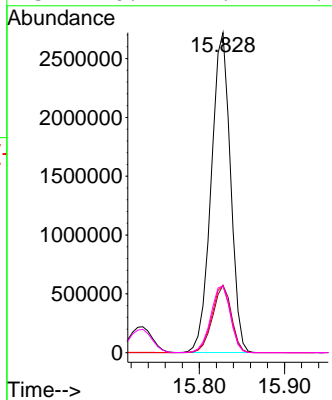
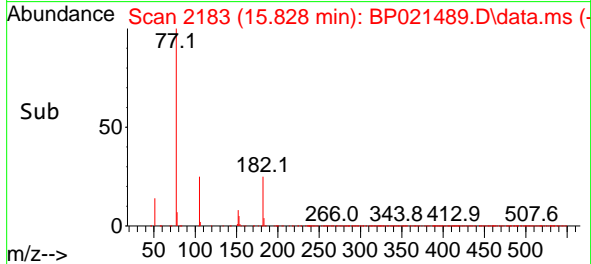


Tgt Ion: 77 Resp: 426359

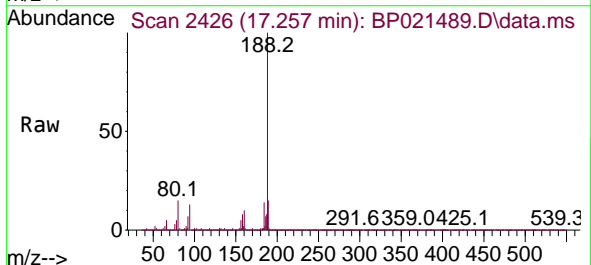
Ion	Ratio	Lower	Upper
77	100		
182	21.0	0.0	39.9
105	21.0	0.9	40.9
51	20.9	1.4	41.4

Manual Integrations
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Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

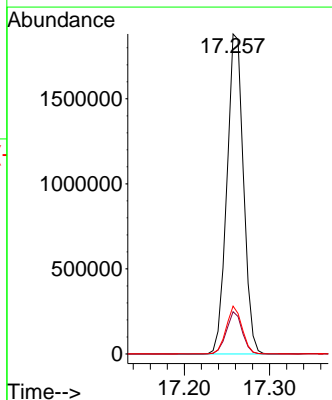
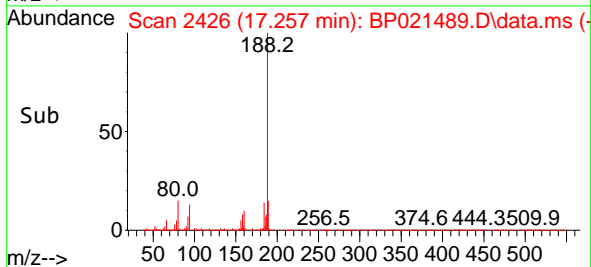


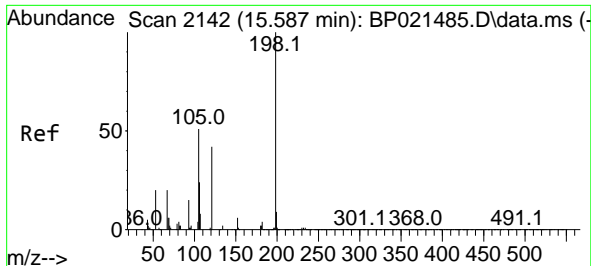
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.257 min Scan# 2426
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion:188 Resp: 2538103

Ion	Ratio	Lower	Upper
188	100		
94	13.2	10.2	15.4
80	15.0	11.6	17.4





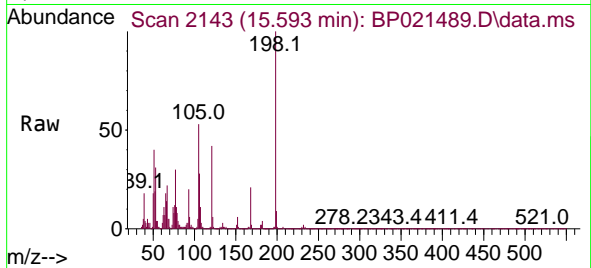
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.281 ng
 RT: 15.593 min Scan# 2143
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument :

BNA_P

Client Sample Id :

ICVBP081324

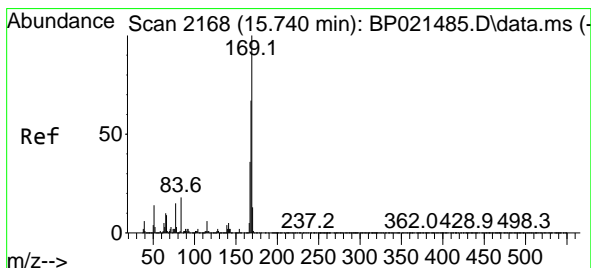
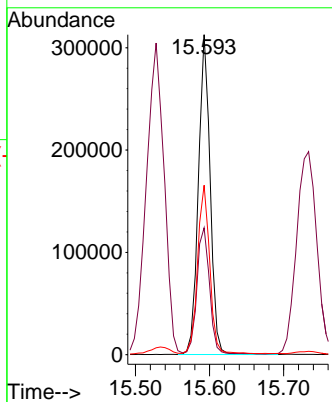
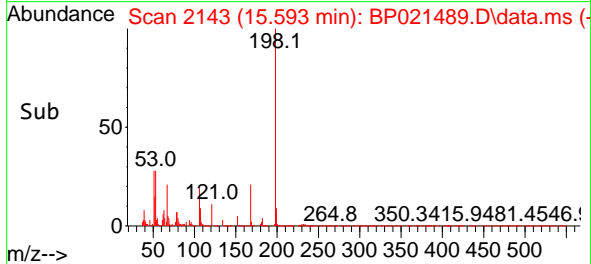


Tgt Ion: 198 Resp: 343500

Ion	Ratio	Lower	Upper
198	100		
51	39.6	21.5	61.5
105	53.0	32.9	72.9

Manual Integrations
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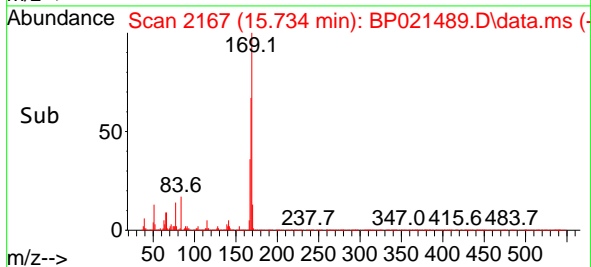
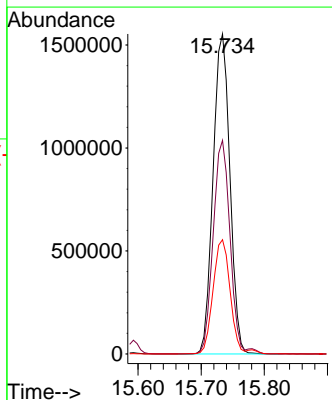
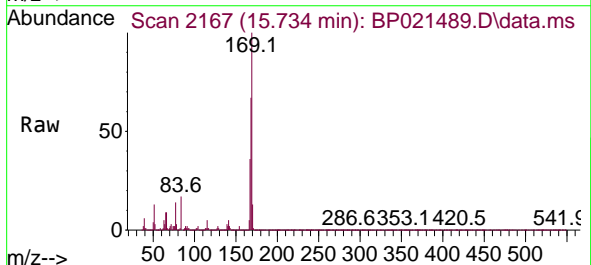
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

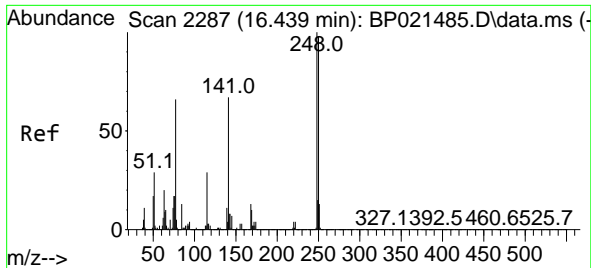


#66
 n-Nitrosodiphenylamine
 Concen: 42.093 ng
 RT: 15.734 min Scan# 2167
 Delta R.T. -0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Tgt Ion: 169 Resp: 2863059

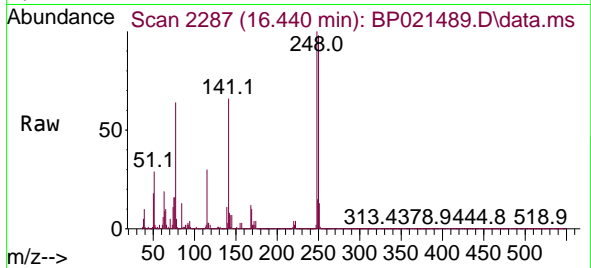
Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.2
167	35.7	28.7	43.1





#67
 4-Bromophenyl-phenylether
 Concen: 42.289 ng
 RT: 16.440 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

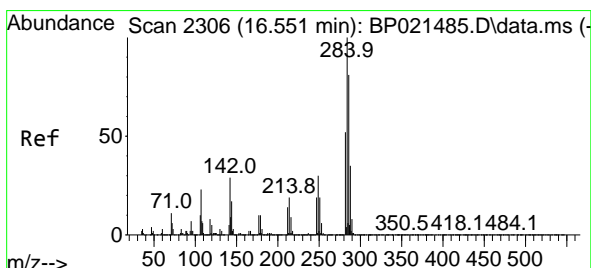
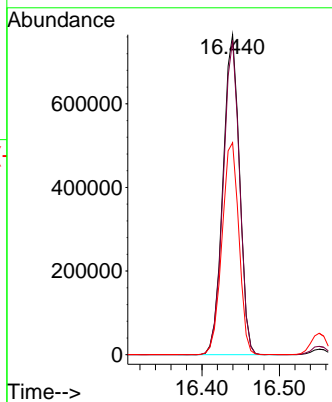
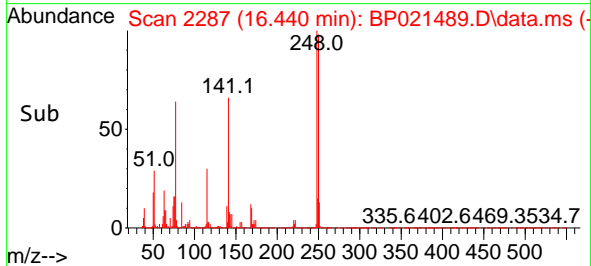
Instrument :
 BNA_P
 ClientSampleId :
 ICVBP081324



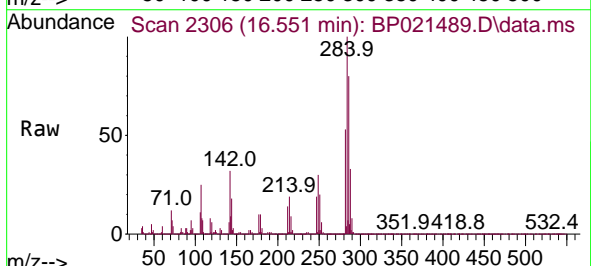
Tgt Ion:248 Resp: 113596
 Ion Ratio Lower Upper
 248 100
 250 98.2 78.6 117.8
 141 66.3 53.9 80.9

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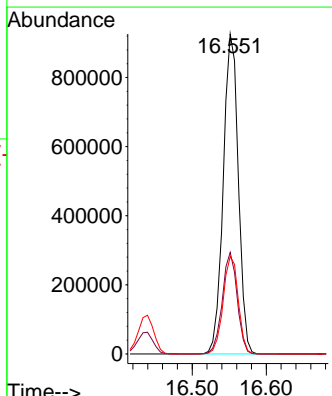
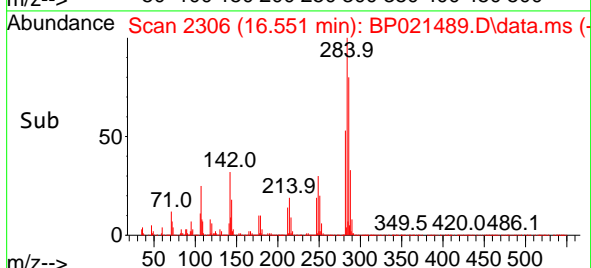
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

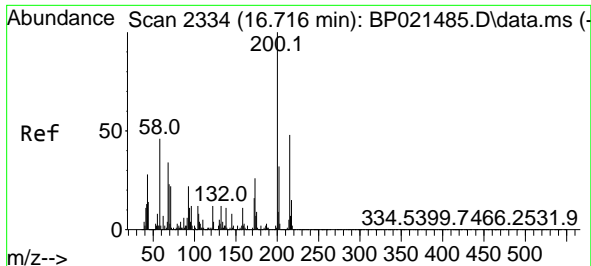


#68
 Hexachlorobenzene
 Concen: 41.161 ng
 RT: 16.551 min Scan# 2306
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion:284 Resp: 1306627
 Ion Ratio Lower Upper
 284 100
 142 31.8 23.4 35.2
 249 30.4 24.1 36.1





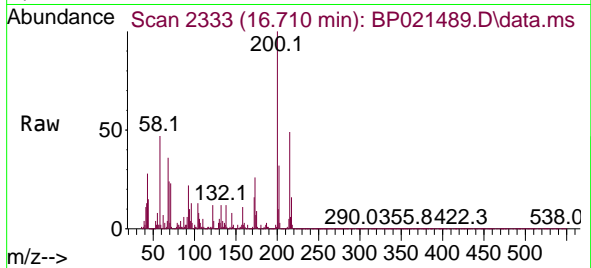
#69
 Atrazine
 Concen: 38.851 ng
 RT: 16.710 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument :

BNA_P

Client SampleId :

ICVBP081324

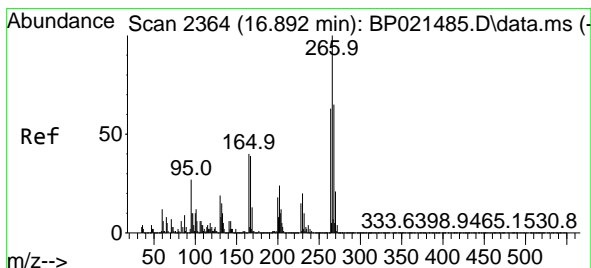
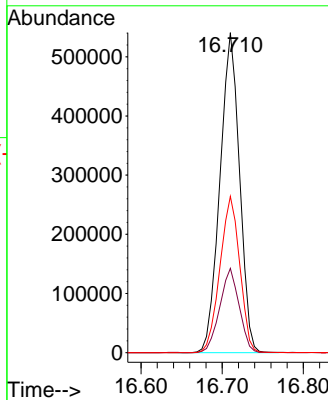
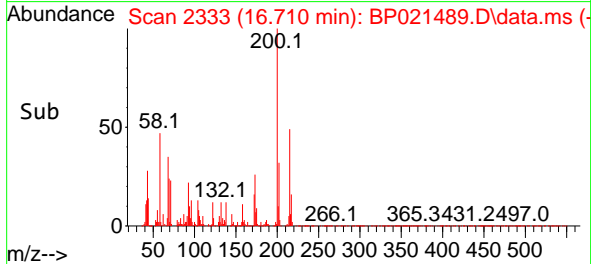


Tgt Ion:200 Resp: 90726
 Ion Ratio Lower Upper
 200 100
 173 26.3 6.2 46.2
 215 48.9 28.4 68.4

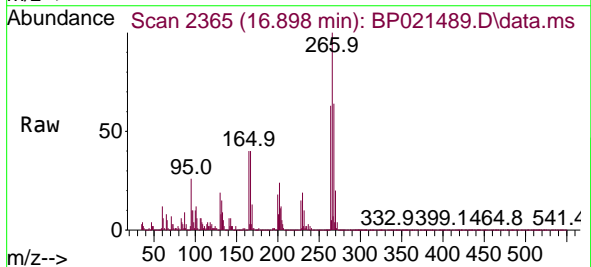
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Reviewed By :Yogesh Patel 08/14/2024

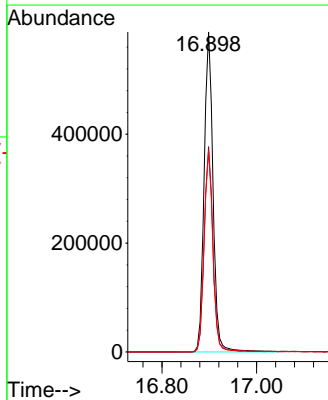
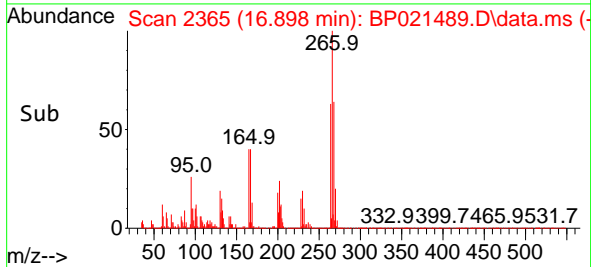
Supervised By :mohammad ahmed 08/14/2024

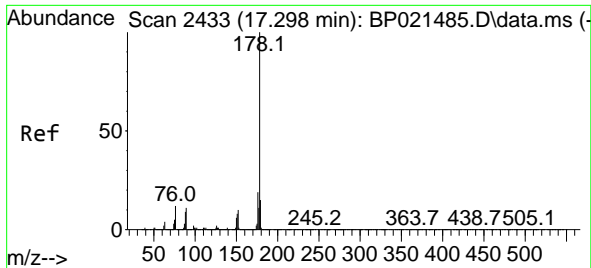


#70
 Pentachlorophenol
 Concen: 44.446 ng
 RT: 16.898 min Scan# 2365
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



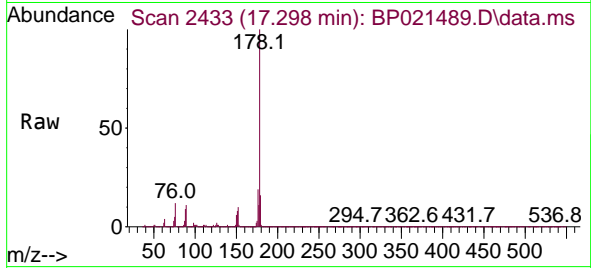
Tgt Ion:266 Resp: 770079
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.8 77.6
 264 63.0 50.5 75.7





#71
 Phenanthrene
 Concen: 39.541 ng
 RT: 17.298 min Scan# 2433
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

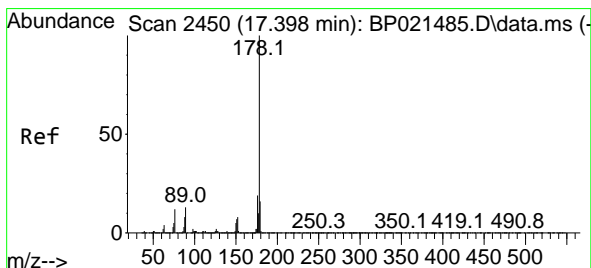
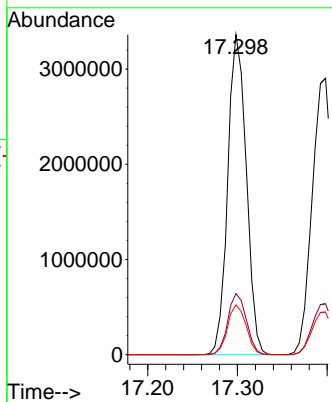
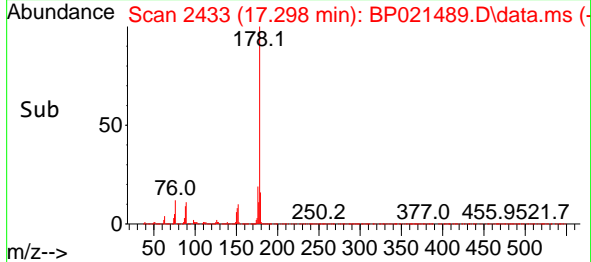
Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324



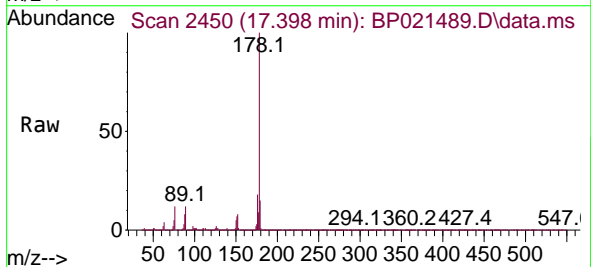
Tgt Ion:178 Resp: 4826486
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.6 12.4 18.6

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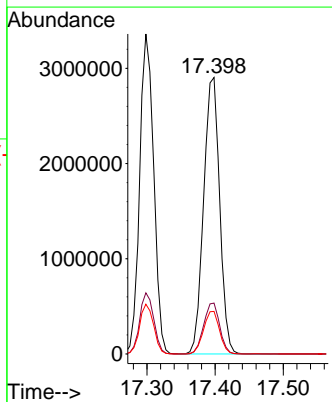
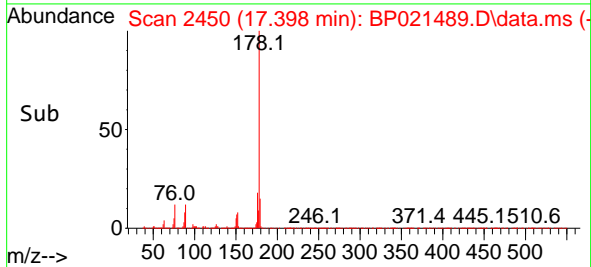
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

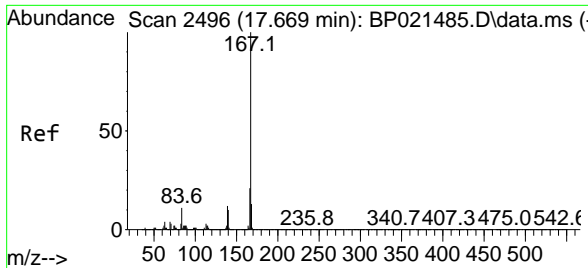


#72
 Anthracene
 Concen: 39.639 ng
 RT: 17.398 min Scan# 2450
 Delta R.T. 0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



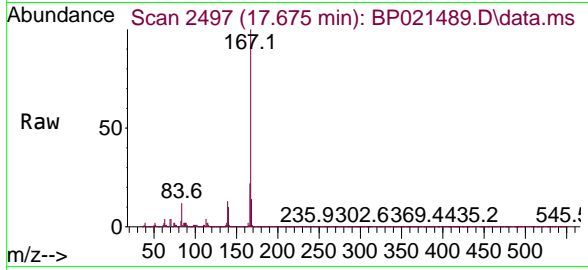
Tgt Ion:178 Resp: 4745227
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.9 22.3
 179 15.4 12.5 18.7





#73
 Carbazole
 Concen: 37.457 ng
 RT: 17.675 min Scan# 2497
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument : BNA_P
 Client Sample Id : ICVBP081324

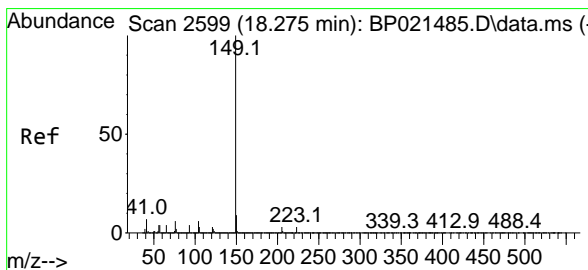
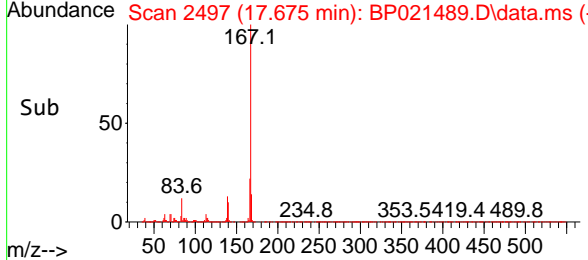
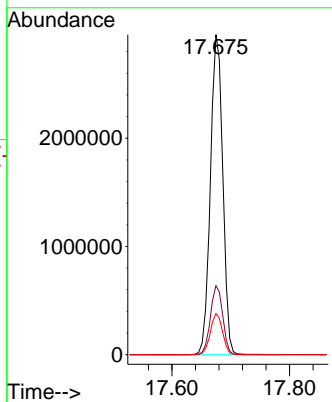


Tgt Ion: 167 Resp: 432124

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.4
139	12.8	9.9	14.9

Manual Integrations
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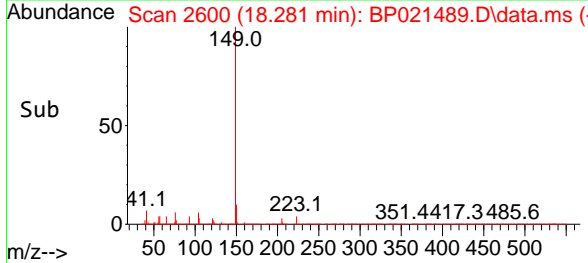
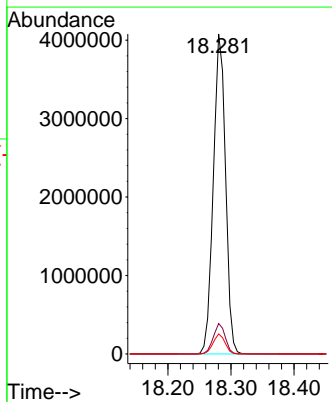
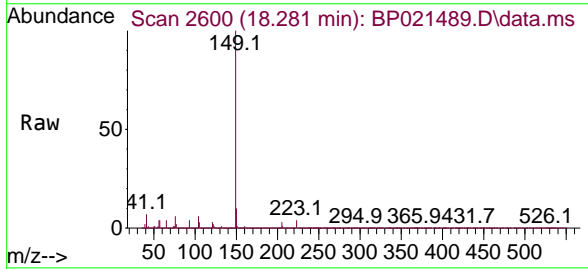
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

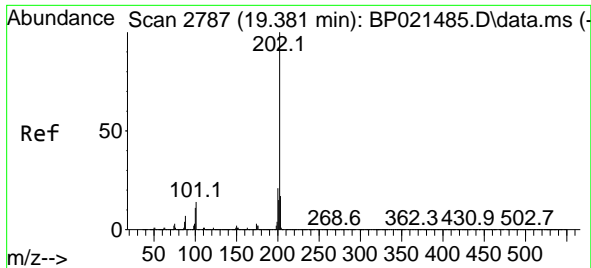


#74
 Di-n-butylphthalate
 Concen: 38.509 ng
 RT: 18.281 min Scan# 2600
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Tgt Ion: 149 Resp: 5456093

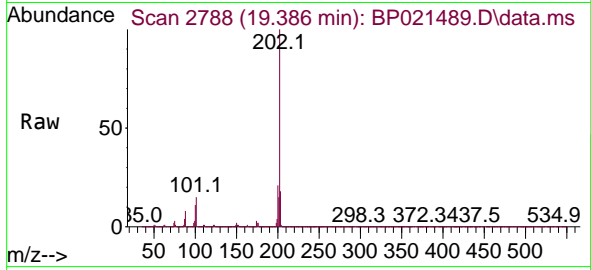
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	6.2	4.9	7.3





#75
 Fluoranthene
 Concen: 36.288 ng
 RT: 19.386 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

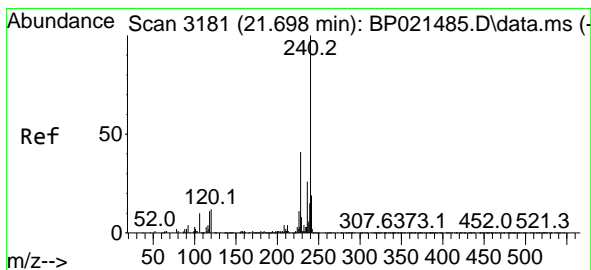
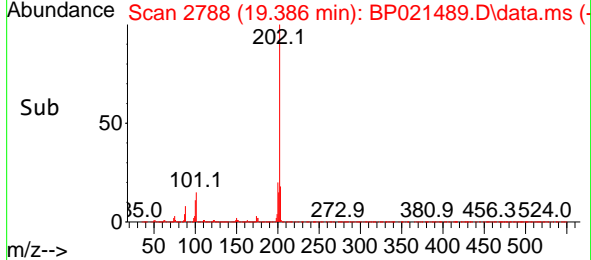
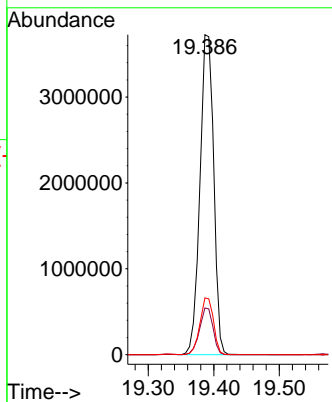
Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324



Tgt Ion: 202 Resp: 5434874
 Ion Ratio Lower Upper
 202 100
 101 14.6 0.0 34.0
 203 17.7 0.0 37.5

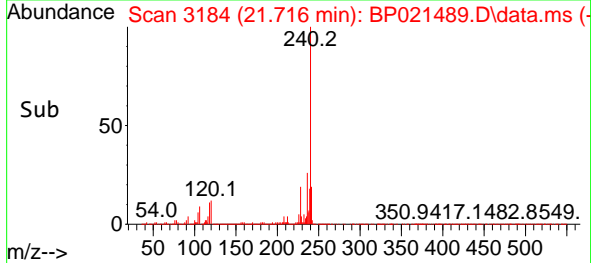
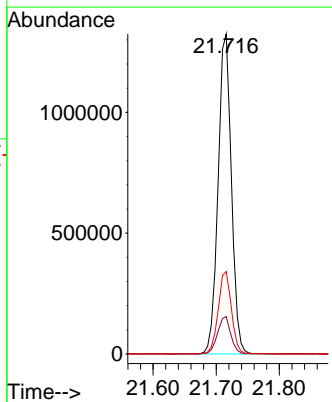
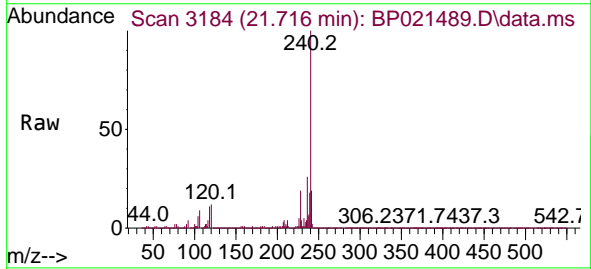
Manual Integrations
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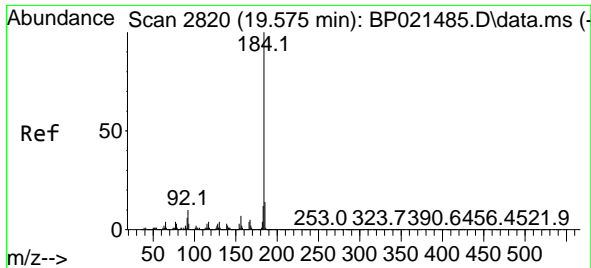
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.716 min Scan# 3184
 Delta R.T. 0.018 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

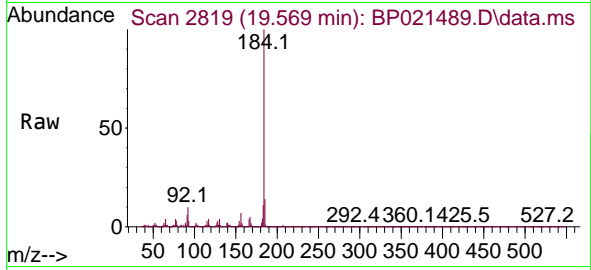
Tgt Ion: 240 Resp: 1932921
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.9 14.9
 236 25.8 20.6 30.8





#77
 Benzidine
 Concen: 30.320 ng
 RT: 19.569 min Scan# 2819
 Delta R.T. -0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

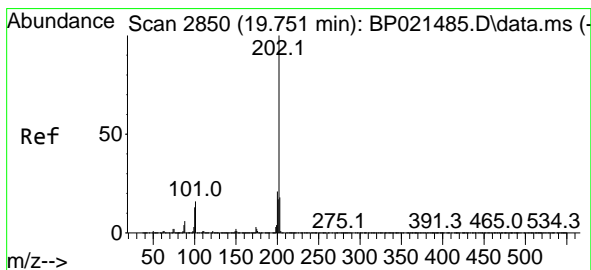
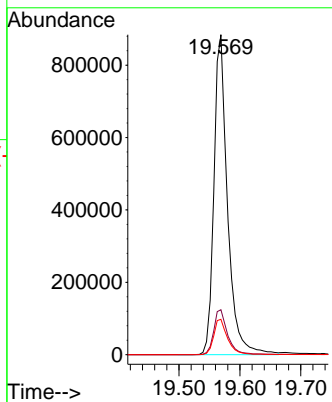
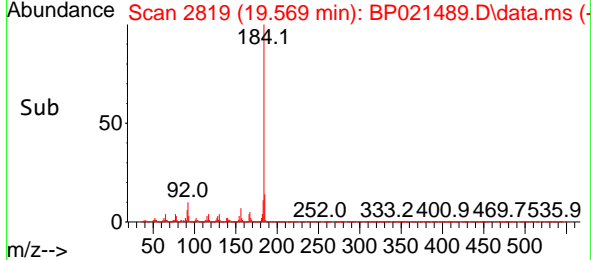
Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324



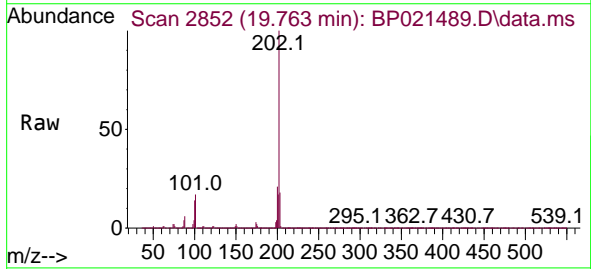
Tgt Ion:184 Resp: 1367550
 Ion Ratio Lower Upper
 184 100
 185 14.1 11.4 17.0
 183 11.1 9.3 13.9

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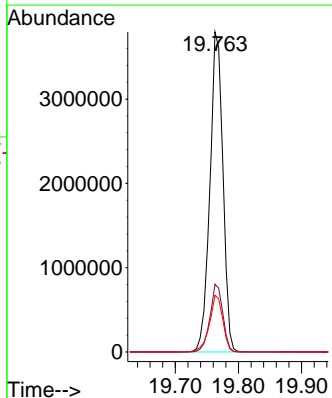
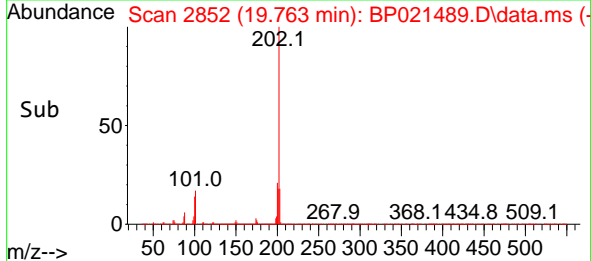
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

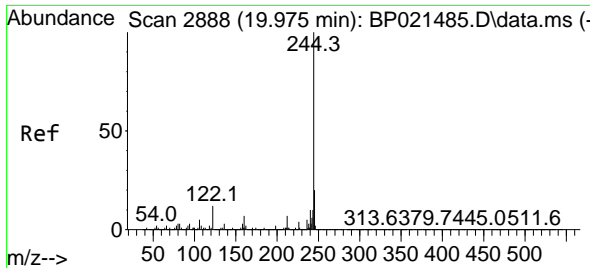


#78
 Pyrene
 Concen: 43.044 ng
 RT: 19.763 min Scan# 2852
 Delta R.T. 0.012 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



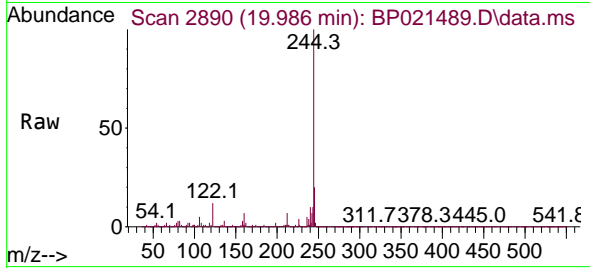
Tgt Ion:202 Resp: 5438173
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.7 25.1
 203 17.7 14.1 21.1





#79
 Terphenyl-d14
 Concen: 86.216 ng
 RT: 19.986 min Scan# 2888
 Delta R.T. 0.011 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

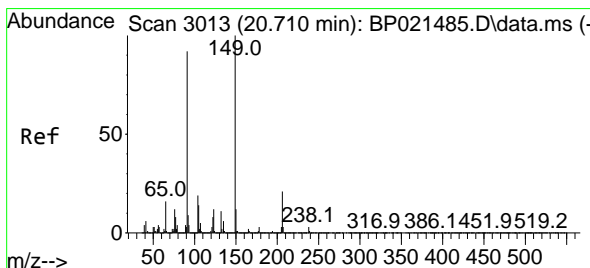
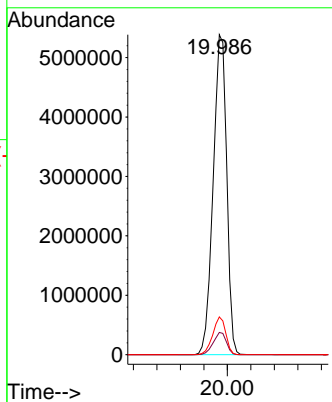
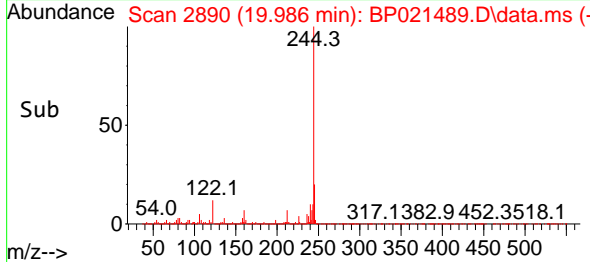
Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324



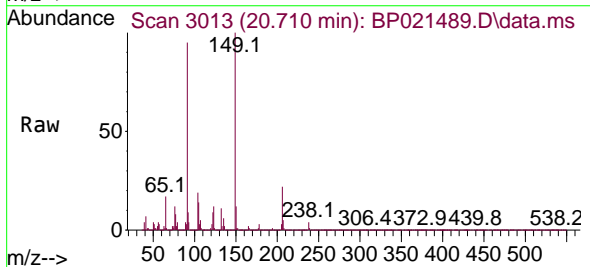
Tgt Ion:244 Resp: 857810
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.8 9.4 14.2

Manual Integrations
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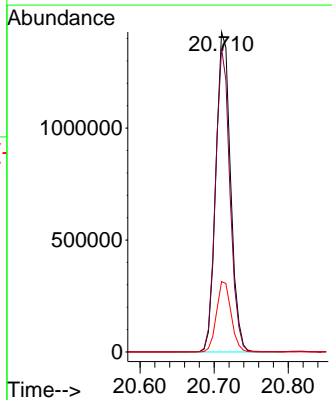
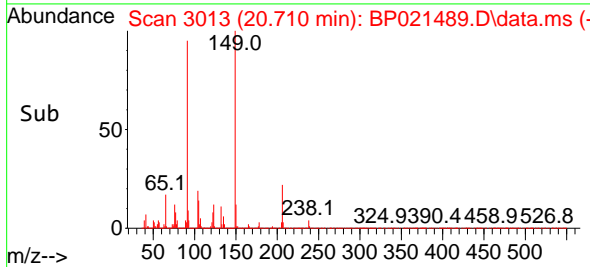
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

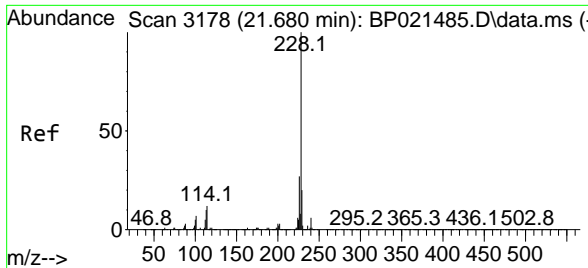


#80
 Butylbenzylphthalate
 Concen: 41.647 ng
 RT: 20.710 min Scan# 3013
 Delta R.T. -0.000 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



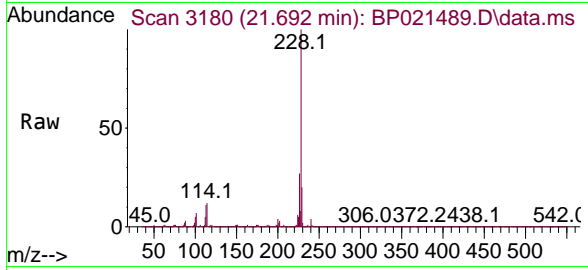
Tgt Ion:149 Resp: 1972270
 Ion Ratio Lower Upper
 149 100
 91 94.9 73.3 109.9
 206 22.0 17.1 25.7





#81
 Benzo(a)anthracene
 Concen: 40.172 ng
 RT: 21.692 min Scan# 3178
 Delta R.T. 0.012 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

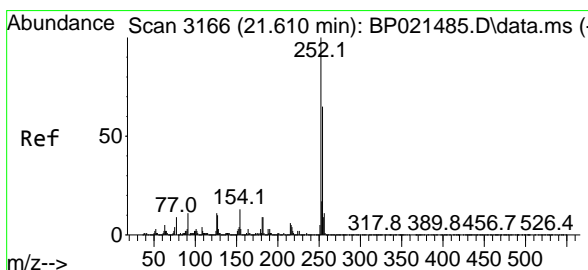
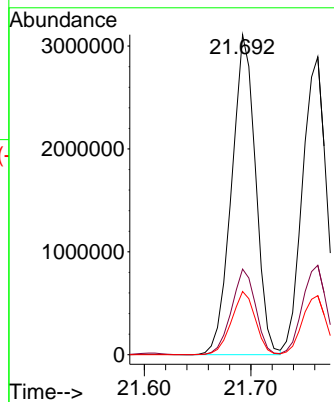
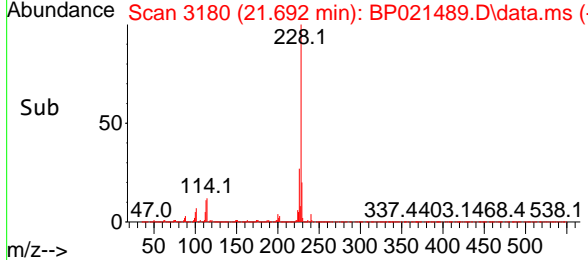
Instrument : BNA_P
 Client Sample Id : ICVBP081324



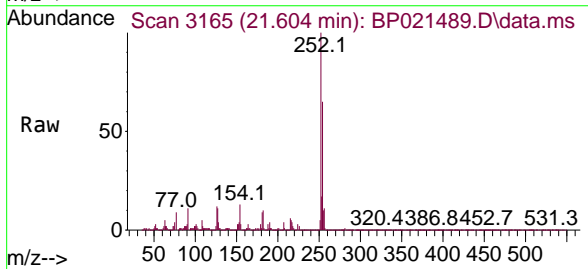
Tgt Ion: 228 Resp: 487449
 Ion Ratio Lower Upper
 228 100
 226 26.7 21.4 32.2
 229 19.8 15.8 23.6

Manual Integrations
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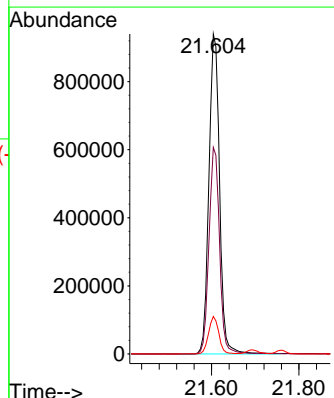
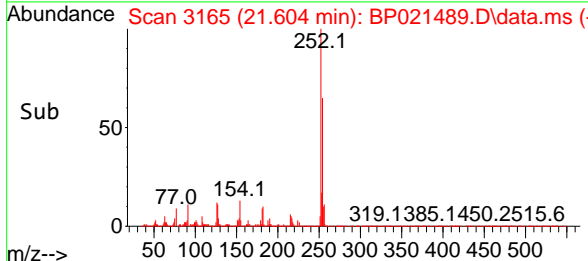
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

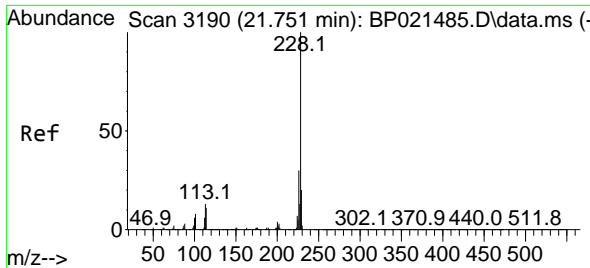


#82
 3,3'-Dichlorobenzidine
 Concen: 40.936 ng
 RT: 21.604 min Scan# 3165
 Delta R.T. -0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



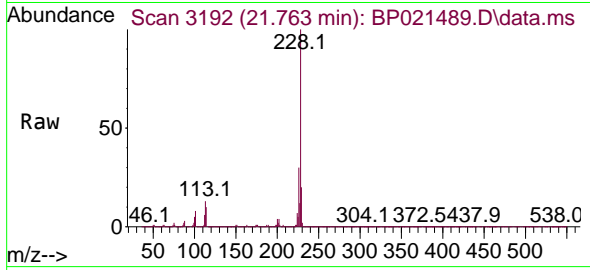
Tgt Ion: 252 Resp: 1592617
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.7 77.5
 126 11.7 8.7 13.1





#83
 Chrysene
 Concen: 39.759 ng
 RT: 21.763 min Scan# 3192
 Delta R.T. 0.012 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

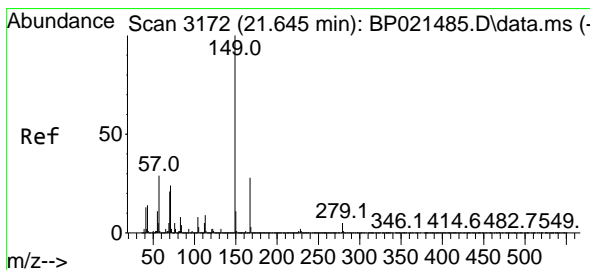
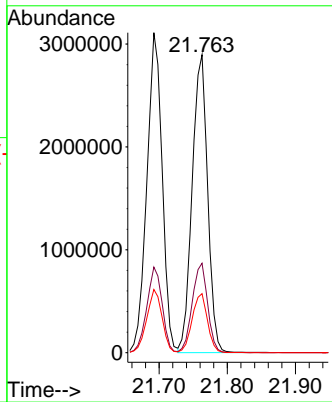
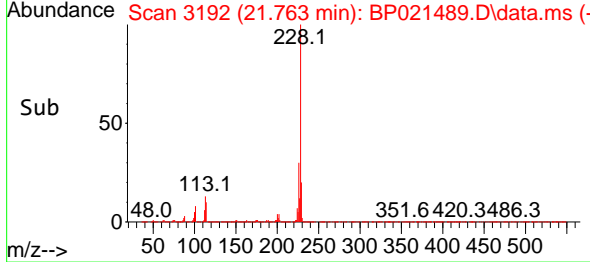
Instrument : BNA_P
 Client Sample Id : ICVBP081324



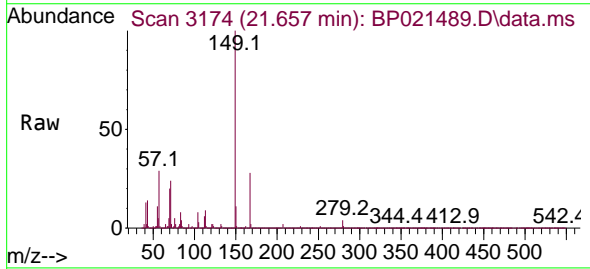
Tgt Ion: 228 Resp: 455488
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.9 35.9
 229 19.8 15.8 23.6

Manual Integrations
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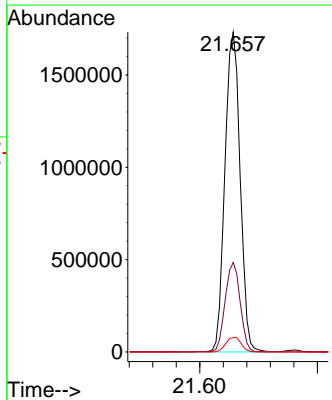
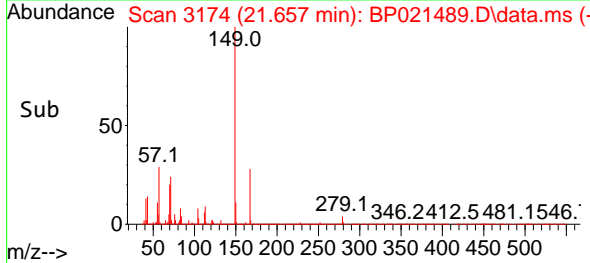
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

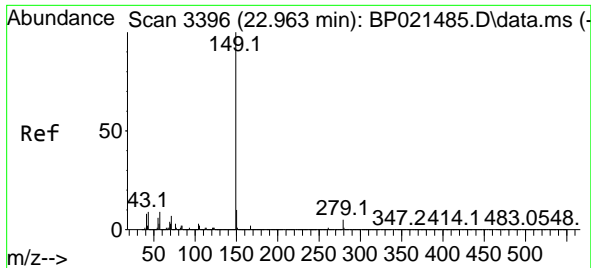


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.381 ng
 RT: 21.657 min Scan# 3174
 Delta R.T. 0.012 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



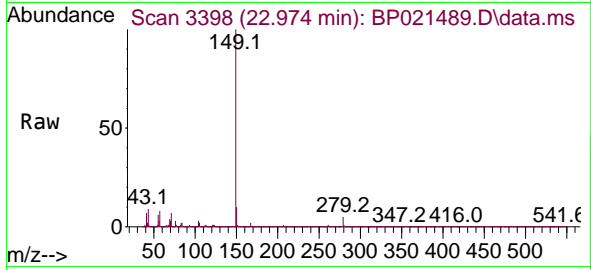
Tgt Ion: 149 Resp: 3111178
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.3 33.5
 279 4.5 3.8 5.6





#85
 Di-n-octyl phthalate
 Concen: 39.871 ng
 RT: 22.974 min Scan# 31
 Delta R.T. 0.011 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

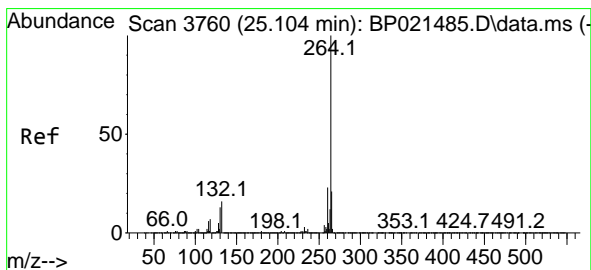
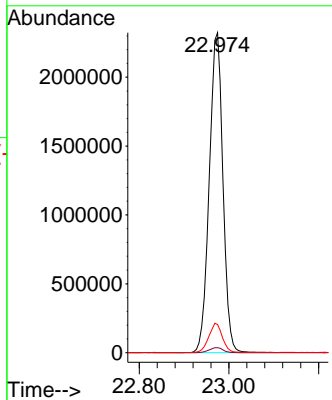
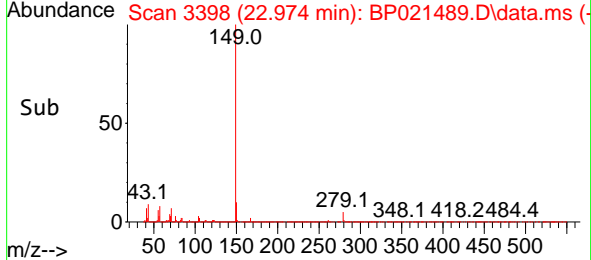
Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324



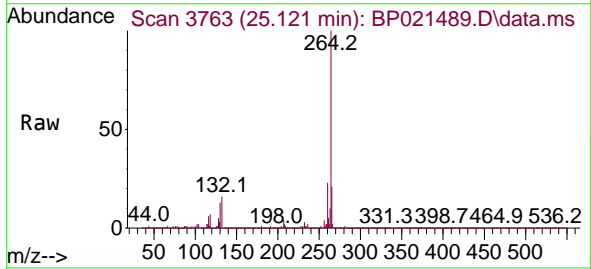
Tgt Ion:149 Resp: 490825
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.1 7.3 10.9

Manual Integrations
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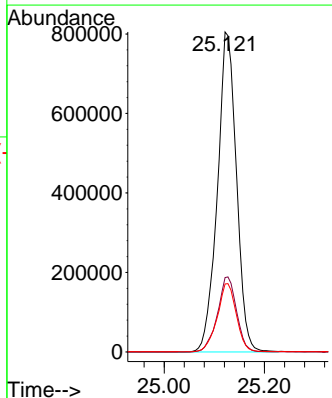
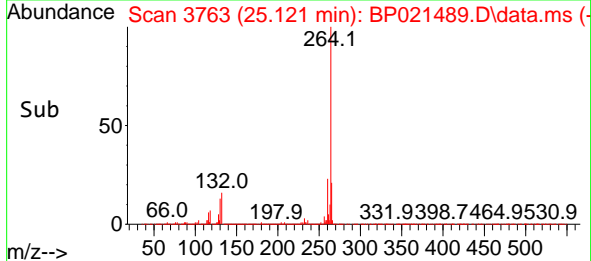
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

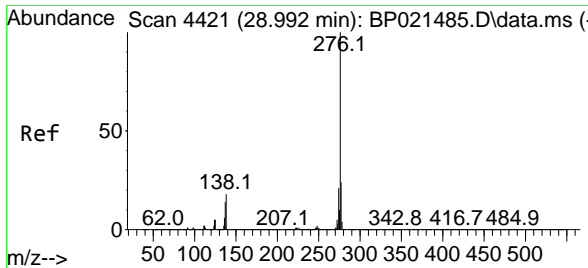


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.121 min Scan# 3763
 Delta R.T. 0.018 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion:264 Resp: 2127555
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.3 17.1 25.7





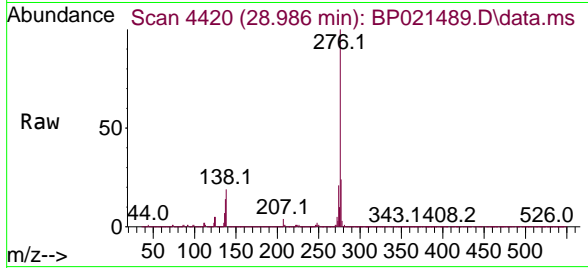
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.105 ng m
 RT: 28.986 min Scan# 4421
 Delta R.T. -0.006 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument :

BNA_P

Client Sample Id :

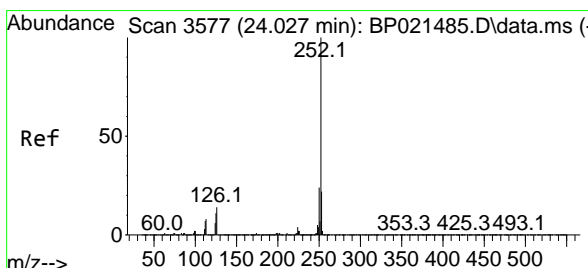
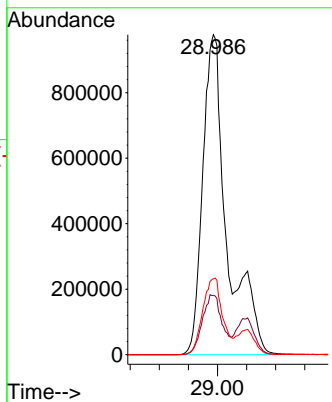
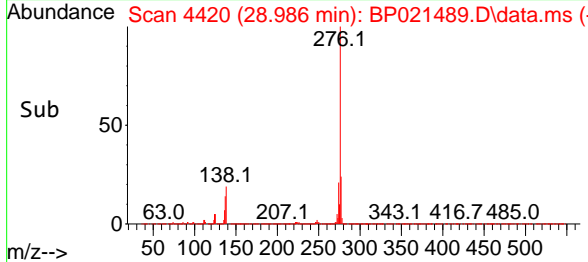
ICVBP081324



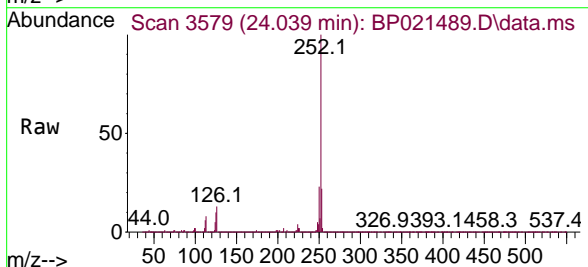
Tgt Ion: 276 Resp: 566884
 Ion Ratio Lower Upper
 276 100
 138 15.6 12.8 19.2
 277 19.5 16.5 24.7

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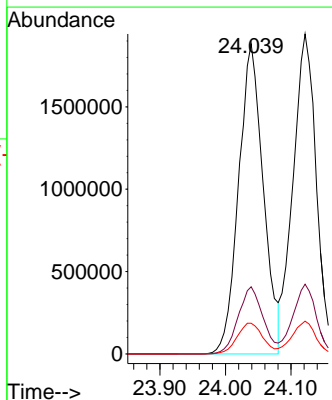
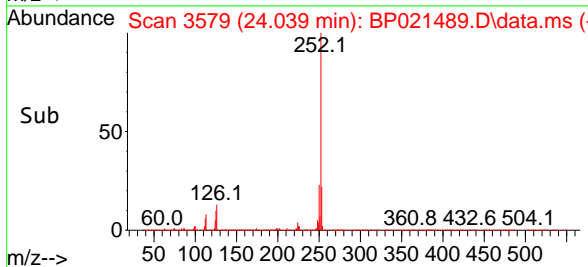
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

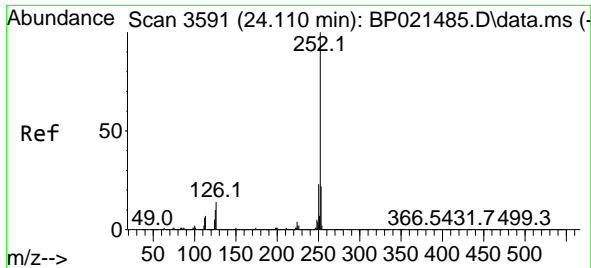


#88
 Benzo(b)fluoranthene
 Concen: 40.381 ng
 RT: 24.039 min Scan# 3579
 Delta R.T. 0.012 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion: 252 Resp: 4934155
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.6 26.4
 125 9.9 8.6 13.0





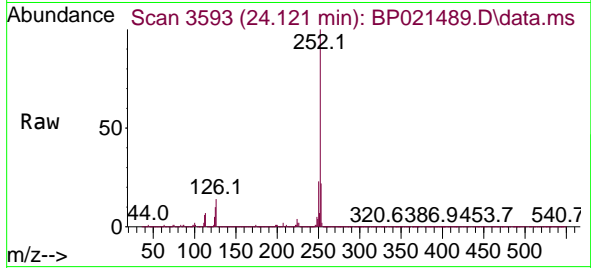
#89
 Benzo(k)fluoranthene
 Concen: 39.984 ng
 RT: 24.121 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

Instrument :

BNA_P

Client Sample Id :

ICVBP081324



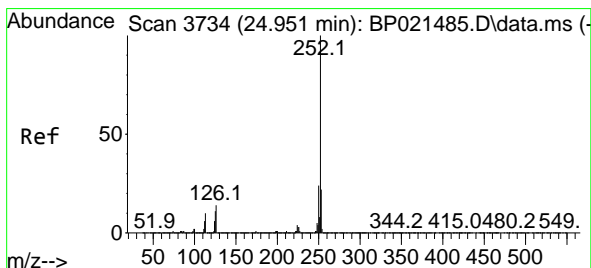
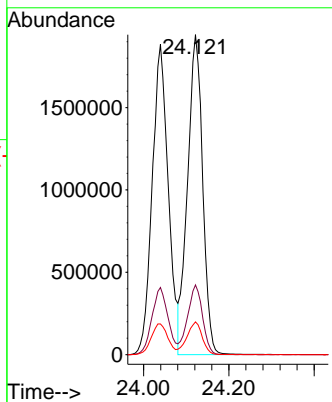
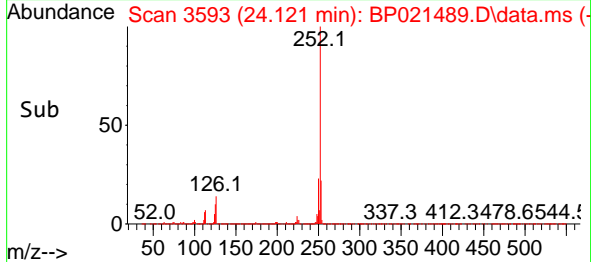
Tgt Ion: 252 Resp: 476594
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 10.2 7.8 11.8

Manual Integrations

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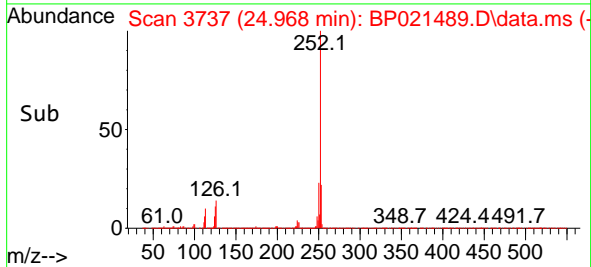
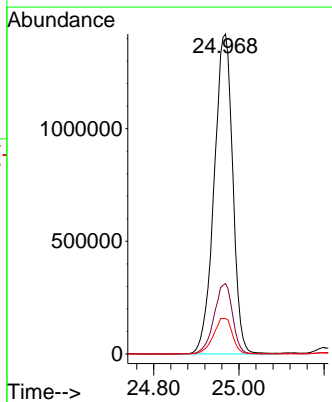
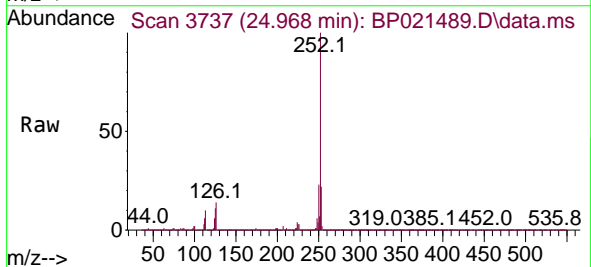
Reviewed By :Yogesh Patel 08/14/2024

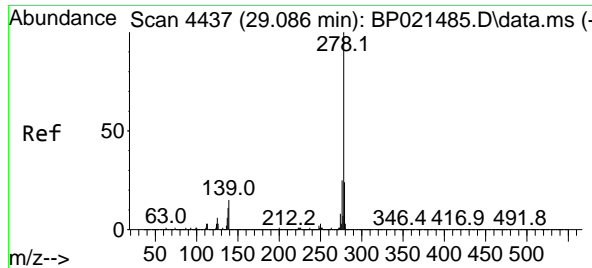
Supervised By :mohammad ahmed 08/14/2024



#90
 Benzo(a)pyrene
 Concen: 40.657 ng
 RT: 24.968 min Scan# 3737
 Delta R.T. 0.018 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

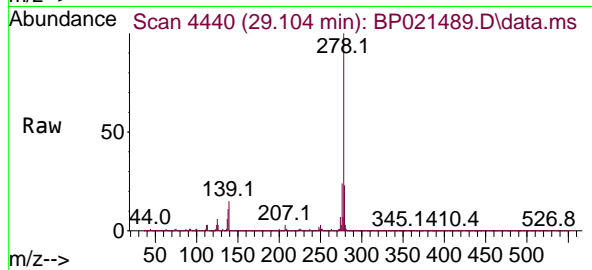
Tgt Ion: 252 Resp: 4311183
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 11.1 8.7 13.1





#91
 Dibenz(a,h)anthracene
 Concen: 41.172 ng
 RT: 29.104 min Scan# 4437
 Delta R.T. 0.018 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03

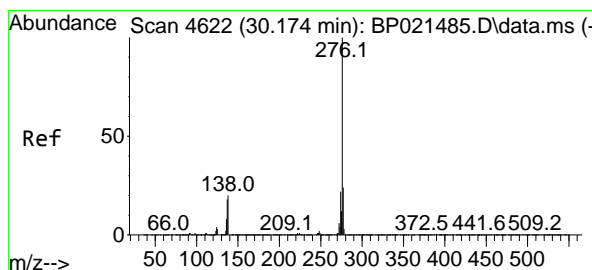
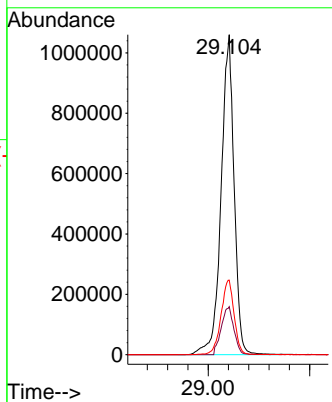
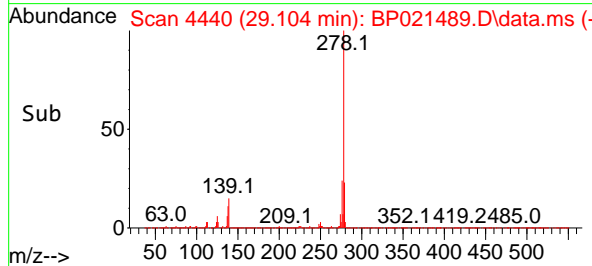
Instrument :
 BNA_P
 Client Sample Id :
 ICVBP081324



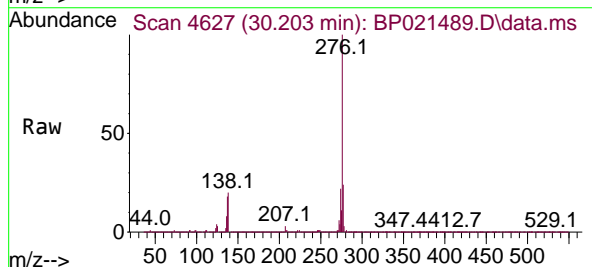
Tgt Ion: 278 Resp: 471781
 Ion Ratio Lower Upper
 278 100
 139 15.0 12.2 18.4
 279 23.3 19.1 28.7

Manual Integrations
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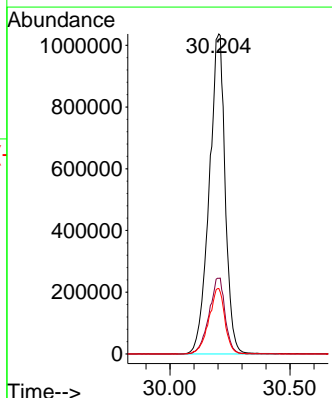
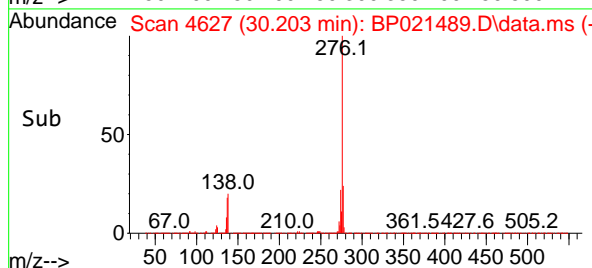
Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#92
 Benzo(g,h,i)perylene
 Concen: 41.532 ng
 RT: 30.203 min Scan# 4627
 Delta R.T. 0.029 min
 Lab File: BP021489.D
 Acq: 13 Aug 2024 19:03



Tgt Ion: 276 Resp: 4769954
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.0 28.6
 138 20.4 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021489.D
 Acq On : 13 Aug 2024 19:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 ICVBP081324

Quant Time: Aug 14 00:10:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	132	0.00
2	1,4-Dioxane	0.639	0.606	5.2	125	0.00
3	Pyridine	1.783	1.803	-1.1	133	0.00
4	n-Nitrosodimethylamine	0.536	0.539	-0.6	134	0.00
5 S	2-Fluorophenol	1.347	1.361	-1.0	134	0.00
6	Aniline	1.964	2.043	-4.0	137	0.00
7 S	Phenol-d6	1.965	2.109	-7.3	141	0.00
8	2-Chlorophenol	1.245	1.316	-5.7	140	0.00
9	Benzaldehyde	1.258	1.272	-1.1	141	0.00
10 C	Phenol	2.035	2.167	-6.5	140	0.00
11	bis(2-Chloroethyl)ether	1.722	1.788	-3.8	139	0.00
12	1,3-Dichlorobenzene	1.479	1.466	0.9	134	0.00
13 C	1,4-Dichlorobenzene	1.493	1.477	1.1	133	0.00
14	1,2-Dichlorobenzene	1.439	1.434	0.3	135	0.00
15	Benzyl Alcohol	1.410	1.567	-11.1	147	0.00
16	2,2'-oxybis(1-Chloropropane	1.585	1.660	-4.7	142	0.00
17	2-Methylphenol	1.286	1.405	-9.3	144	0.00
18	Hexachloroethane	0.599	0.610	-1.8	136	0.00
19 P	n-Nitroso-di-n-propylamine	1.357	1.469	-8.3	145	0.00
20	3+4-Methylphenols	1.734	1.945	-12.2	147	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	145	0.00
22	Acetophenone	0.614	0.613	0.2	145	0.00
23 S	Nitrobenzene-d5	0.387	0.433	-11.9	153#	0.00
24	Nitrobenzene	0.421	0.455	-8.1	149	0.00
25	Isophorone	0.915	0.931	-1.7	148	0.00
26 C	2-Nitrophenol	0.086	0.125	-45.3#	193#	0.00
27	2,4-Dimethylphenol	0.226	0.233	-3.1	150	0.00
28	bis(2-Chloroethoxy)methane	0.559	0.565	-1.1	149	0.00
29 C	2,4-Dichlorophenol	0.267	0.290	-8.6	154#	0.00
30	1,2,4-Trichlorobenzene	0.342	0.335	2.0	143	0.00
31	Naphthalene	1.045	1.035	1.0	144	0.00
32	Benzoic acid	0.137	0.187	-36.5#	210#	0.02
33	4-Chloroaniline	0.392	0.399	-1.8	146	0.00
34 C	Hexachlorobutadiene	0.215	0.211	1.9	142	0.00
35	Caprolactam	0.111	0.116	-4.5	148	0.00
36 C	4-Chloro-3-methylphenol	0.370	0.398	-7.6	151#	0.00
37	2-Methylnaphthalene	0.713	0.720	-1.0	148	0.00
38	1-Methylnaphthalene	0.703	0.706	-0.4	147	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	150	0.00
40	1,2,4,5-Tetrachlorobenzene	0.586	0.590	-0.7	149	0.01
41 P	Hexachlorocyclopentadiene	0.186	0.201	-8.1	157#	0.00
42 S	2,4,6-Tribromophenol	0.223	0.232	-4.0	147	0.00
43 C	2,4,6-Trichlorophenol	0.326	0.360	-10.4	158#	0.00
44	2,4,5-Trichlorophenol	0.362	0.401	-10.8	157#	0.00
45 S	2-Fluorobiphenyl	1.310	1.288	1.7	146	0.00
46	1,1'-Biphenyl	1.415	1.399	1.1	147	0.00
47	2-Chloronaphthalene	1.102	1.093	0.8	147	0.00

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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021489.D
 Acq On : 13 Aug 2024 19:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICBP081324

Quant Time: Aug 14 00:10:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.256	0.328	-28.1#	172#	0.00
49	Acenaphthylene	1.619	1.600	1.2	146	0.01
50	Dimethylphthalate	1.339	1.310	2.2	145	0.00
51	2,6-Dinitrotoluene	0.232	0.276	-19.0	162#	0.00
52 C	Acenaphthene	1.063	1.046	1.6	146	0.00
53	3-Nitroaniline	0.228	0.264	-15.8	156#	0.00
54 P	2,4-Dinitrophenol	0.069	0.081	-17.4	184#	0.00
55	Dibenzofuran	1.635	1.575	3.7	143	0.00
56 P	4-Nitrophenol	0.195	0.205	-5.1	152#	-0.01
57	2,4-Dinitrotoluene	0.284	0.344	-21.1	161#	0.00
58	Fluorene	1.343	1.278	4.8	141	0.00
59	2,3,4,6-Tetrachlorophenol	0.307	0.325	-5.9	148	0.00
60	Diethylphthalate	1.374	1.297	5.6	139	-0.01
61	4-Chlorophenyl-phenylether	0.694	0.673	3.0	145	0.00
62	4-Nitroaniline	0.241	0.257	-6.6	141	0.00
63	Azobenzene	1.689	1.598	5.4	140	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	133	0.00
65	4,6-Dinitro-2-methylphenol	0.054	0.068	-25.9#	172#	0.00
66 c	n-Nitrosodiphenylamine	0.536	0.564	-5.2	140	0.00
67	4-Bromophenyl-phenylether	0.212	0.224	-5.7	144	0.00
68	Hexachlorobenzene	0.250	0.257	-2.8	136	0.00
69	Atrazine	0.184	0.179	2.7	125	0.00
70 C	Pentachlorophenol	0.137	0.152	-10.9	148	0.00
71	Phenanthrene	0.962	0.951	1.1	131	0.00
72	Anthracene	0.943	0.935	0.8	131	0.00
73	Carbazole	0.909	0.851	6.4	122	0.00
74	Di-n-butylphthalate	1.116	1.075	3.7	125	0.00
75 C	Fluoranthene	1.180	1.071	9.2	119	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	106	0.02
77	Benzidine	0.420	0.354	15.7	79	0.00
78	Pyrene	1.307	1.407	-7.7	116	0.01
79 S	Terphenyl-d14	1.029	1.109	-7.8	117	0.01
80	Butylbenzylphthalate	0.437	0.510	-16.7	115	0.00
81	Benzo(a)anthracene	1.256	1.261	-0.4	106	0.01
82	3,3'-Dichlorobenzidine	0.403	0.412	-2.2	102	0.00
83	Chrysene	1.185	1.178	0.6	105	0.01
84	Bis(2-ethylhexyl)phthalate	0.742	0.805	-8.5	109	0.01
85 c	Di-n-octyl phthalate	1.199	1.270	-5.9	108	0.01
86 I	Perylene-d12	1.000	1.000	0.0	102	0.02
87	Indeno(1,2,3-cd)pyrene	1.296	1.332	-2.8	102	0.00
88	Benzo(b)fluoranthene	1.149	1.160	-1.0	102	0.01
89	Benzo(k)fluoranthene	1.121	1.120	0.1	100	0.01
90 C	Benzo(a)pyrene	0.997	1.013	-1.6	102	0.02
91	Dibenzo(a,h)anthracene	1.077	1.109	-3.0	103	0.02
92	Benzo(g,h,i)perylene	1.080	1.121	-3.8	104	0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
Data File : BP021489.D
Acq On : 13 Aug 2024 19:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081324

Quant Time: Aug 14 00:10:09 2024
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Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound AvgRF CCRF %Dev Area% Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I 1,4-Dichlorobenzene-d4	20.000	20.000	0.0	132	0.00
2 1,4-Dioxane	40.000	37.948	5.1	125	0.00
3 Pyridine	40.000	40.445	-1.1	133	0.00
4 n-Nitrosodimethylamine	40.000	40.233	-0.6	134	0.00
5 S 2-Fluorophenol	80.000	80.810	-1.0	134	0.00
6 Aniline	40.000	41.596	-4.0	137	0.00
7 S Phenol-d6	80.000	85.856	-7.3	141	0.00
8 2-Chlorophenol	40.000	42.300	-5.7	140	0.00
9 Benzaldehyde	40.000	40.434	-1.1	141	0.00
10 C Phenol	40.000	42.607	-6.5	140	0.00
11 bis(2-Chloroethyl)ether	40.000	41.543	-3.9	139	0.00
12 1,3-Dichlorobenzene	40.000	39.674	0.8	134	0.00
13 C 1,4-Dichlorobenzene	40.000	39.564	1.1	133	0.00
14 1,2-Dichlorobenzene	40.000	39.873	0.3	135	0.00
15 Benzyl Alcohol	40.000	44.472	-11.2	147	0.00
16 2,2'-oxybis(1-Chloropropane)	40.000	41.875	-4.7	142	0.00
17 2-Methylphenol	40.000	43.687	-9.2	144	0.00
18 Hexachloroethane	40.000	40.755	-1.9	136	0.00
19 P n-Nitroso-di-n-propylamine	40.000	43.304	-8.3	145	0.00
20 3+4-Methylphenols	40.000	44.850	-12.1	147	0.00
21 I Naphthalene-d8	20.000	20.000	0.0	145	0.00
22 Acetophenone	40.000	39.936	0.2	145	0.00
23 S Nitrobenzene-d5	80.000	89.361	-11.7	153	0.00
24 Nitrobenzene	40.000	43.244	-8.1	149	0.00
25 Isophorone	40.000	40.700	-1.8	148	0.00
26 C 2-Nitrophenol	40.000	47.780	-19.5	193	0.00
27 2,4-Dimethylphenol	40.000	41.179	-2.9	150	0.00
28 bis(2-Chloroethoxy)methane	40.000	40.438	-1.1	149	0.00
29 C 2,4-Dichlorophenol	40.000	43.442	-8.6	154	0.00
30 1,2,4-Trichlorobenzene	40.000	39.146	2.1	143	0.00
31 Naphthalene	40.000	39.629	0.9	144	0.00
32 Benzoic acid	40.000	49.839	-24.6	210	0.02
33 4-Chloroaniline	40.000	40.617	-1.5	146	0.00
34 C Hexachlorobutadiene	40.000	39.102	2.2	142	0.00
35 Caprolactam	40.000	41.786	-4.5	148	0.00
36 C 4-Chloro-3-methylphenol	40.000	42.987	-7.5	151	0.00
37 2-Methylnaphthalene	40.000	40.412	-1.0	148	0.00
38 1-Methylnaphthalene	40.000	40.173	-0.4	147	0.00
39 I Acenaphthene-d10	20.000	20.000	0.0	150	0.00
40 1,2,4,5-Tetrachlorobenzene	40.000	40.261	-0.7	149	0.01
41 P Hexachlorocyclopentadiene	40.000	43.183	-8.0	157	0.00
42 S 2,4,6-Tribromophenol	80.000	83.477	-4.3	147	0.00
43 C 2,4,6-Trichlorophenol	40.000	44.249	-10.6	158	0.00
44 2,4,5-Trichlorophenol	40.000	44.396	-11.0	157	0.00
45 S 2-Fluorobiphenyl	80.000	78.649	1.7	146	0.00
46 1,1'-Biphenyl	40.000	39.542	1.1	147	0.00
47 2-Chloronaphthalene	40.000	39.695	0.8	147	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	43.044	-7.6	172	0.00
49	Acenaphthylene	40.000	39.531	1.2	146	0.01
50	Dimethylphthalate	40.000	39.127	2.2	145	0.00
51	2,6-Dinitrotoluene	40.000	41.424	-3.6	162	0.00
52 C	Acenaphthene	40.000	39.366	1.6	146	0.00
53	3-Nitroaniline	40.000	40.483	-1.2	156	0.00
54 P	2,4-Dinitrophenol	40.000	45.065	-12.7	184	0.00
55	Dibenzofuran	40.000	38.543	3.6	143	0.00
56 P	4-Nitrophenol	40.000	39.582	1.0	152	-0.01
57	2,4-Dinitrotoluene	40.000	40.864	-2.2	161	0.00
58	Fluorene	40.000	38.055	4.9	141	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	42.310	-5.8	148	0.00
60	Diethylphthalate	40.000	37.752	5.6	139	-0.01
61	4-Chlorophenyl-phenylether	40.000	38.777	3.1	145	0.00
62	4-Nitroaniline	40.000	38.254	4.4	141	0.00
63	Azobenzene	40.000	37.833	5.4	140	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	133	0.00
65	4,6-Dinitro-2-methylphenol	40.000	46.281	-15.7	172	0.00
66 c	n-Nitrosodiphenylamine	40.000	42.093	-5.2	140	0.00
67	4-Bromophenyl-phenylether	40.000	42.289	-5.7	144	0.00
68	Hexachlorobenzene	40.000	41.161	-2.9	136	0.00
69	Atrazine	40.000	38.851	2.9	125	0.00
70 C	Pentachlorophenol	40.000	44.446	-11.1	148	0.00
71	Phenanthrene	40.000	39.541	1.1	131	0.00
72	Anthracene	40.000	39.639	0.9	131	0.00
73	Carbazole	40.000	37.457	6.4	122	0.00
74	Di-n-butylphthalate	40.000	38.509	3.7	125	0.00
75 C	Fluoranthene	40.000	36.288	9.3	119	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	106	0.02
77	Benzidine	40.000	30.320	24.2	79	0.00
78	Pyrene	40.000	43.044	-7.6	116	0.01
79 S	Terphenyl-d14	80.000	86.216	-7.8	117	0.01
80	Butylbenzylphthalate	40.000	41.647	-4.1	115	0.00
81	Benzo(a)anthracene	40.000	40.172	-0.4	106	0.01
82	3,3'-Dichlorobenzidine	40.000	40.936	-2.3	102	0.00
83	Chrysene	40.000	39.759	0.6	105	0.01
84	Bis(2-ethylhexyl)phthalate	40.000	43.381	-8.5	109	0.01
85 c	Di-n-octyl phthalate	40.000	39.871	0.3	108	0.01
86 I	Perylene-d12	20.000	20.000	0.0	102	0.02
87	Indeno(1,2,3-cd)pyrene	40.000	41.105	-2.8	102	0.00
88	Benzo(b)fluoranthene	40.000	40.381	-1.0	102	0.01
89	Benzo(k)fluoranthene	40.000	39.984	0.0	100	0.01
90 C	Benzo(a)pyrene	40.000	40.657	-1.6	102	0.02
91	Dibenzo(a,h)anthracene	40.000	41.172	-2.9	103	0.02
92	Benzo(g,h,i)perylene	40.000	41.532	-3.8	104	0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound Amount Calc. %Dev Area% Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JACO05
 Lab Code: CHEM Case No.: P3645 SAS No.: P3645 SDG No.: P3645
 Instrument ID: BNA_M Calibration Date/Time: 08/20/2024 16:55
 Lab File ID: BM047273.D Init. Calib. Date(s): 08/10/2024 08/10/2024
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:12 17:51
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.360	1.085		-20.2	
2-Fluorophenol	1.119	0.994		-11.2	
Benzaldehyde	0.904	0.745		-17.6	
Phenol-d6	1.542	1.269		-17.7	
2-Methylphenol	1.027	0.857		-16.6	
3+4-Methylphenols	1.435	1.166		-18.7	
Nitrobenzene-d5	0.397	0.350		-11.8	
Hexachloroethane	0.569	0.522		-8.3	
Nitrobenzene	0.400	0.355		-11.3	
Naphthalene	0.996	0.903		-9.3	
Hexachlorobutadiene	0.204	0.220		7.8	20.0
2-Methylnaphthalene	0.709	0.628		-11.4	
2,4,6-Trichlorophenol	0.388	0.386		-0.5	20.0
2-Fluorobiphenyl	1.297	1.251		-3.5	
2,4,5-Trichlorophenol	0.430	0.425		-1.2	
Acenaphthylene	1.640	1.497		-8.7	
Acenaphthene	1.041	0.935		-10.2	20.0
Dibenzofuran	1.644	1.484		-9.7	
2,4-Dinitrotoluene	0.436	0.377		-13.5	
Fluorene	1.356	1.194		-11.9	
2,4,6-Tribromophenol	0.232	0.214		-7.8	
Hexachlorobenzene	0.231	0.228		-1.3	
Pentachlorophenol	0.162	0.152		-6.2	20.0
Phenanthrene	1.004	0.897		-10.7	
Anthracene	0.977	0.887		-9.2	
Carbazole	0.997	0.851		-14.6	
Di-n-butylphthalate	1.160	1.035		-10.8	
Fluoranthene	1.221	1.031		-15.6	20.0
Pyrene	1.428	1.417		-0.8	
Terphenyl-d14	0.933	0.957		2.6	
Benzo (a) anthracene	1.328	1.232		-7.2	
Chrysene	1.260	1.143		-9.3	
Bis (2-ethylhexyl) phthalate	0.826	0.826		0.0	
Benzo (b) fluoranthene	1.188	1.051		-11.5	
Benzo (k) fluoranthene	1.122	0.960		-14.4	
Benzo (a) pyrene	1.029	0.911		-11.5	20.0
Indeno (1,2,3-cd) pyrene	1.293	1.186		-8.3	
Dibenzo (a,h) anthracene	1.046	0.962		-8.0	
Benzo (g,h,i) perylene	1.086	1.017		-6.4	

Form VII SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JACO05
 Lab Code: CHEM Case No.: P3645 SAS No.: P3645 SDG No.: P3645
 Instrument ID: BNA_M Calibration Date/Time: 08/20/2024 16:55
 Lab File ID: BM047273.D Init. Calib. Date(s): 08/10/2024 08/10/2024
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:12 17:51
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,4-Dioxane	0.464	0.414		-10.8	20.0
1-Methylnaphthalene	0.701	0.614		-12.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047273.D
 Acq On : 20 Aug 2024 16:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 20 17:46:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.357	152	329969	20.000	ng	-0.02	
21) Naphthalene-d8	10.116	136	1193764	20.000	ng	-0.02	
39) Acenaphthene-d10	14.022	164	731367	20.000	ng	-0.01	
64) Phenanthrene-d10	16.786	188	1421243	20.000	ng	0.00	
76) Chrysene-d12	21.027	240	1062416	20.000	ng	0.00	
86) Perylene-d12	23.721	264	1267877	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.016	112	1312414	71.070	ng	0.00	
7) Phenol-d6	6.575	99	1674677	65.815	ng	-0.01	
23) Nitrobenzene-d5	8.510	82	1669423	70.417	ng	-0.01	
42) 2,4,6-Tribromophenol	15.533	330	626403	73.866	ng	0.00	
45) 2-Fluorobiphenyl	12.628	172	3659800	77.189	ng	-0.02	
79) Terphenyl-d14	19.451	244	4066401	82.014	ng	-0.01	
Target Compounds							
2) 1,4-Dioxane	3.034	88	273247	35.712	ng		97
3) Pyridine	3.405	79	715784	31.902	ng		97
4) n-Nitrosodimethylamine	3.328	42	314835	32.118	ng		97
6) Aniline	6.710	93	769145	31.980	ng		98
8) 2-Chlorophenol	6.940	128	705274	35.017	ng		97
9) Benzaldehyde	6.528	77	491593	35.040	ng		99
10) Phenol	6.598	94	822321	32.387	ng		99
11) bis(2-Chloroethyl)ether	6.810	93	716009	32.930	ng		99
12) 1,3-Dichlorobenzene	7.246	146	892310	37.282	ng		97
13) 1,4-Dichlorobenzene	7.393	146	891432	36.786	ng		99
14) 1,2-Dichlorobenzene	7.704	146	826199	36.135	ng		99
15) Benzyl Alcohol	7.610	79	585565	32.335	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.898	45	874859	31.356	ng		99
17) 2-Methylphenol	7.822	107	565669	33.395	ng		99
18) Hexachloroethane	8.410	117	344257	36.675	ng		94
19) n-Nitroso-di-n-propyla...	8.169	70	510454	29.782	ng		99
20) 3+4-Methylphenols	8.151	107	769596	32.499	ng		99
22) Acetophenone	8.181	105	1017954	35.327	ng		99
24) Nitrobenzene	8.551	77	847306	35.493	ng		97
25) Isophorone	9.075	82	1422967	34.472	ng		98
26) 2-Nitrophenol	9.251	139	412755	39.041	ng		94
27) 2,4-Dimethylphenol	9.334	122	454573	36.706	ng		99
28) bis(2-Chloroethoxy)met...	9.557	93	917781	35.335	ng		100
29) 2,4-Dichlorophenol	9.787	162	715708	38.949	ng		98
30) 1,2,4-Trichlorobenzene	9.987	180	834158	40.114	ng		99
31) Naphthalene	10.163	128	2157087	36.272	ng		99
32) Benzoic acid	9.516	122	520543	36.179	ng		98
33) 4-Chloroaniline	10.292	127	782324	34.209	ng		99
34) Hexachlorobutadiene	10.451	225	525586	43.182	ng		99
35) Caprolactam	11.098	113	200846	31.474	ng		95
36) 4-Chloro-3-methylphenol	11.445	107	663962	33.928	ng		96
37) 2-Methylnaphthalene	11.792	142	1499268	35.408	ng		98
38) 1-Methylnaphthalene	12.016	142	1466661	35.048	ng		98
40) 1,2,4,5-Tetrachloroben...	12.175	216	855241	42.873	ng		98
41) Hexachlorocyclopentadiene	12.145	237	259819	37.300	ng		97
43) 2,4,6-Trichlorophenol	12.433	196	564405	39.807	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047273.D
 Acq On : 20 Aug 2024 16:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 SSTDCCC040

Quant Time: Aug 20 17:46:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

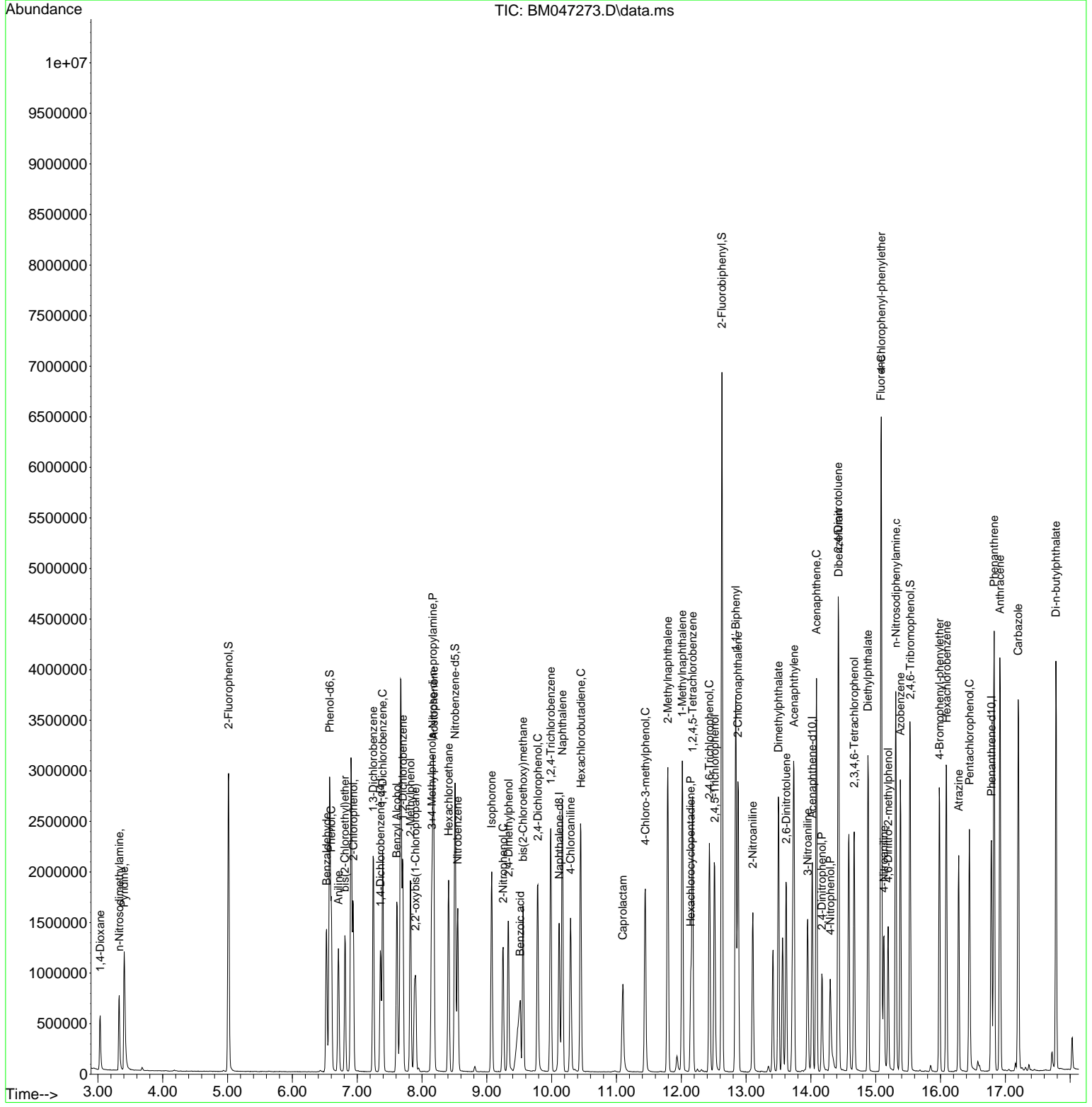
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	621795	39.498	ng	97
46) 1,1'-Biphenyl	12.839	154	1944726	37.350	ng	100
47) 2-Chloronaphthalene	12.875	162	1511812	37.149	ng	98
48) 2-Nitroaniline	13.104	65	431622	33.855	ng	97
49) Acenaphthylene	13.739	152	2189181	36.494	ng	100
50) Dimethylphthalate	13.498	163	1801315	35.265	ng	99
51) 2,6-Dinitrotoluene	13.622	165	435475	36.470	ng	88
52) Acenaphthene	14.086	154	1368311	35.959	ng	100
53) 3-Nitroaniline	13.951	138	402094	33.606	ng	97
54) 2,4-Dinitrophenol	14.169	184	234044	32.704	ng	94
55) Dibenzofuran	14.427	168	2170780	36.117	ng	98
56) 4-Nitrophenol	14.298	139	315157	30.546	ng	100
57) 2,4-Dinitrotoluene	14.422	165	551672	34.614	ng	97
58) Fluorene	15.080	166	1746821	35.223	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.669	232	492153	38.039	ng	94
60) Diethylphthalate	14.880	149	1774218	34.014	ng	98
61) 4-Chlorophenyl-phenyle...	15.086	204	864847	36.631	ng	96
62) 4-Nitroaniline	15.127	138	371797	31.542	ng	95
63) Azobenzene	15.380	77	1599192	32.335	ng	96
65) 4,6-Dinitro-2-methylph...	15.192	198	321066	38.584	ng	92
66) n-Nitrosodiphenylamine	15.310	169	1462129	37.770	ng	99
67) 4-Bromophenyl-phenylether	15.986	248	556270	40.618	ng	96
68) Hexachlorobenzene	16.092	284	648467	39.535	ng	95
69) Atrazine	16.280	200	379503	32.579	ng	98
70) Pentachlorophenol	16.445	266	430757	37.465	ng	99
71) Phenanthrene	16.827	178	2549232	35.740	ng	99
72) Anthracene	16.915	178	2521120	36.326	ng	100
73) Carbazole	17.198	167	2419855	34.149	ng	100
74) Di-n-butylphthalate	17.780	149	2942272	35.685	ng	100
75) Fluoranthene	18.862	202	2930737	33.781	ng	99
77) Benzidine	19.068	184	920392	51.085	ng	99
78) Pyrene	19.227	202	3009886	39.677	ng	99
80) Butylbenzylphthalate	20.168	149	1246855	40.275	ng	93
81) Benzo(a)anthracene	21.009	228	2616899	37.104	ng	100
82) 3,3'-Dichlorobenzidine	20.951	252	854062	38.703	ng	99
83) Chrysene	21.062	228	2429241	36.303	ng	99
84) Bis(2-ethylhexyl)phtha...	20.968	149	1755081	39.975	ng #	99
85) Di-n-octyl phthalate	21.997	149	2964286	39.723	ng	98
87) Indeno(1,2,3-cd)pyrene	26.721	276	3007575	36.699	ng	98
88) Benzo(b)fluoranthene	22.880	252	2664466	35.387	ng	99
89) Benzo(k)fluoranthene	22.933	252	2433193	34.213	ng	100
90) Benzo(a)pyrene	23.597	252	2309770	35.412	ng	99
91) Dibenzo(a,h)anthracene	26.768	278	2438519	36.768	ng	100
92) Benzo(g,h,i)perylene	27.650	276	2577962	37.438	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047273.D
 Acq On : 20 Aug 2024 16:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 SSTDCCC040

Quant Time: Aug 20 17:46:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

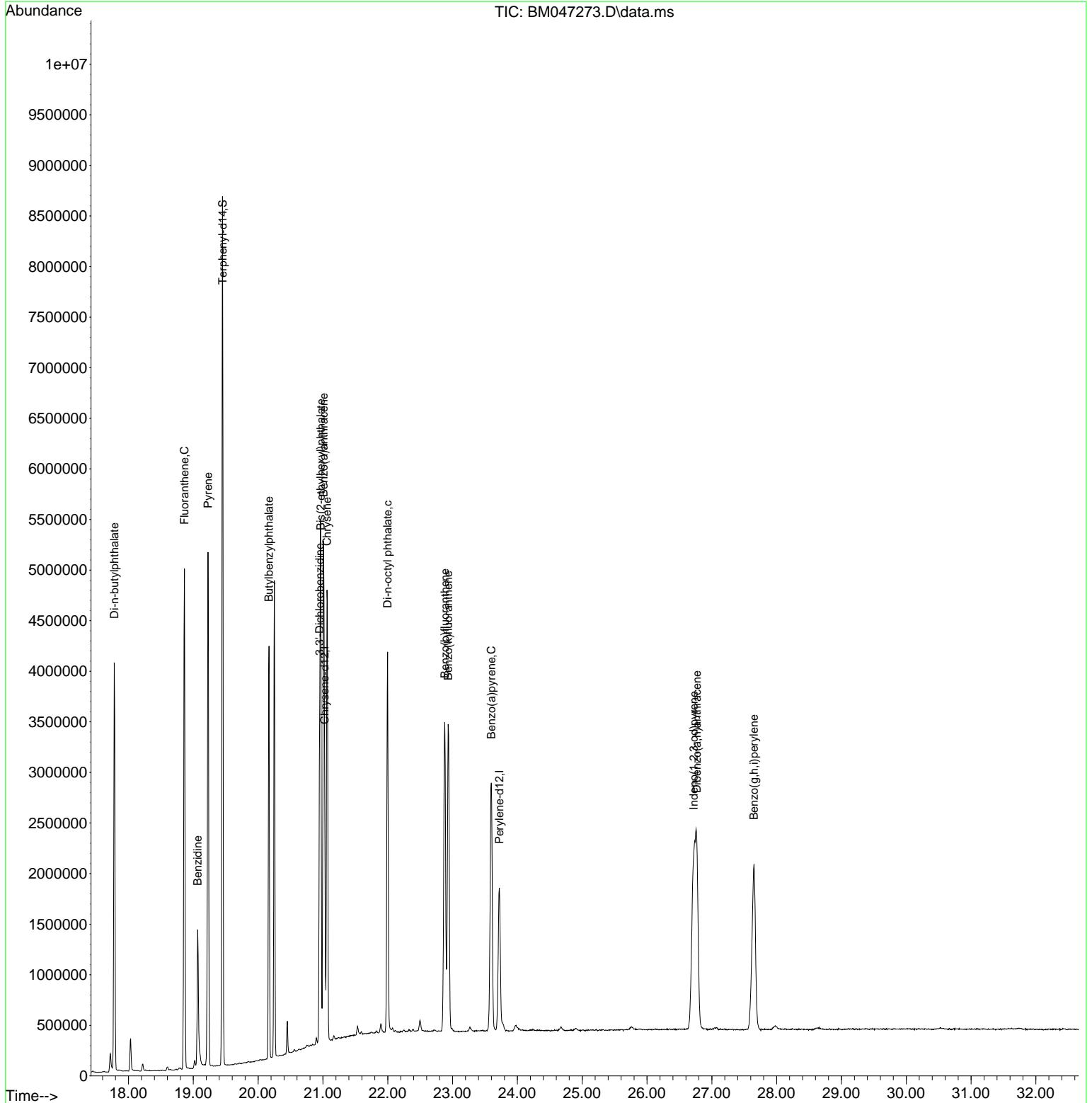


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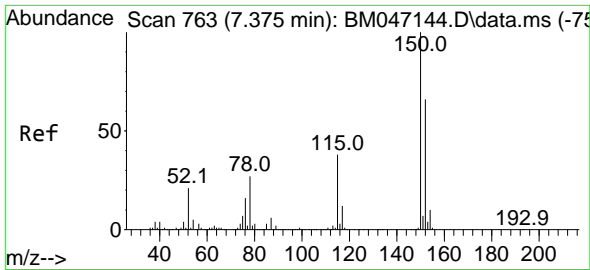
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 Data File : BM047273.D
 Acq On : 20 Aug 2024 16:55
 Operator : RC/JU
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Instrument :
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Quant Time: Aug 20 17:46:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

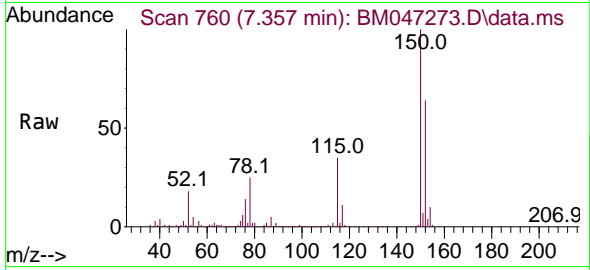


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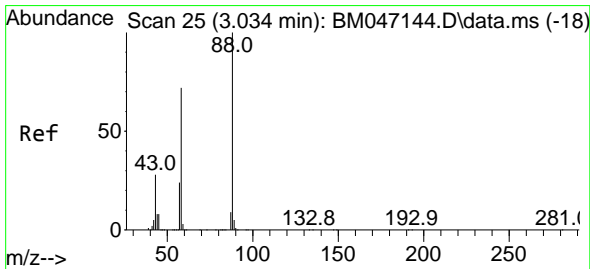
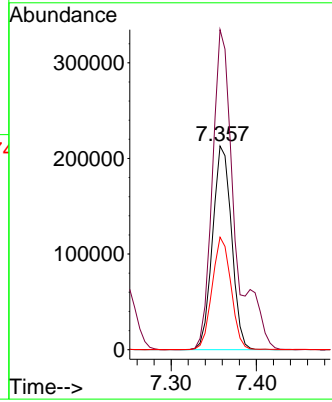
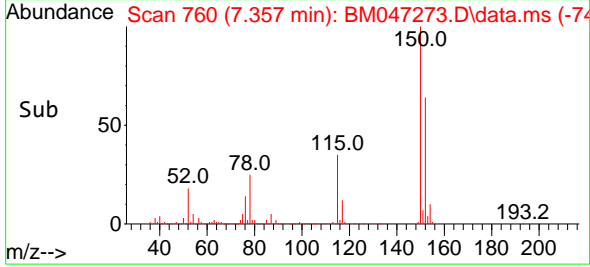


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.357 min Scan# 70
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

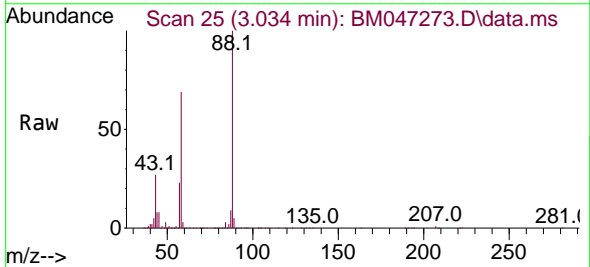
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040



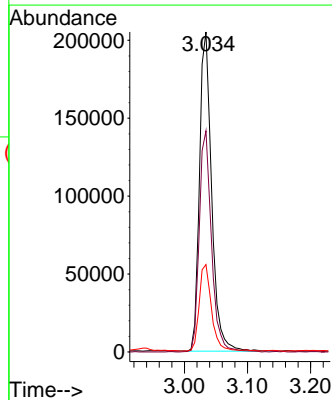
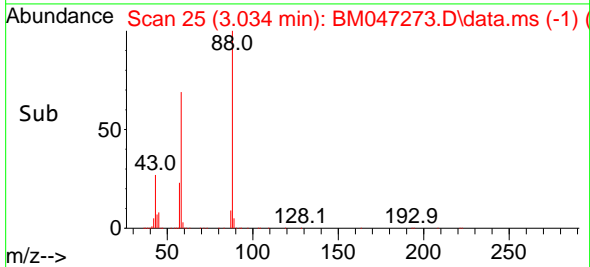
Tgt Ion:152 Resp: 329969
 Ion Ratio Lower Upper
 152 100
 150 157.1 120.5 180.7
 115 55.2 45.5 68.3

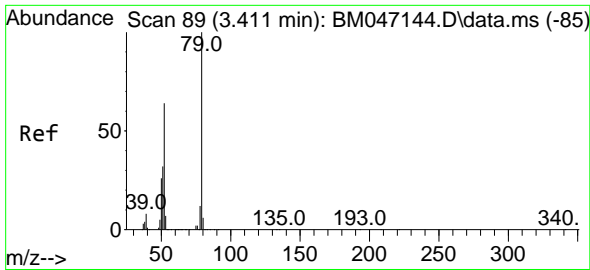


#2
 1,4-Dioxane
 Concen: 35.712 ng
 RT: 3.034 min Scan# 25
 Delta R.T. -0.000 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55



Tgt Ion: 88 Resp: 273247
 Ion Ratio Lower Upper
 88 100
 58 69.8 58.2 87.4
 43 27.7 22.5 33.7



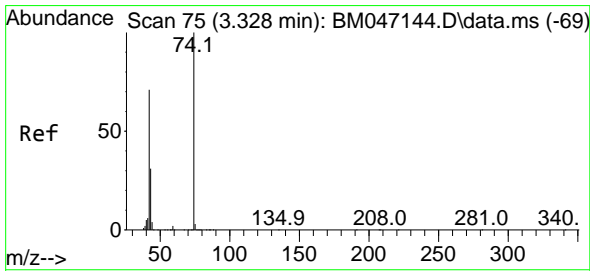
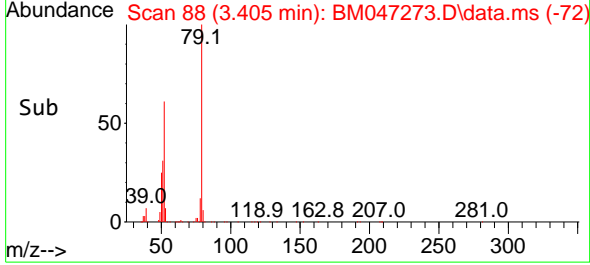
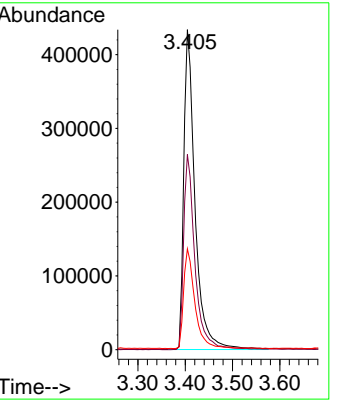
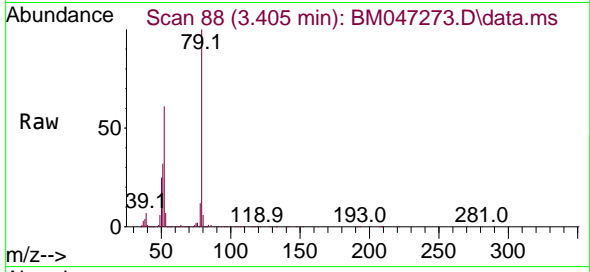


#3
 Pyridine
 Concen: 31.902 ng
 RT: 3.405 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 79 Resp: 715784

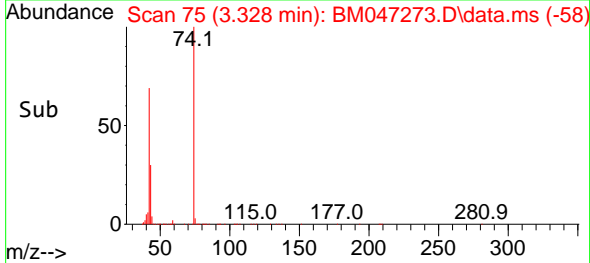
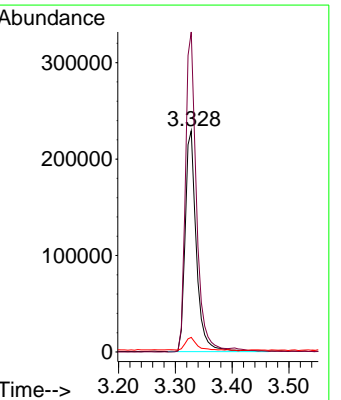
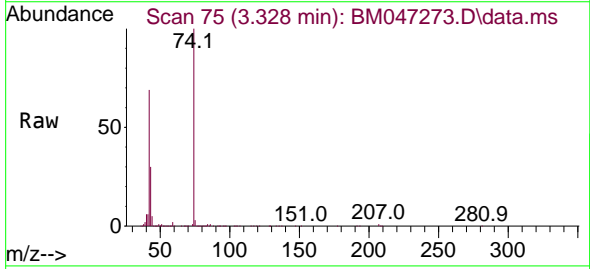
Ion	Ratio	Lower	Upper
79	100		
52	61.0	51.2	76.8
51	31.5	26.1	39.1

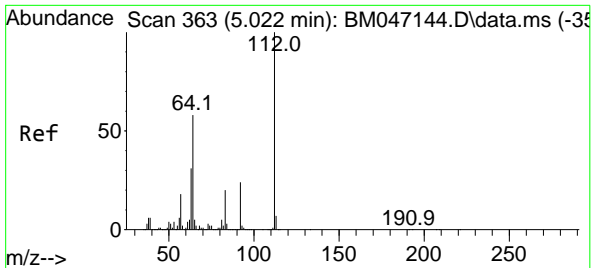


#4
 n-Nitrosodimethylamine
 Concen: 32.118 ng
 RT: 3.328 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion: 42 Resp: 314835

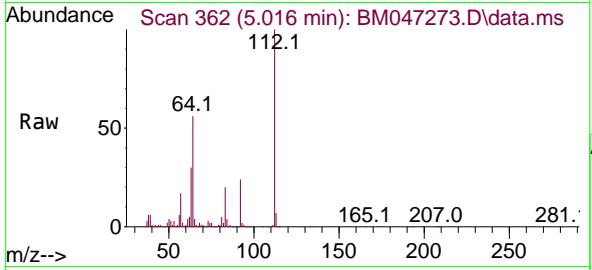
Ion	Ratio	Lower	Upper
42	100		
74	144.7	112.9	169.3
44	6.6	5.3	7.9





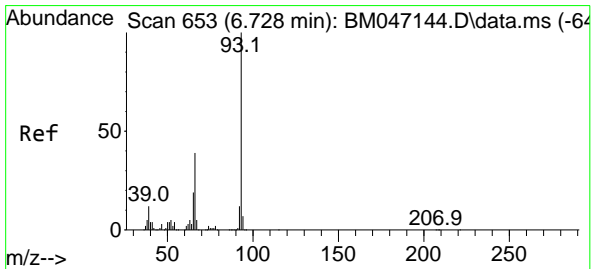
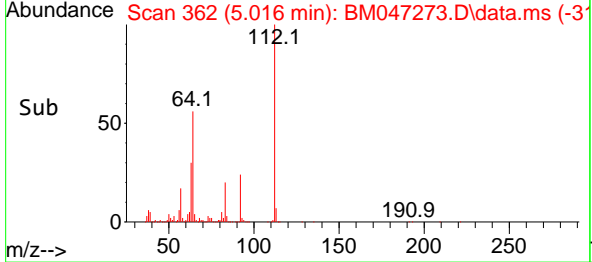
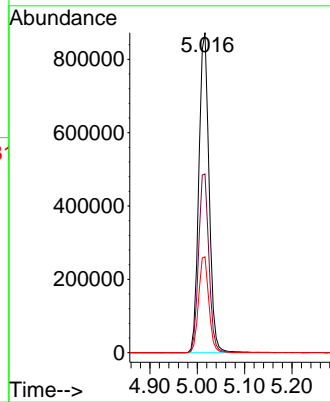
#5
 2-Fluorophenol
 Concen: 71.070 ng
 RT: 5.016 min Scan# 362
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument : BNA_M
 ClientSampleId : SSTDCCC040



Tgt Ion:112 Resp: 1312414

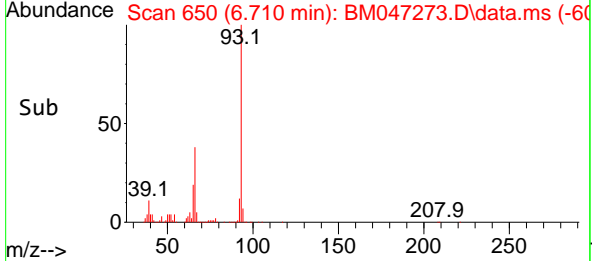
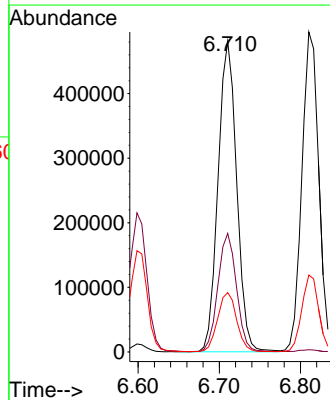
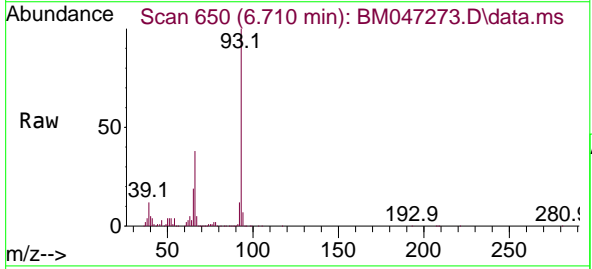
Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.7	70.1
63	29.9	24.8	37.2

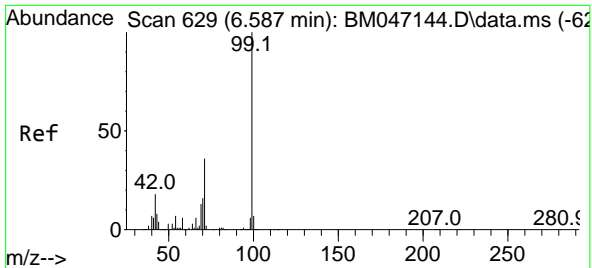


#6
 Aniline
 Concen: 31.980 ng
 RT: 6.710 min Scan# 650
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion: 93 Resp: 769145

Ion	Ratio	Lower	Upper
93	100		
66	38.1	31.4	47.2
65	19.1	15.6	23.4



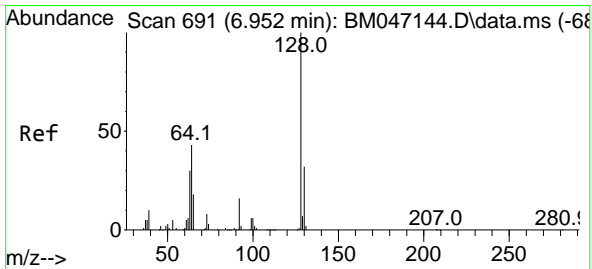
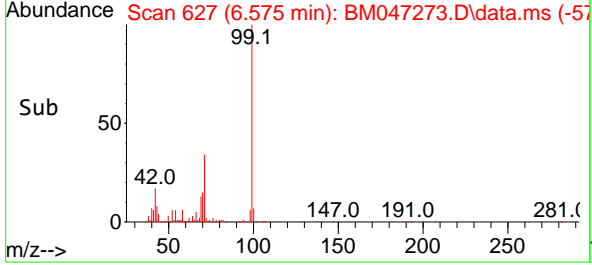
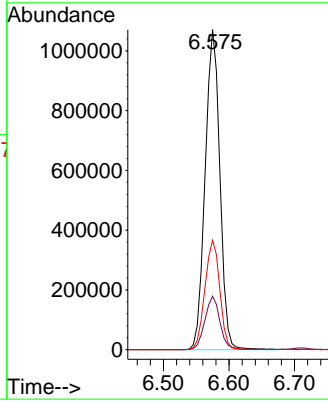
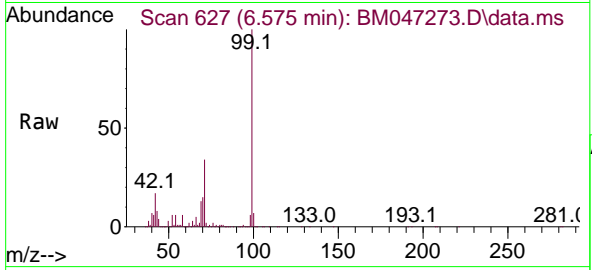


#7
 Phenol-d6
 Concen: 65.815 ng
 RT: 6.575 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 99 Resp: 1674677

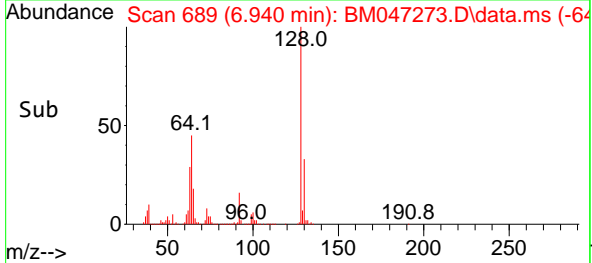
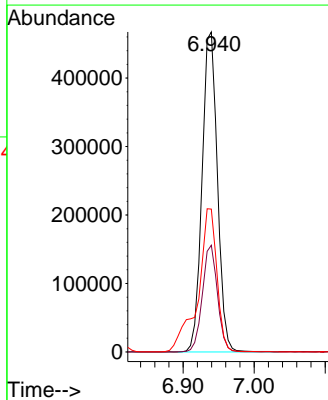
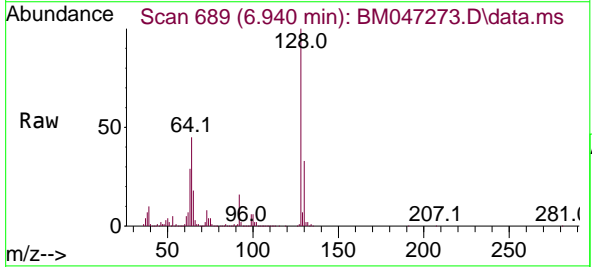
Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.1	21.1
71	34.2	28.5	42.7

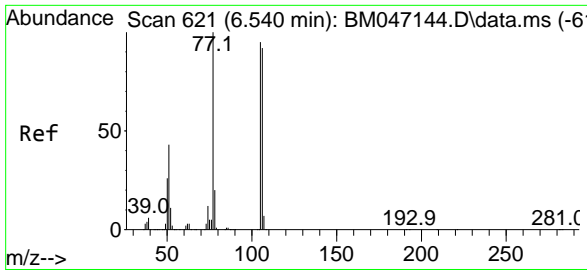


#8
 2-Chlorophenol
 Concen: 35.017 ng
 RT: 6.940 min Scan# 689
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion: 128 Resp: 705274

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.1	52.1
64	44.7	26.6	66.6



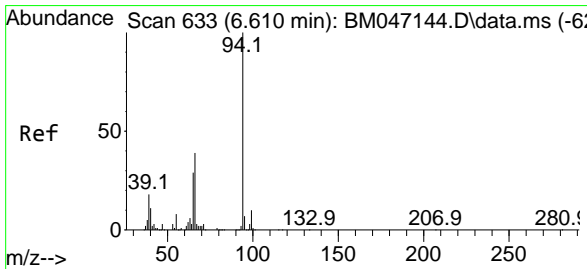
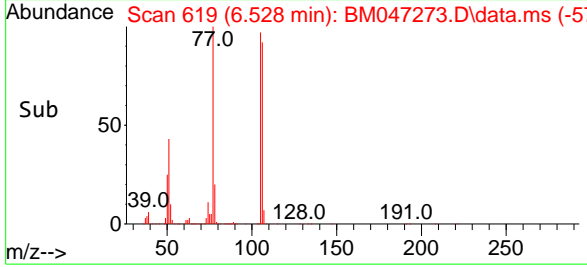
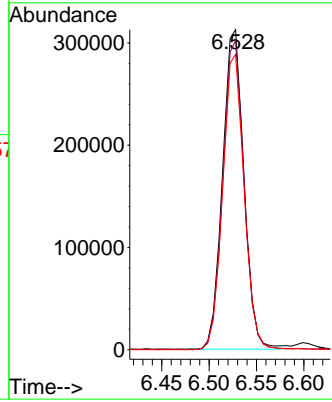
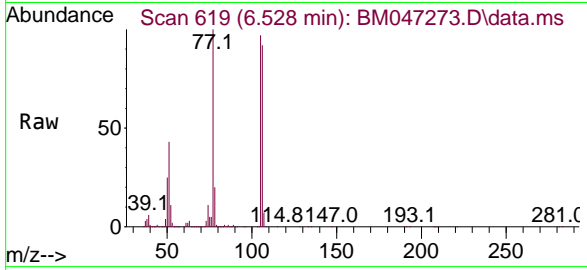


#9
 Benzaldehyde
 Concen: 35.040 ng
 RT: 6.528 min Scan# 619
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 77 Resp: 491593

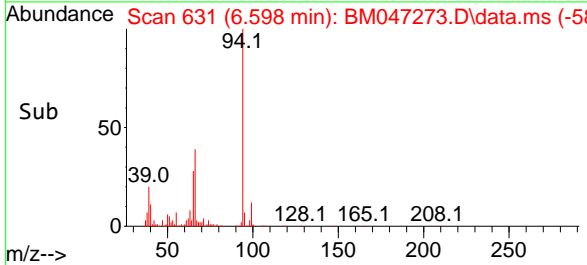
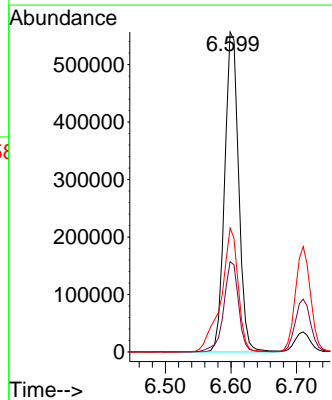
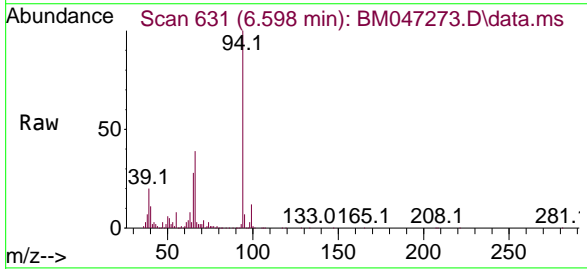
Ion	Ratio	Lower	Upper
77	100		
105	96.5	74.5	114.5
106	92.3	72.3	112.3

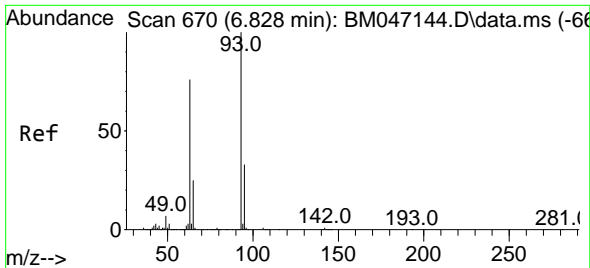


#10
 Phenol
 Concen: 32.387 ng
 RT: 6.598 min Scan# 631
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion: 94 Resp: 822321

Ion	Ratio	Lower	Upper
94	100		
65	28.2	9.0	49.0
66	38.7	18.9	58.9



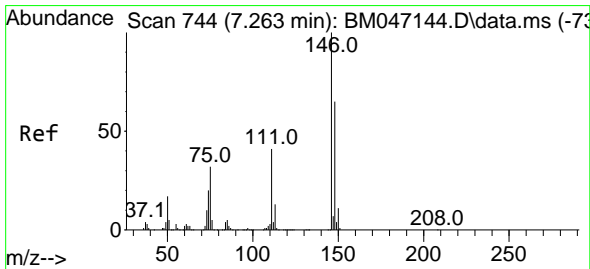
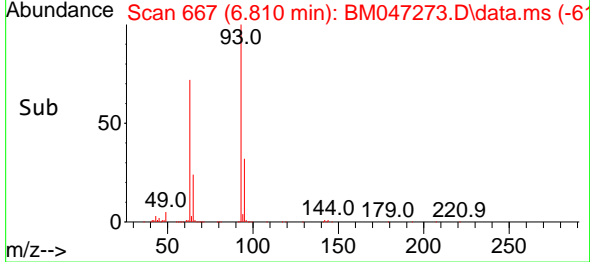
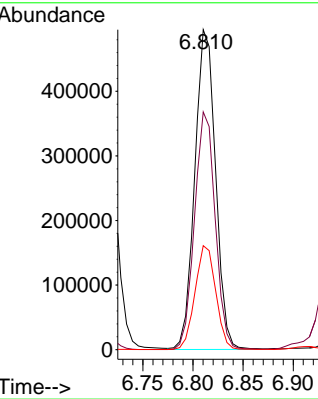
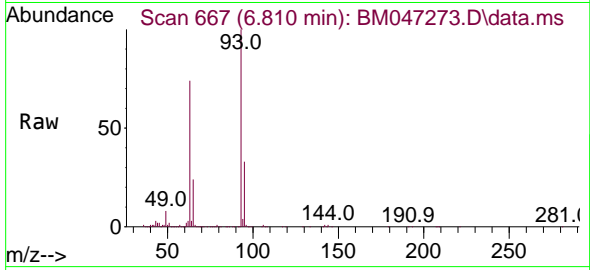


#11
 bis(2-Chloroethyl)ether
 Concen: 32.930 ng
 RT: 6.810 min Scan# 609
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 93 Resp: 716009

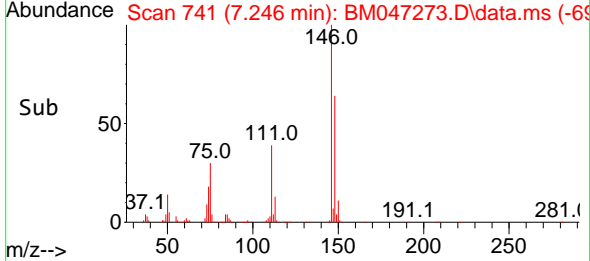
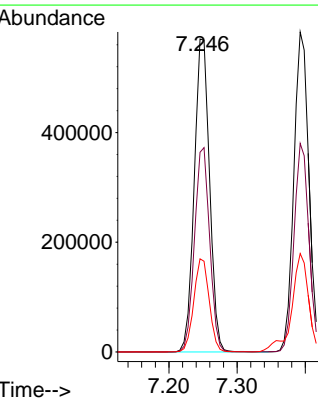
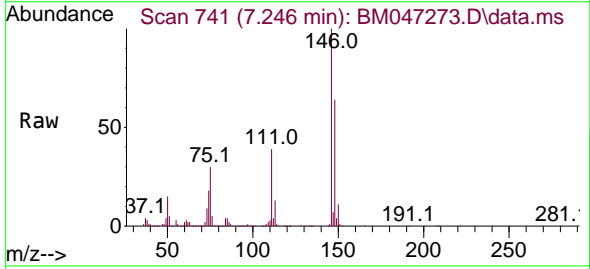
Ion	Ratio	Lower	Upper
93	100		
63	74.3	55.8	95.8
95	32.5	12.7	52.7

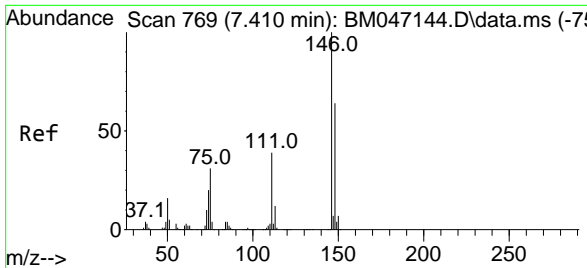


#12
 1,3-Dichlorobenzene
 Concen: 37.282 ng
 RT: 7.246 min Scan# 741
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion: 146 Resp: 892310

Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.3	78.5
75	29.8	25.8	38.6

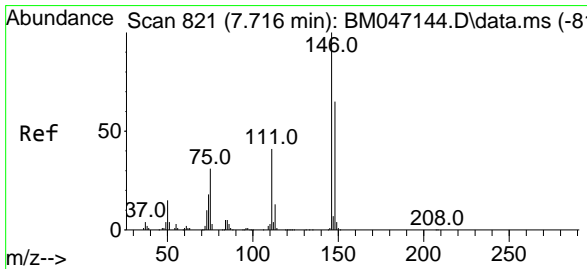
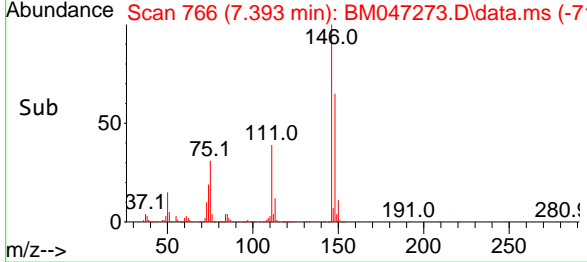
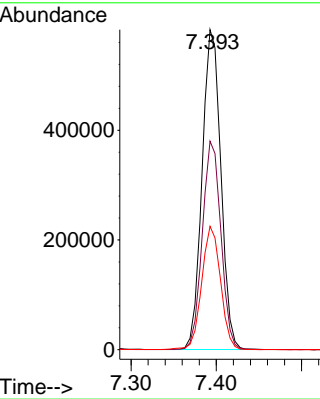
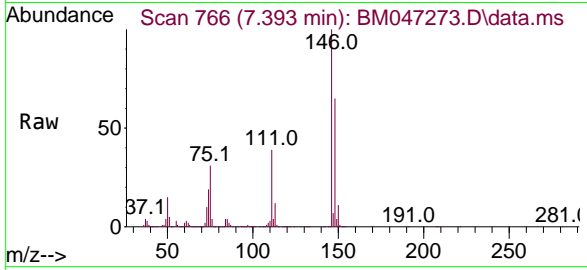




#13
 1,4-Dichlorobenzene
 Concen: 36.786 ng
 RT: 7.393 min Scan# 701
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

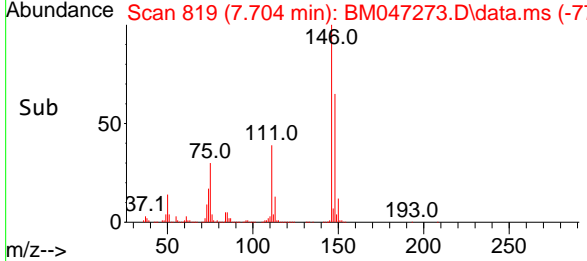
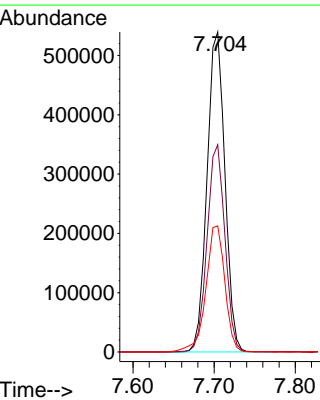
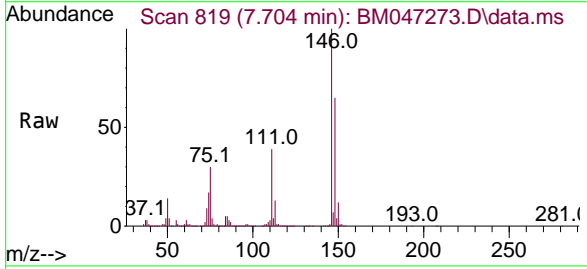
Instrument : BNA_M
 ClientSampleId : SSTDCCC040

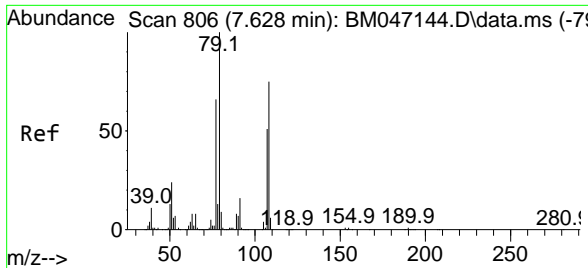
Tgt Ion	Resp	Lower	Upper
146	891432		
148	65.1	51.4	77.2
111	38.5	31.5	47.3



#14
 1,2-Dichlorobenzene
 Concen: 36.135 ng
 RT: 7.704 min Scan# 819
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion	Resp	Lower	Upper
146	826199		
148	64.8	51.8	77.8
111	39.4	33.3	49.9



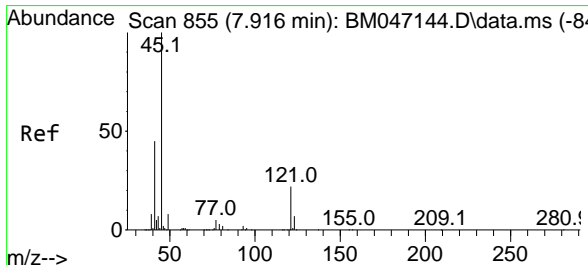
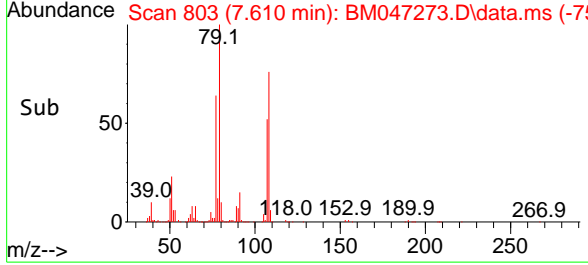
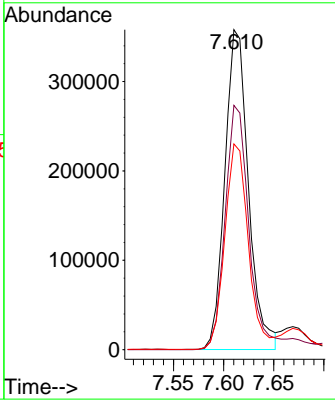
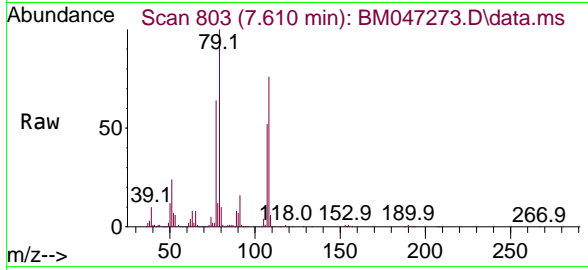


#15
 Benzyl Alcohol
 Concen: 32.335 ng
 RT: 7.610 min Scan# 803
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument : BNA_M
 ClientSampleId : SSTDCCC040

Tgt Ion: 79 Resp: 585565

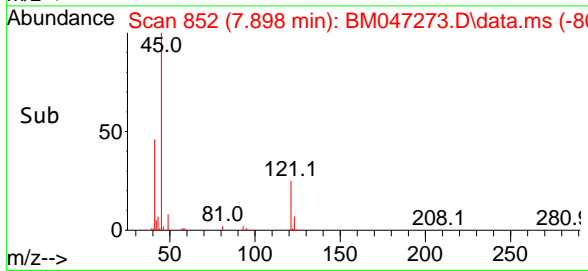
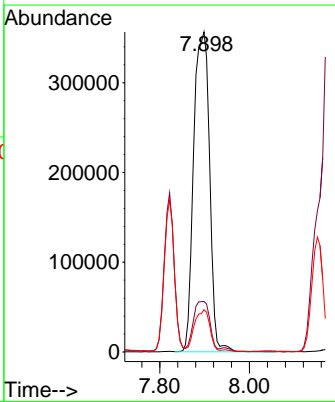
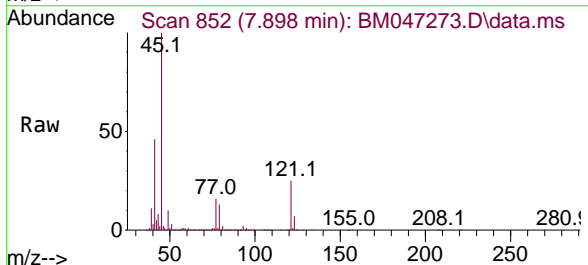
Ion	Ratio	Lower	Upper
79	100		
108	76.4	59.7	89.5
77	64.3	52.9	79.3

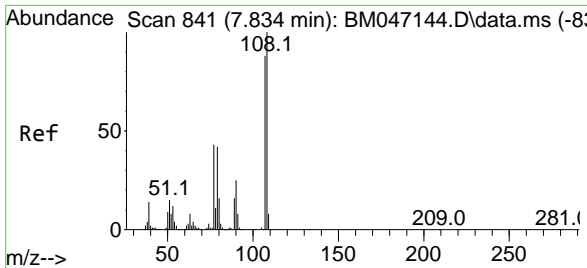


#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 31.356 ng
 RT: 7.898 min Scan# 852
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion: 45 Resp: 874859

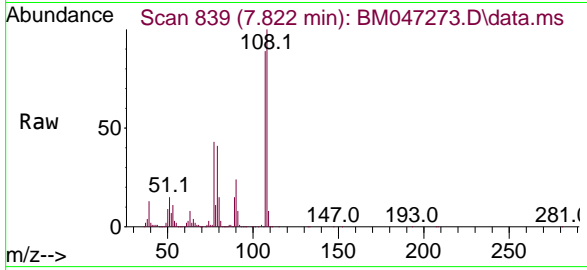
Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	35.6
79	13.2	0.0	32.4





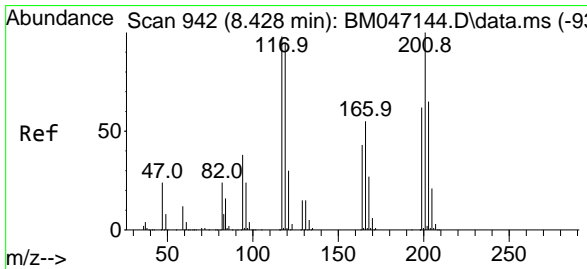
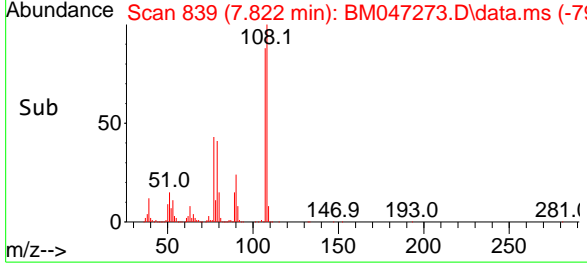
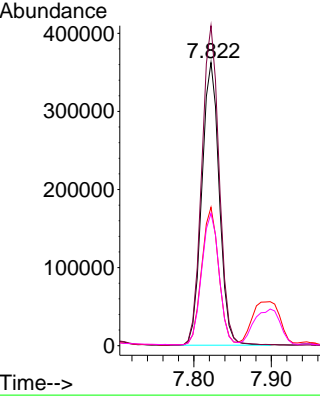
#17
 2-Methylphenol
 Concen: 33.395 ng
 RT: 7.822 min Scan# 811
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040



Tgt Ion:107 Resp: 565669

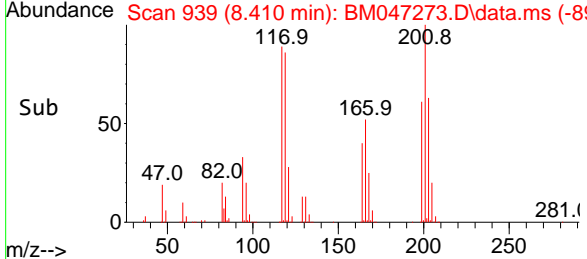
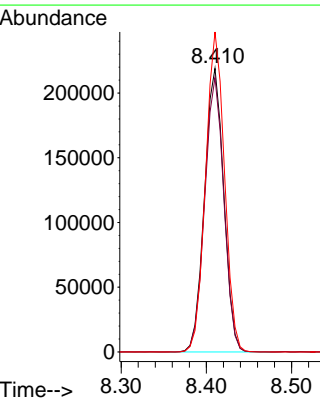
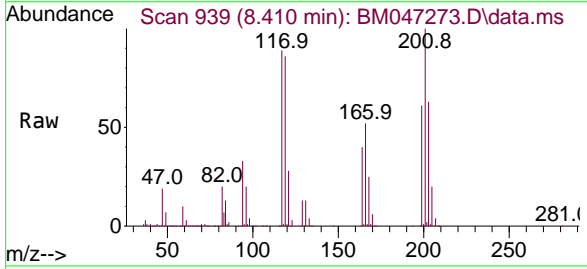
Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.6	135.8
77	48.9	39.3	58.9
79	46.7	38.6	58.0

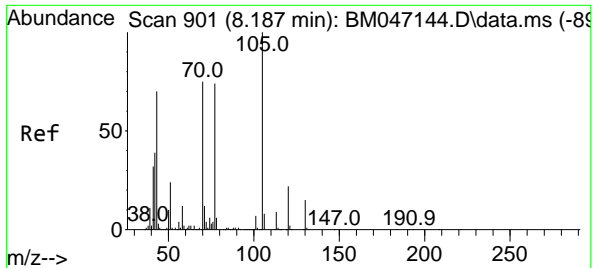


#18
 Hexachloroethane
 Concen: 36.675 ng
 RT: 8.410 min Scan# 939
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion:117 Resp: 344257

Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.0	115.4
201	112.9	81.3	121.9





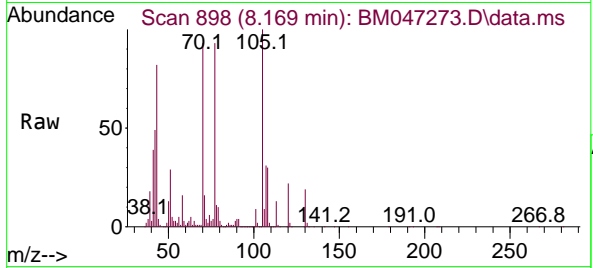
#19
 n-Nitroso-di-n-propylamine
 Concen: 29.782 ng
 RT: 8.169 min Scan# 898
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :

BNA_M

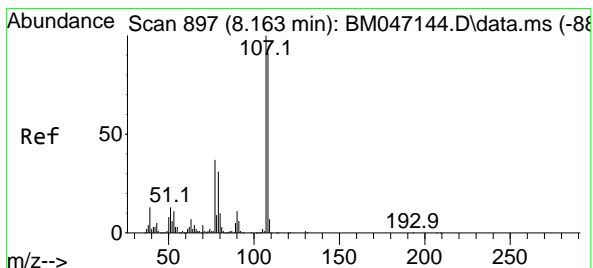
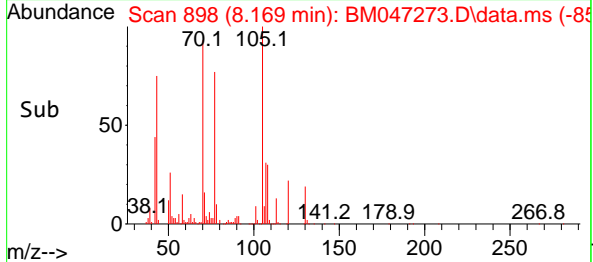
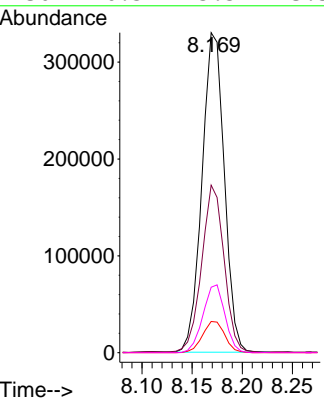
ClientSampleId :

SSTDC040

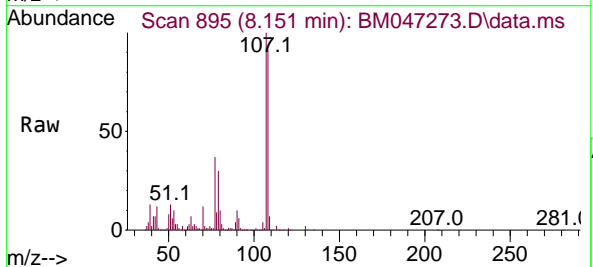


Tgt Ion: 70 Resp: 510454

Ion	Ratio	Lower	Upper
70	100		
42	52.4	42.0	63.0
101	9.8	7.2	10.8
130	20.5	15.5	23.3

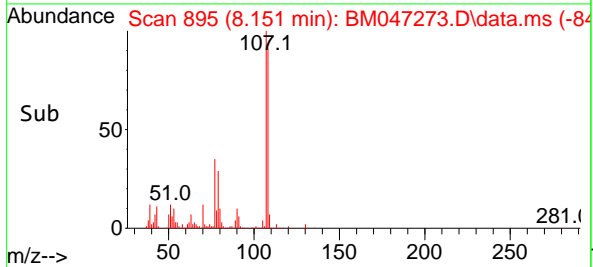
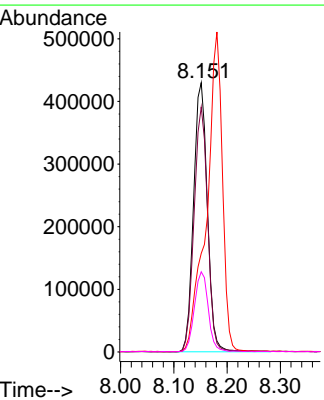


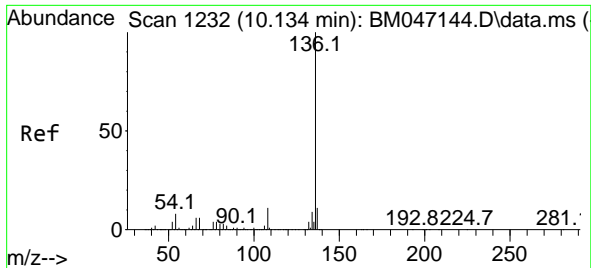
#20
 3+4-Methylphenols
 Concen: 32.499 ng
 RT: 8.151 min Scan# 895
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55



Tgt Ion: 107 Resp: 769596

Ion	Ratio	Lower	Upper
107	100		
108	91.0	70.7	110.7
77	36.6	17.4	57.4
79	29.8	10.9	50.9





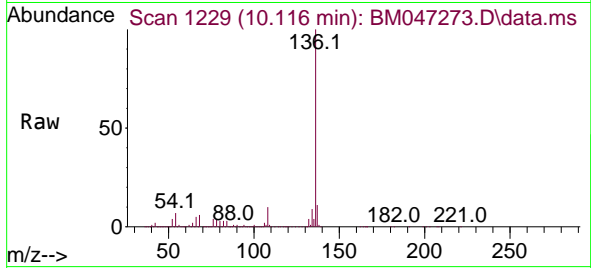
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.116 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :

BNA_M

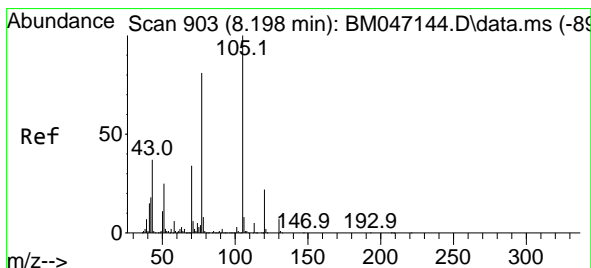
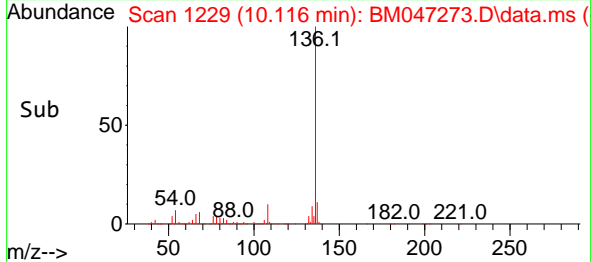
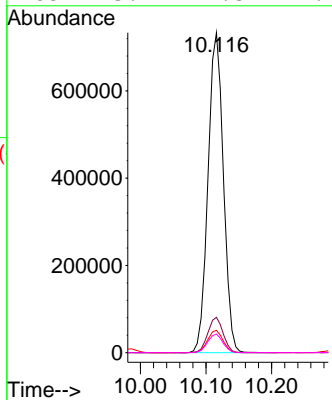
ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 1193764

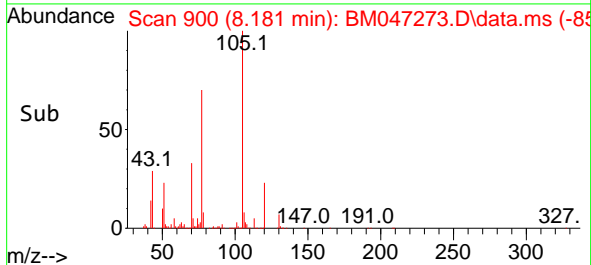
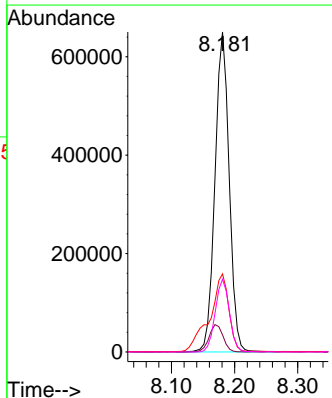
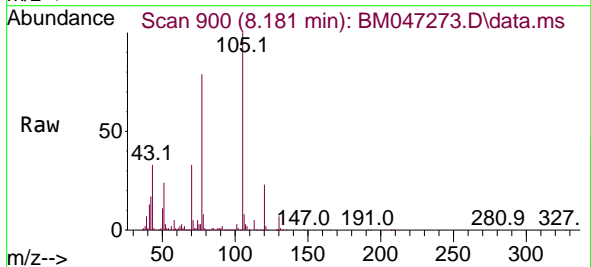
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.0	6.0	9.0
68	5.9	4.8	7.2

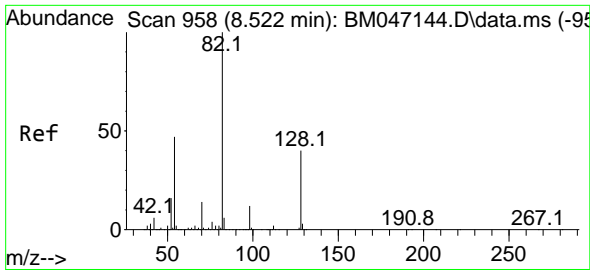


#22
 Acetophenone
 Concen: 35.327 ng
 RT: 8.181 min Scan# 900
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion:105 Resp: 1017954

Ion	Ratio	Lower	Upper
105	100		
71	5.4	4.5	6.7
51	24.4	20.1	30.1
120	22.7	17.8	26.6



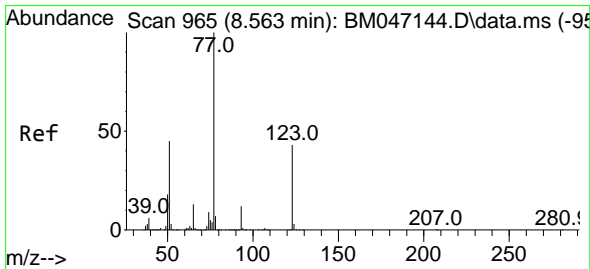
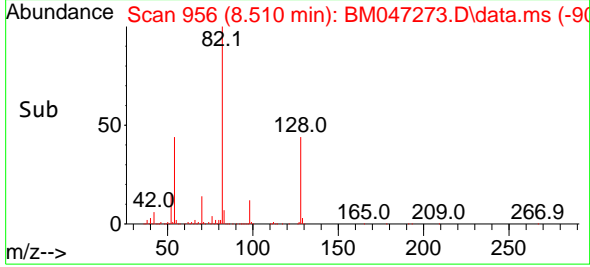
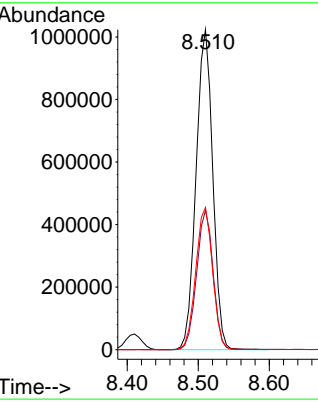
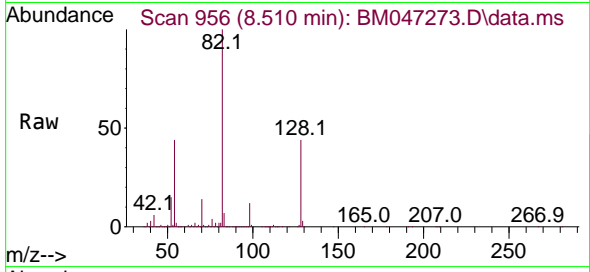


#23
 Nitrobenzene-d5
 Concen: 70.417 ng
 RT: 8.510 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1669423

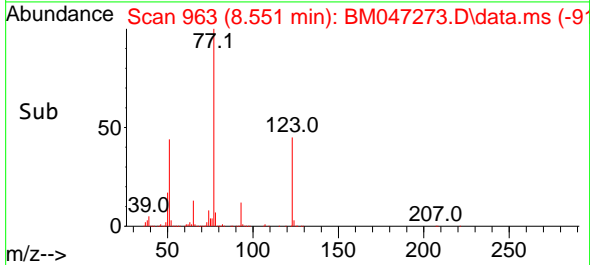
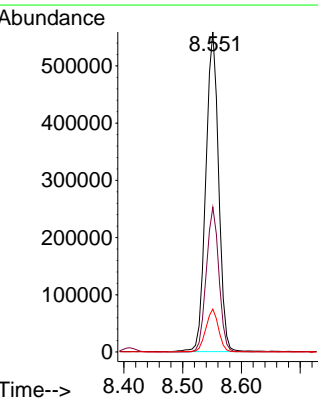
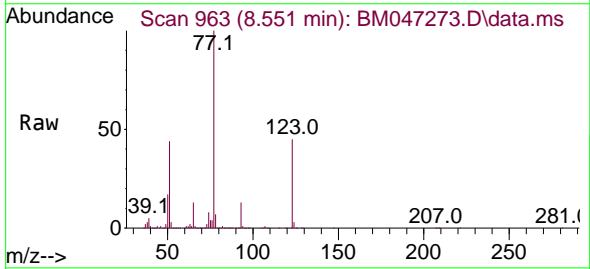
Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.3	48.5
54	44.5	37.4	56.2

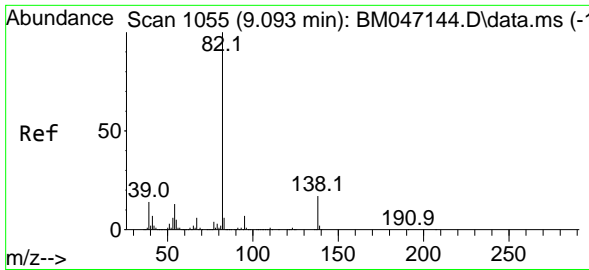


#24
 Nitrobenzene
 Concen: 35.493 ng
 RT: 8.551 min Scan# 963
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion: 77 Resp: 847306

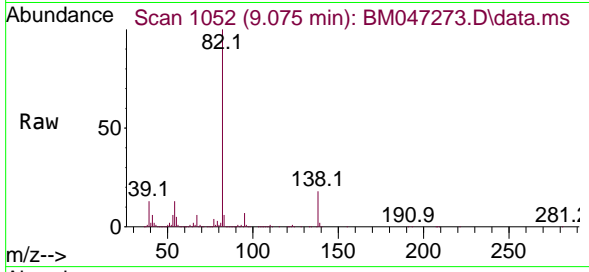
Ion	Ratio	Lower	Upper
77	100		
123	45.2	34.0	51.0
65	13.4	10.5	15.7



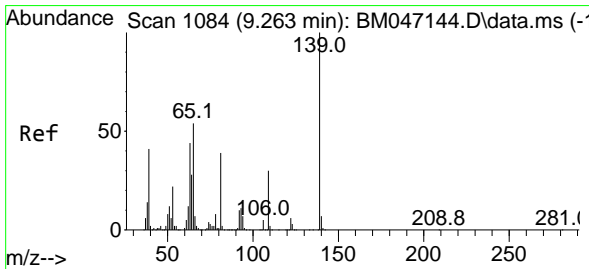
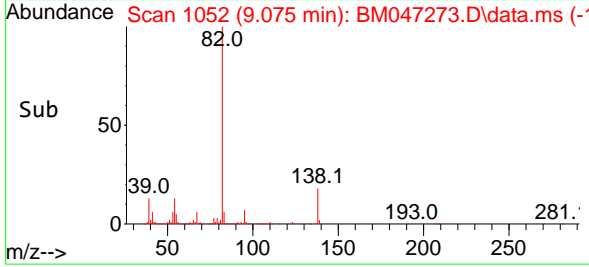
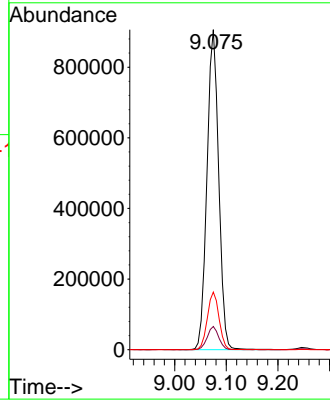


#25
 Isophorone
 Concen: 34.472 ng
 RT: 9.075 min Scan# 1052
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

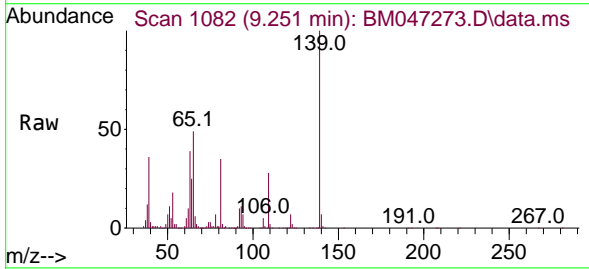
Instrument : BNA_M
 ClientSampleId : SSTDCCC040



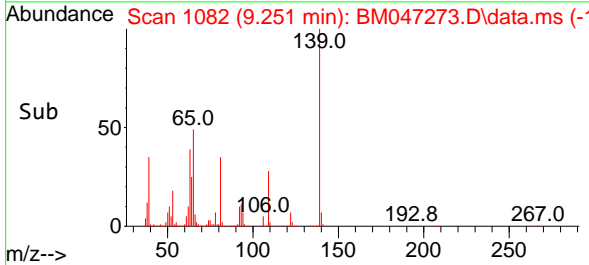
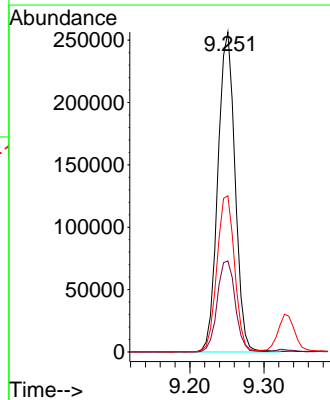
Tgt Ion: 82 Resp: 1422967
 Ion Ratio Lower Upper
 82 100
 95 7.3 5.5 8.3
 138 18.0 13.5 20.3

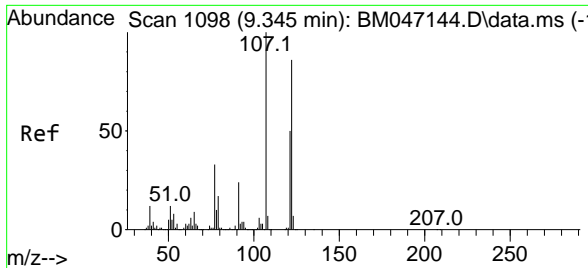


#26
 2-Nitrophenol
 Concen: 39.041 ng
 RT: 9.251 min Scan# 1082
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55



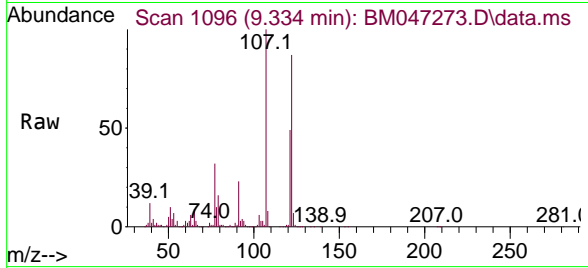
Tgt Ion: 139 Resp: 412755
 Ion Ratio Lower Upper
 139 100
 109 28.5 24.4 36.6
 65 48.8 43.0 64.6





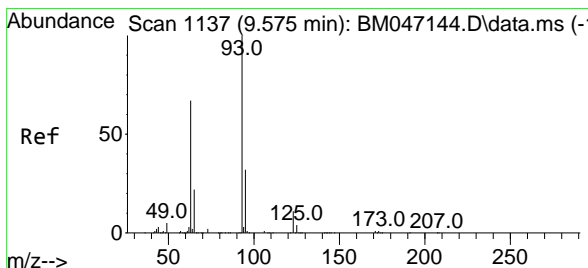
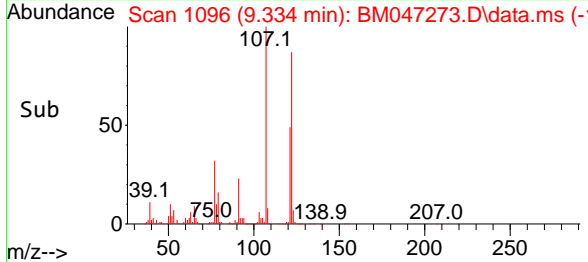
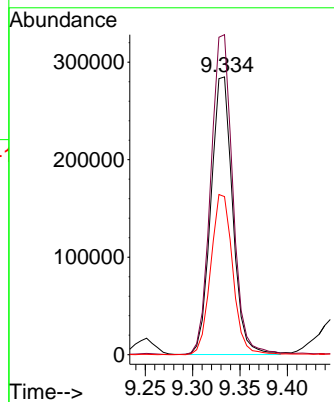
#27
 2,4-Dimethylphenol
 Concen: 36.706 ng
 RT: 9.334 min Scan# 1096
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040



Tgt Ion: 122 Resp: 454573

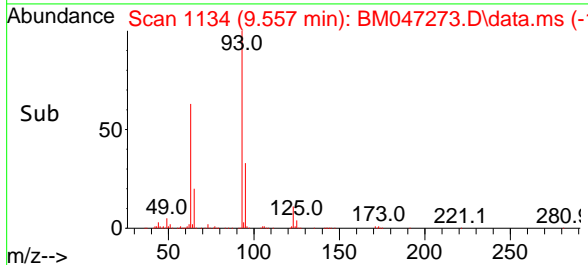
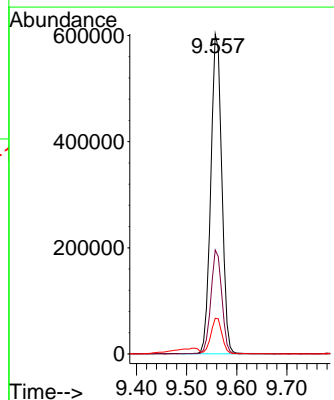
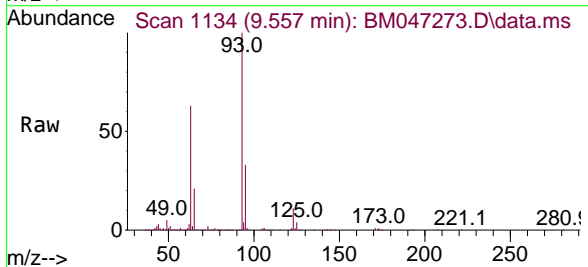
Ion	Ratio	Lower	Upper
122	100		
107	115.2	92.8	139.2
121	56.9	46.1	69.1

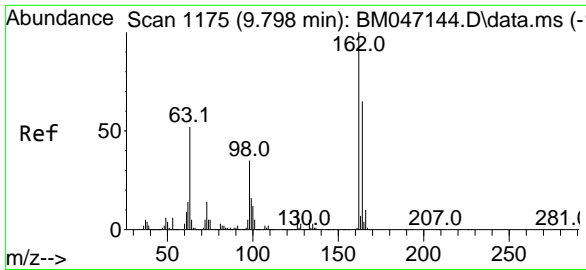


#28
 bis(2-Chloroethoxy)methane
 Concen: 35.335 ng
 RT: 9.557 min Scan# 1134
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion: 93 Resp: 917781

Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.8
123	11.1	9.0	13.4



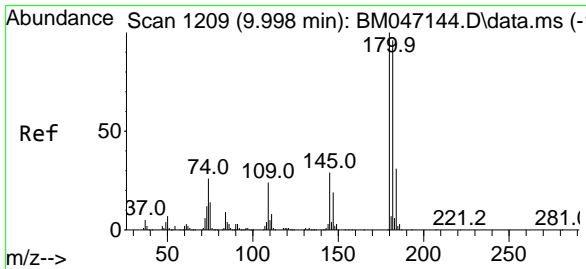
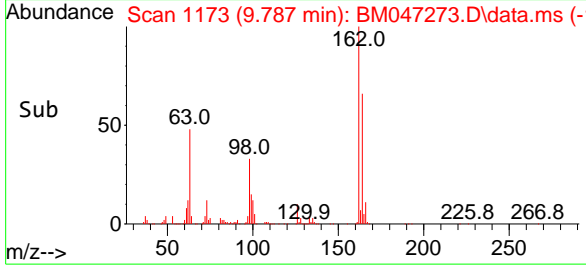
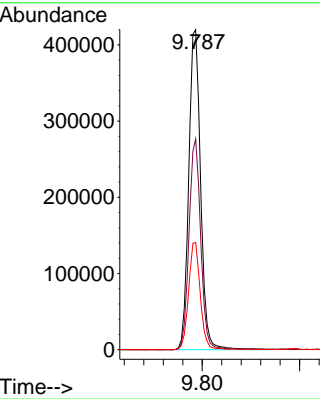
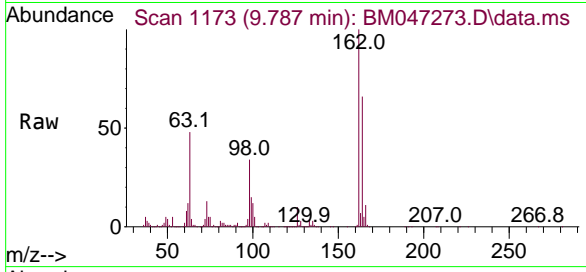


#29
 2,4-Dichlorophenol
 Concen: 38.949 ng
 RT: 9.787 min Scan# 1173
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 715708

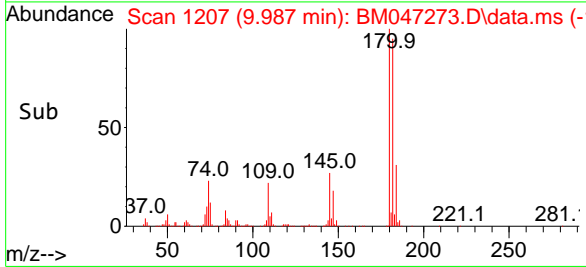
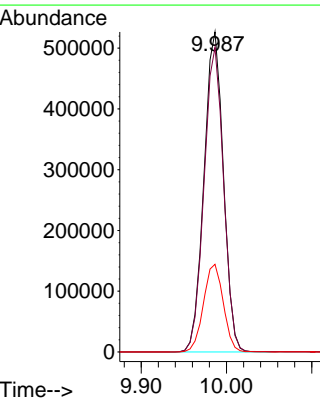
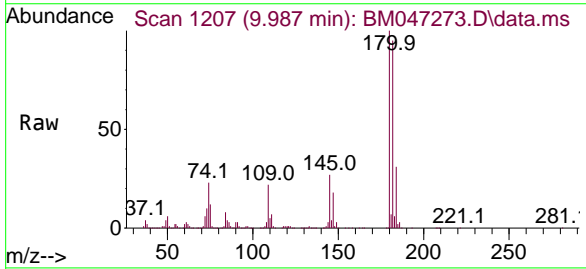
Ion	Ratio	Lower	Upper
162	100		
164	65.9	44.7	84.7
98	33.5	14.9	54.9

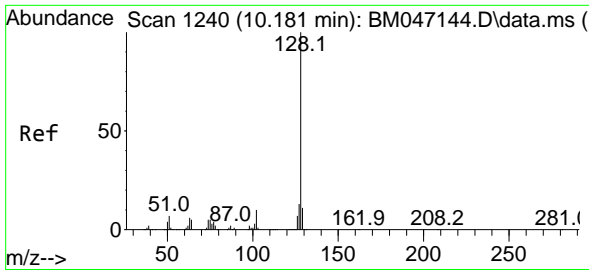


#30
 1,2,4-Trichlorobenzene
 Concen: 40.114 ng
 RT: 9.987 min Scan# 1207
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion:180 Resp: 834158

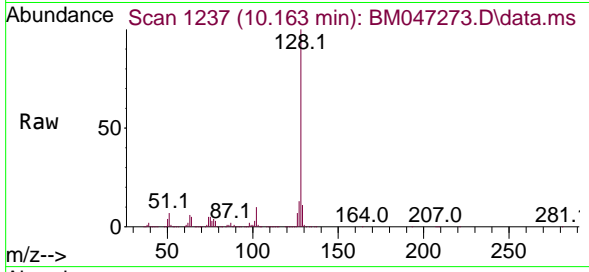
Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.6	115.0
145	27.4	23.4	35.2



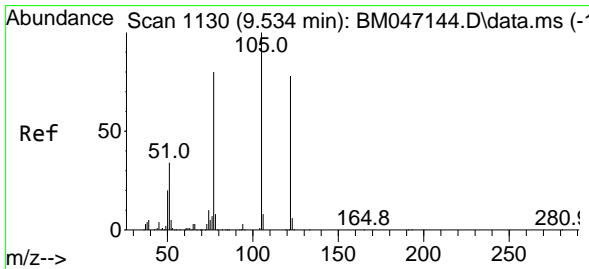
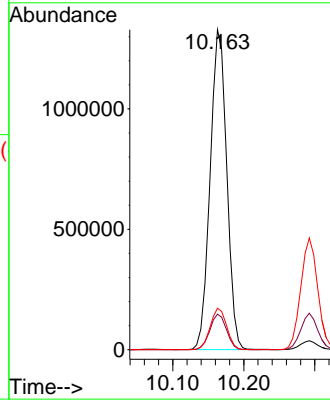
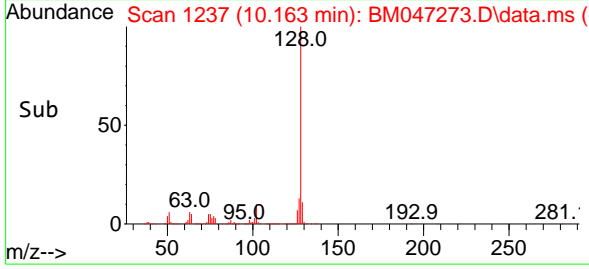


#31
 Naphthalene
 Concen: 36.272 ng
 RT: 10.163 min Scan# 1127
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

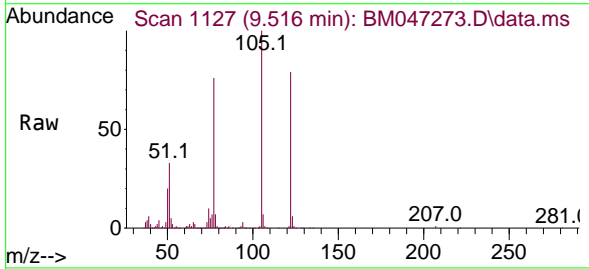
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040



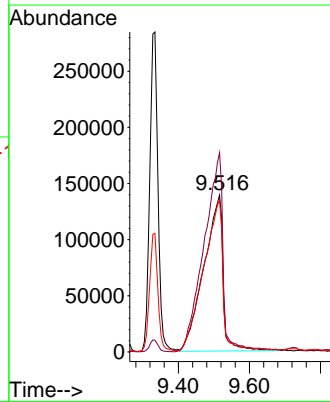
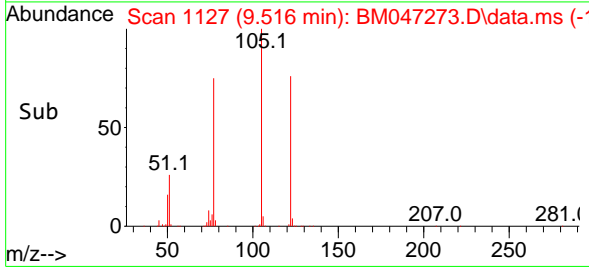
Tgt Ion:128 Resp: 2157087
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.6 13.0
 127 12.9 10.2 15.4

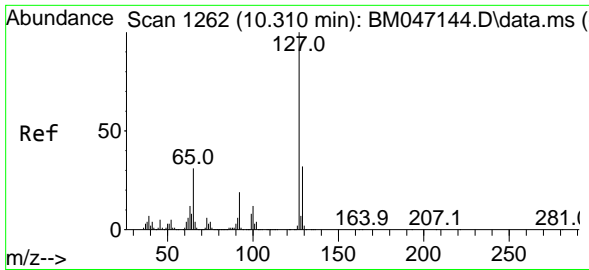


#32
 Benzoic acid
 Concen: 36.179 ng
 RT: 9.516 min Scan# 1127
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55



Tgt Ion:122 Resp: 520543
 Ion Ratio Lower Upper
 122 100
 105 127.0 107.1 147.1
 77 96.7 82.1 122.1



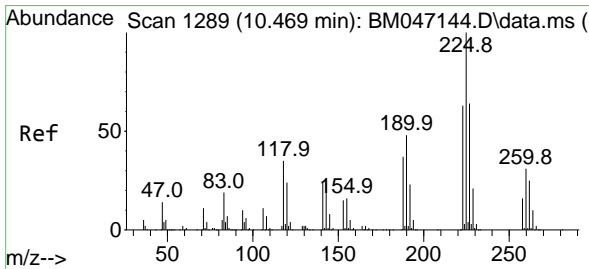
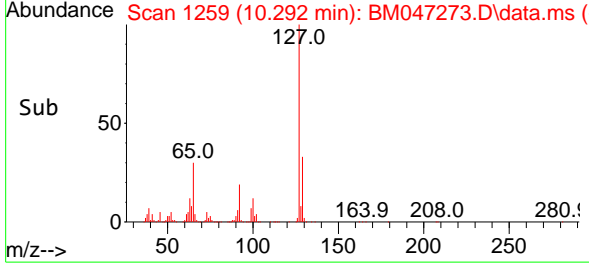
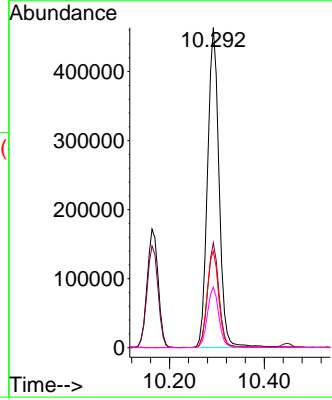
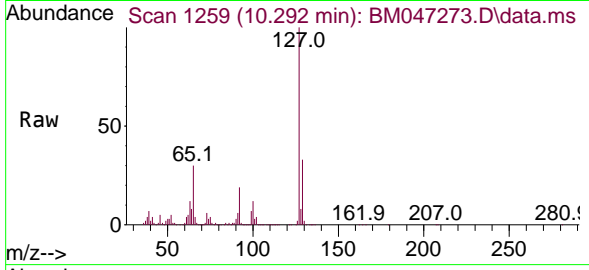


#33
 4-Chloroaniline
 Concen: 34.209 ng
 RT: 10.292 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion:127 Resp: 782324

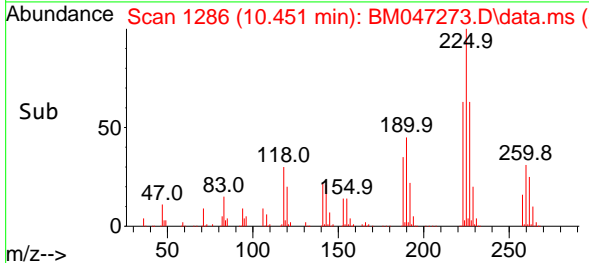
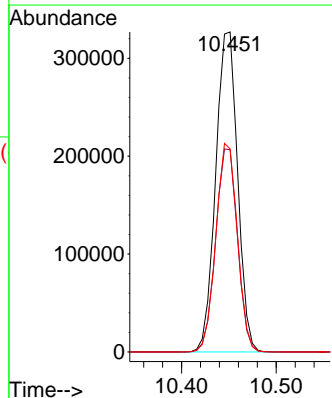
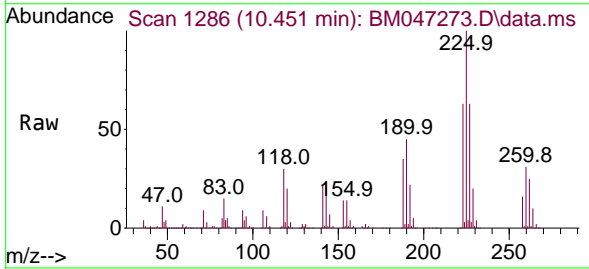
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	30.2	24.9	37.3
92	18.9	15.1	22.7

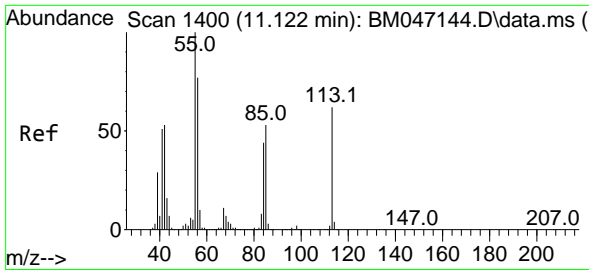


#34
 Hexachlorobutadiene
 Concen: 43.182 ng
 RT: 10.451 min Scan# 1286
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion:225 Resp: 525586

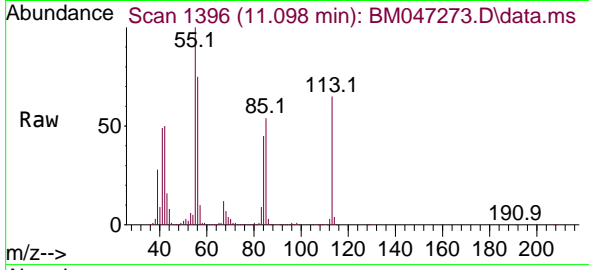
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.2
227	63.5	51.4	77.0



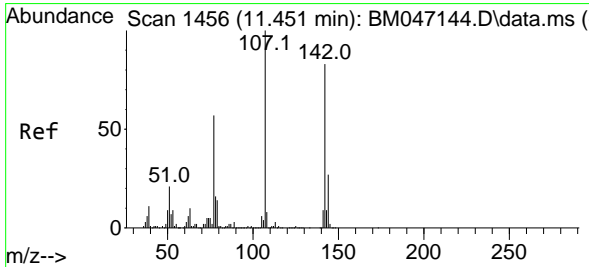
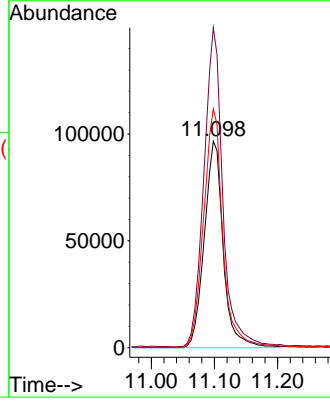
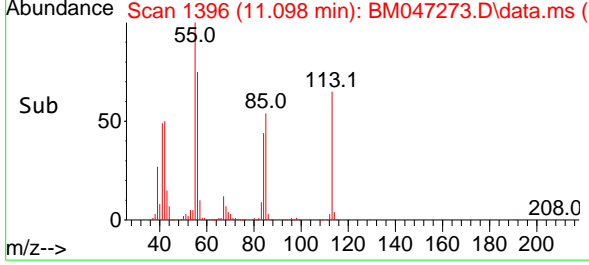


#35
 Caprolactam
 Concen: 31.474 ng
 RT: 11.098 min Scan# 1111
 Delta R.T. -0.024 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

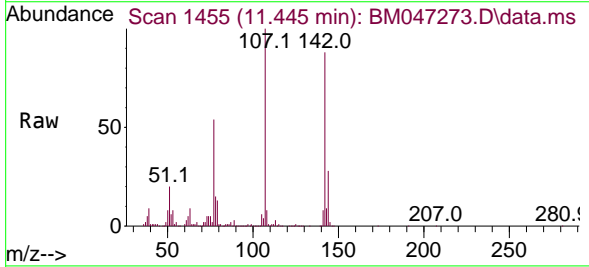
Instrument : BNA_M
 ClientSampleId : SSTDCCC040



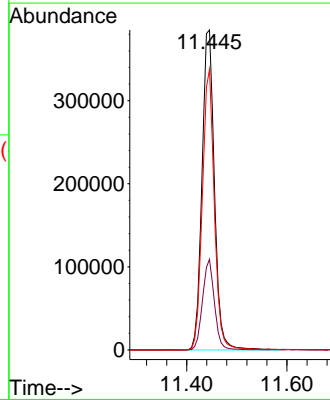
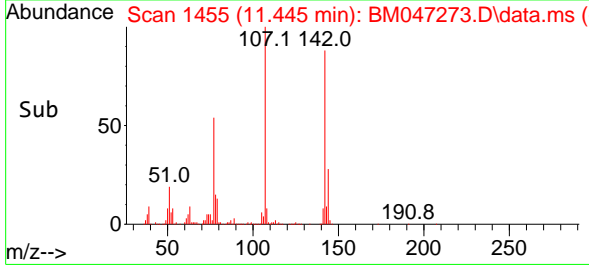
Tgt Ion:113 Resp: 200846
 Ion Ratio Lower Upper
 113 100
 55 155.0 140.5 180.5
 56 115.7 103.6 143.6

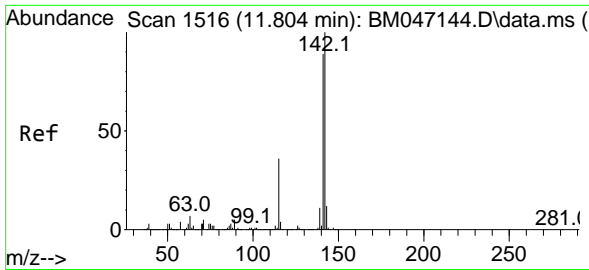


#36
 4-Chloro-3-methylphenol
 Concen: 33.928 ng
 RT: 11.445 min Scan# 1455
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55



Tgt Ion:107 Resp: 663962
 Ion Ratio Lower Upper
 107 100
 144 28.4 21.8 32.6
 142 87.7 66.8 100.2



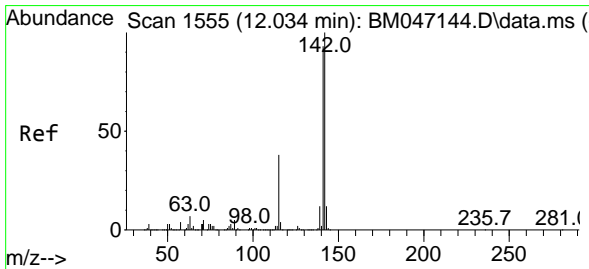
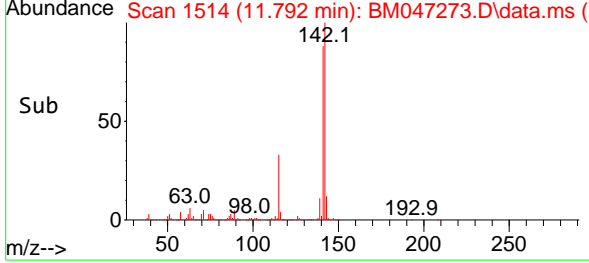
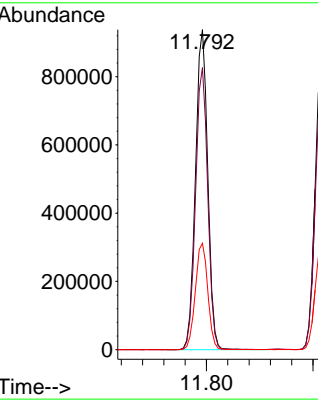
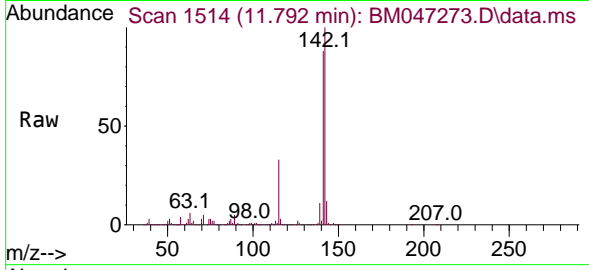


#37
 2-Methylnaphthalene
 Concen: 35.408 ng
 RT: 11.792 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument : BNA_M
 ClientSampleId : SSTDCCC040

Tgt Ion:142 Resp: 1499268

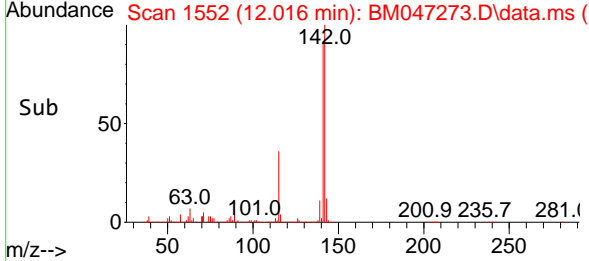
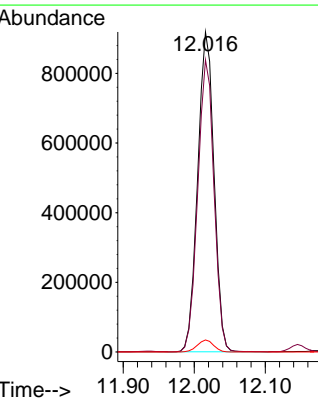
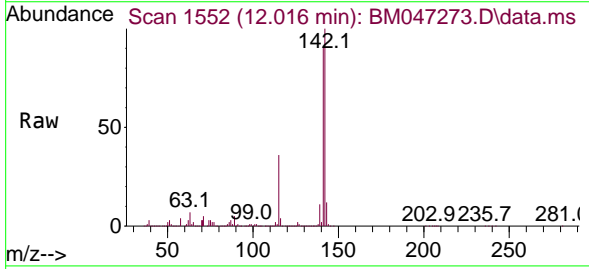
Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.9	106.3
115	33.2	28.7	43.1

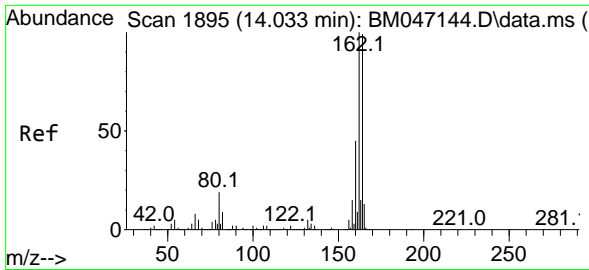


#38
 1-Methylnaphthalene
 Concen: 35.048 ng
 RT: 12.016 min Scan# 1552
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion:142 Resp: 1466661

Ion	Ratio	Lower	Upper
142	100		
141	91.2	74.6	111.8
116	3.8	3.1	4.7



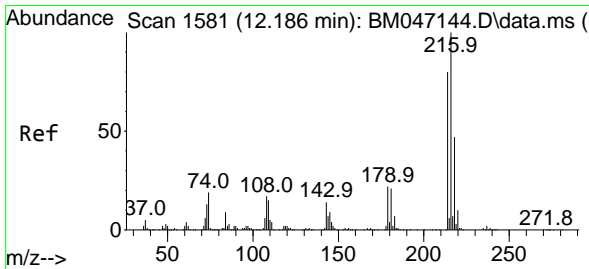
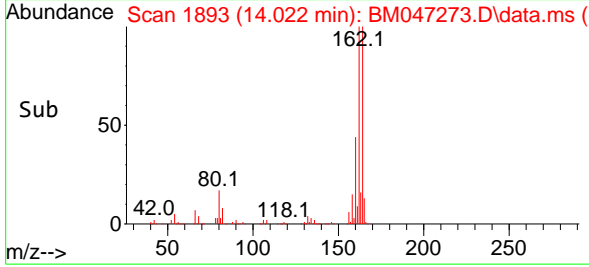
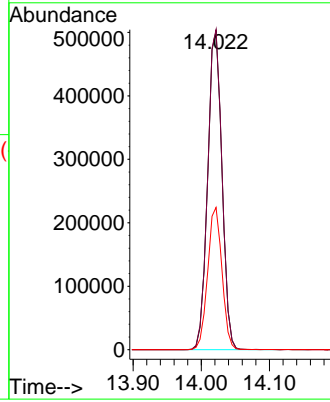
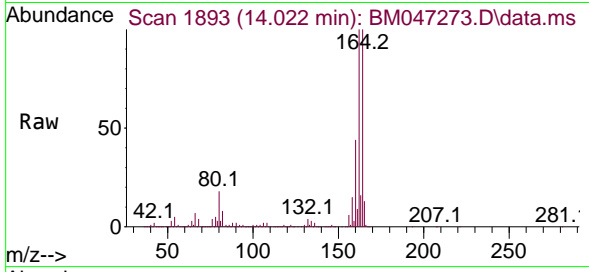


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.022 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion:164 Resp: 731367

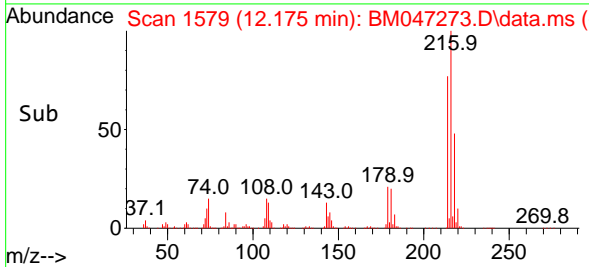
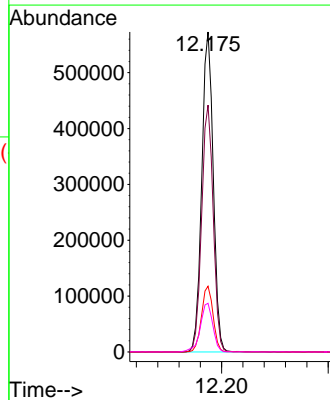
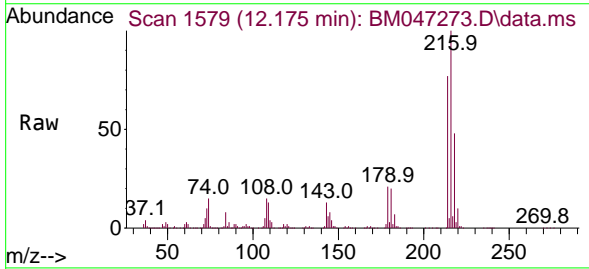
Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.7	121.1
160	44.6	36.0	54.0

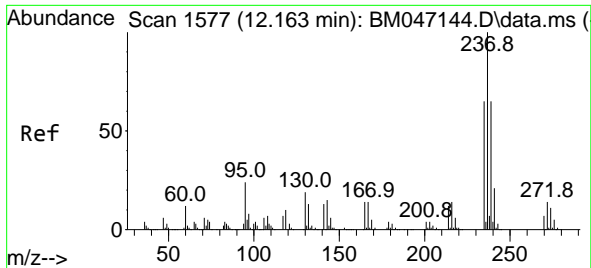


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.873 ng
 RT: 12.175 min Scan# 1579
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion:216 Resp: 855241

Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.4	95.2
179	20.9	17.6	26.4
108	16.6	15.1	22.7



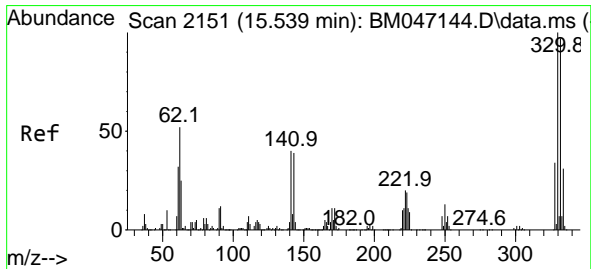
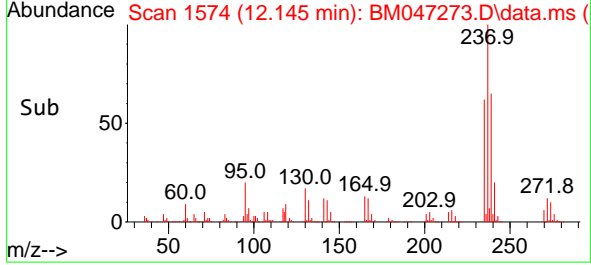
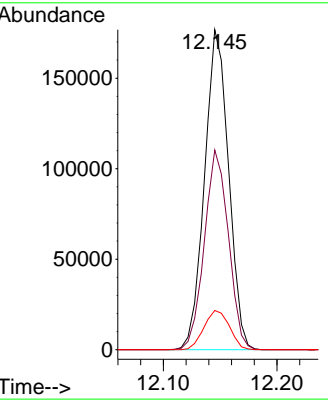
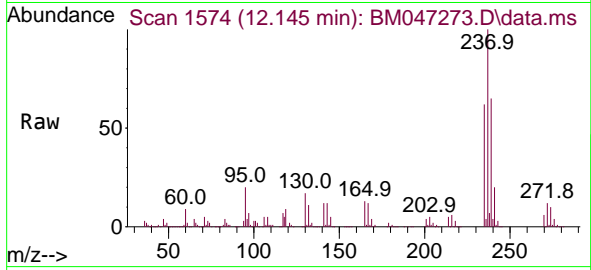


#41
 Hexachlorocyclopentadiene
 Concen: 37.300 ng
 RT: 12.145 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion:237 Resp: 259819

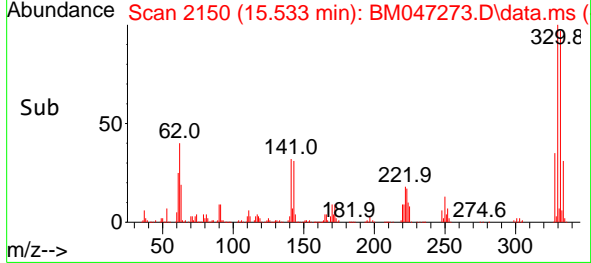
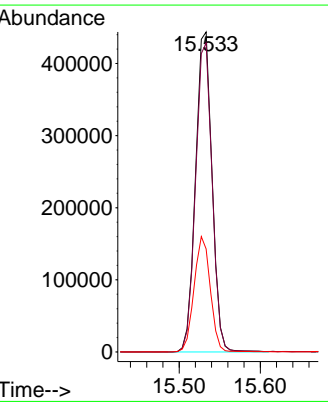
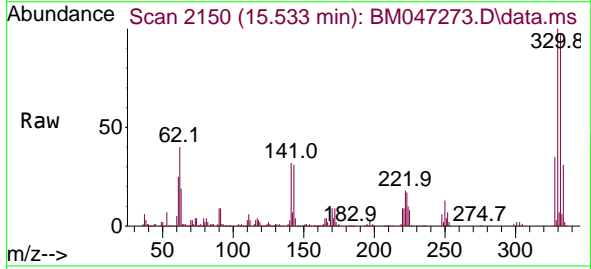
Ion	Ratio	Lower	Upper
237	100		
235	62.4	44.8	84.8
272	12.3	0.0	33.5

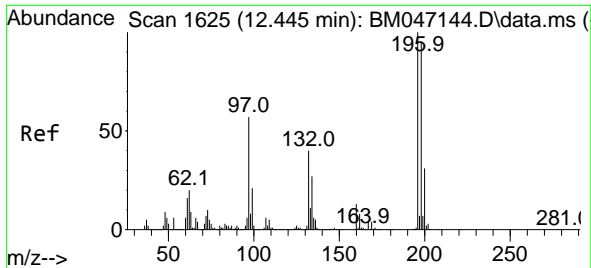


#42
 2,4,6-Tribromophenol
 Concen: 73.866 ng
 RT: 15.533 min Scan# 2150
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion:330 Resp: 626403

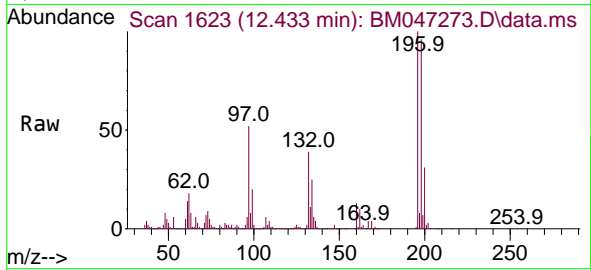
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	35.5	31.6	47.4



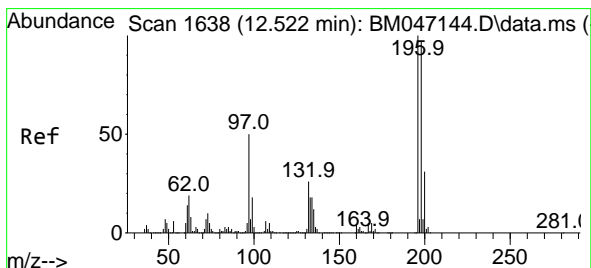
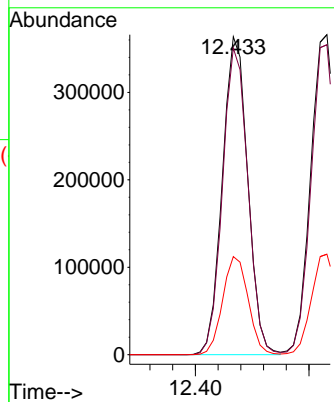
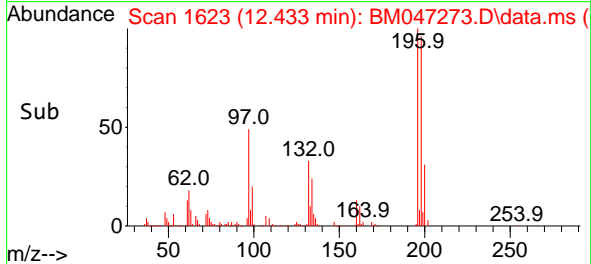


#43
 2,4,6-Trichlorophenol
 Concen: 39.807 ng
 RT: 12.433 min Scan# 1623
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

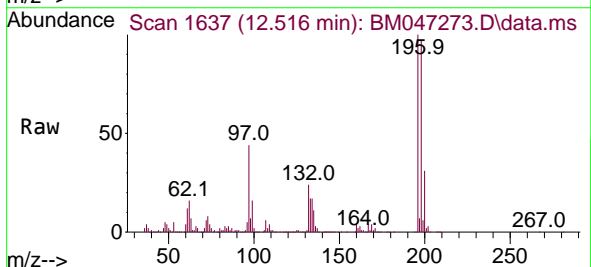
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040



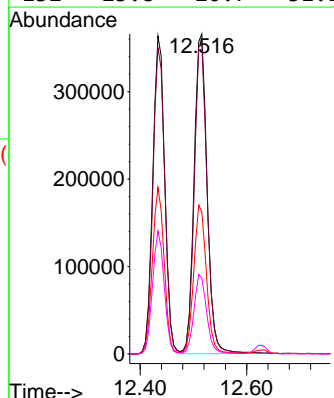
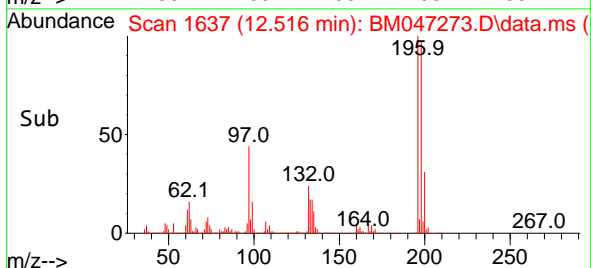
Tgt Ion:196 Resp: 564405
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.6 113.4
 200 30.9 24.6 37.0

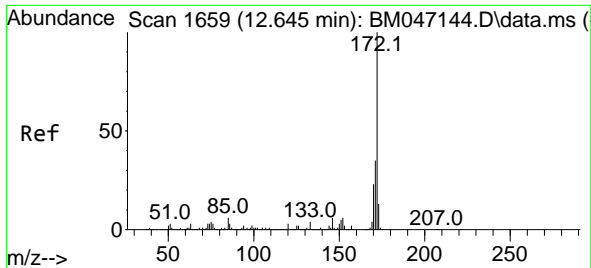


#44
 2,4,5-Trichlorophenol
 Concen: 39.498 ng
 RT: 12.516 min Scan# 1637
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55



Tgt Ion:196 Resp: 621795
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.7 116.5
 97 44.4 39.8 59.8
 132 23.8 20.7 31.1



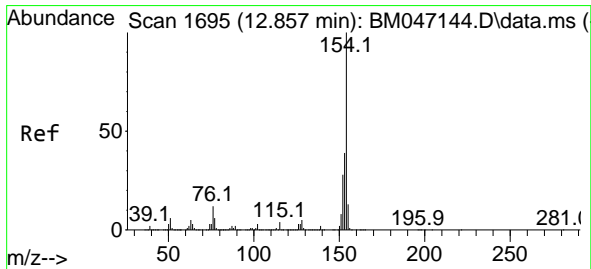
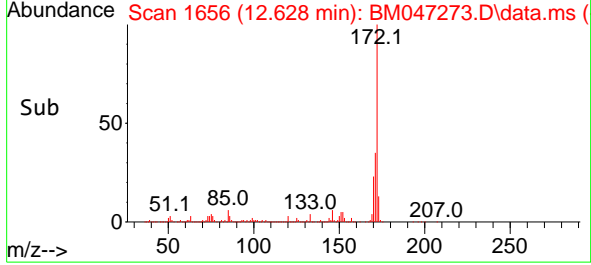
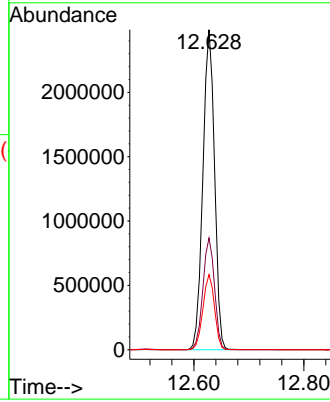
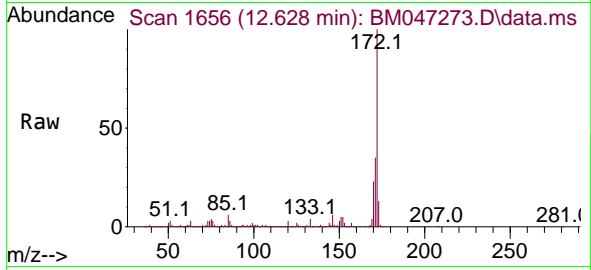


#45
 2-Fluorobiphenyl
 Concen: 77.189 ng
 RT: 12.628 min Scan# 1656
 Delta R.T. -0.017 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion:172 Resp: 3659800

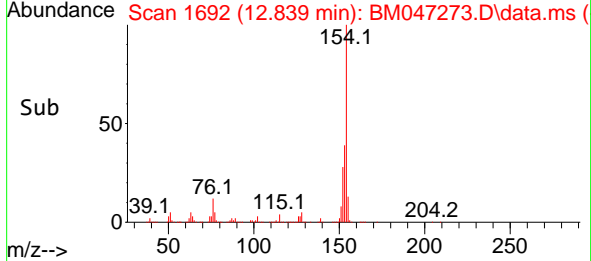
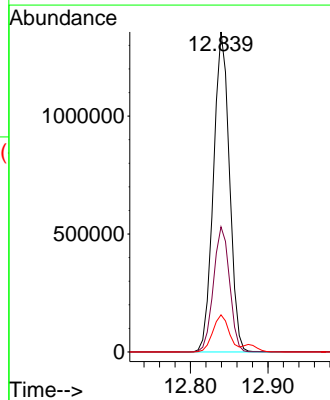
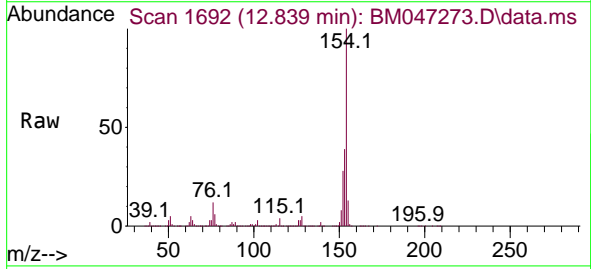
Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.5	18.7	28.1

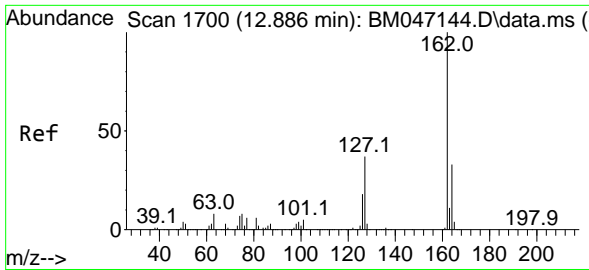


#46
 1,1'-Biphenyl
 Concen: 37.350 ng
 RT: 12.839 min Scan# 1692
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion:154 Resp: 1944726

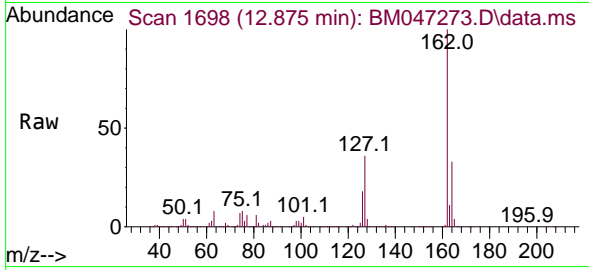
Ion	Ratio	Lower	Upper
154	100		
153	39.1	19.0	59.0
76	11.6	0.0	31.9





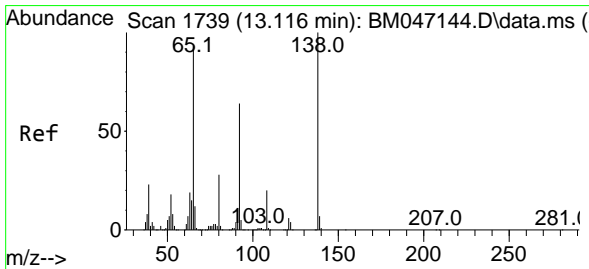
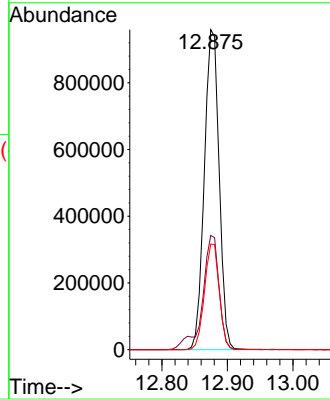
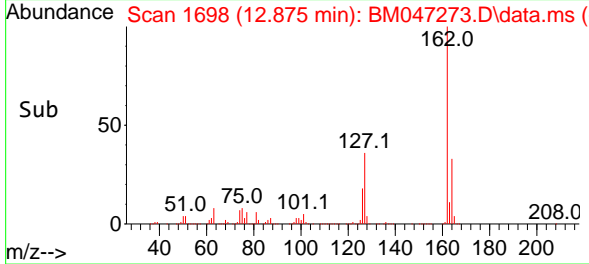
#47
 2-Chloronaphthalene
 Concen: 37.149 ng
 RT: 12.875 min Scan# 1698
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

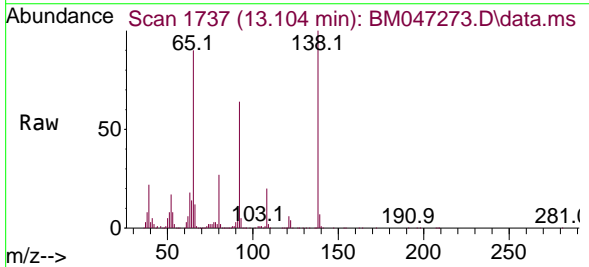


Tgt Ion:162 Resp: 1511812

Ion	Ratio	Lower	Upper
162	100		
127	35.7	30.0	45.0
164	33.0	26.3	39.5

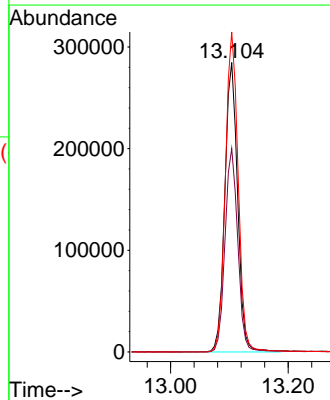
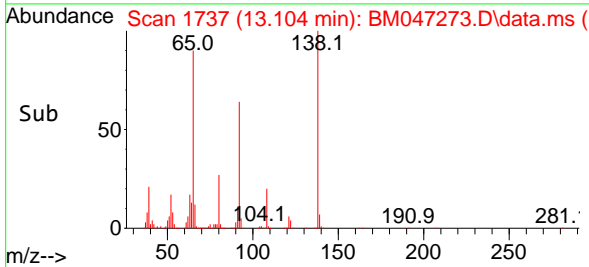


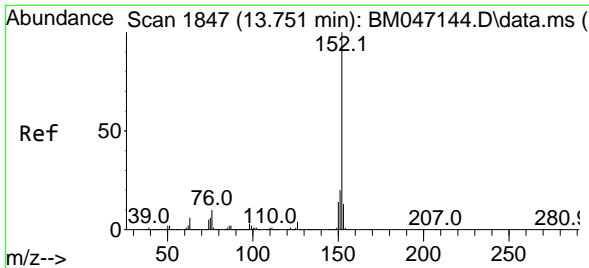
#48
 2-Nitroaniline
 Concen: 33.855 ng
 RT: 13.104 min Scan# 1737
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55



Tgt Ion: 65 Resp: 431622

Ion	Ratio	Lower	Upper
65	100		
92	70.3	55.1	82.7
138	110.6	85.9	128.9



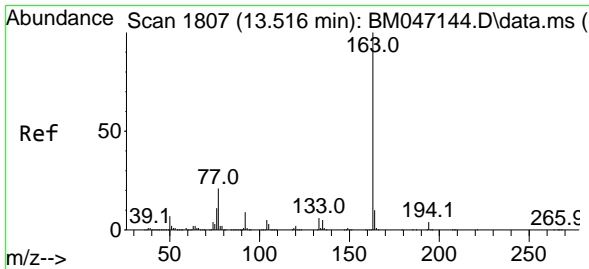
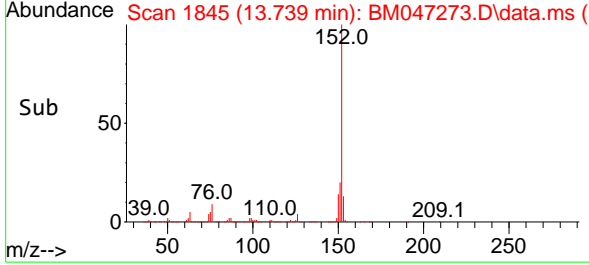
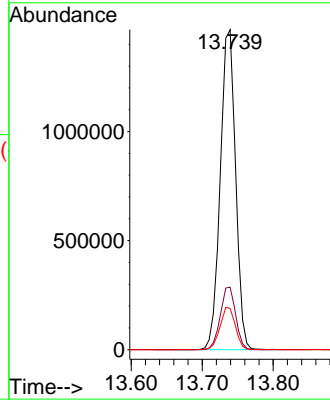
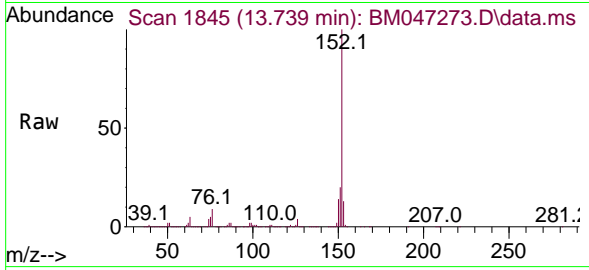


#49
Acenaphthylene
 Concen: 36.494 ng
 RT: 13.739 min Scan# 1845
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 2189181

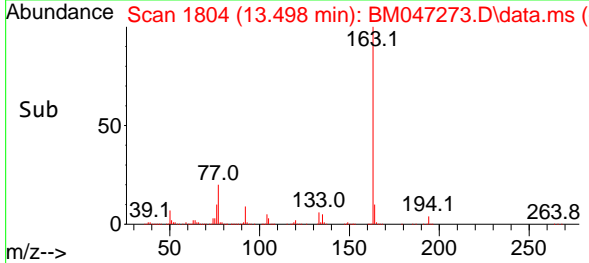
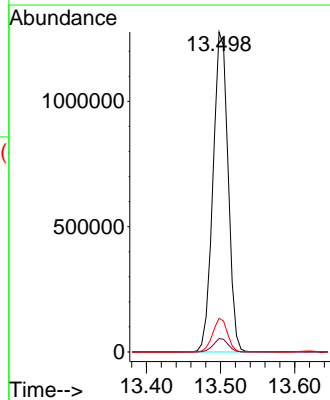
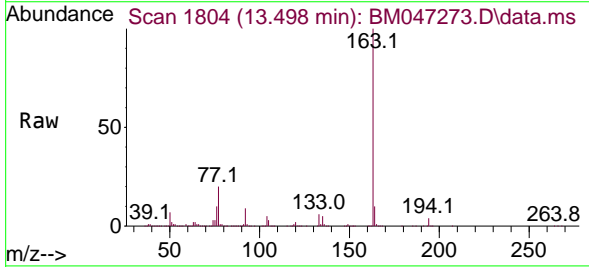
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	12.9	10.4	15.6

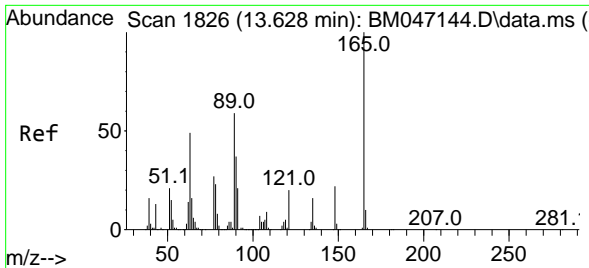


#50
Dimethylphthalate
 Concen: 35.265 ng
 RT: 13.498 min Scan# 1804
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion:163 Resp: 1801315

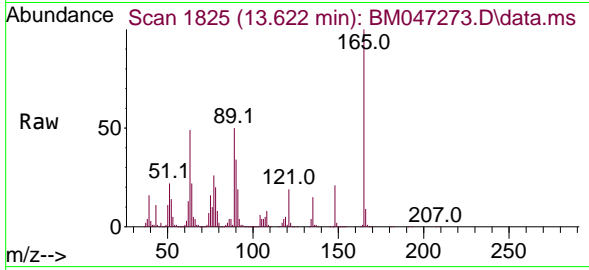
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.5	8.0	12.0





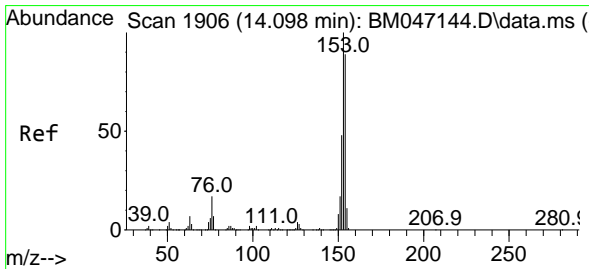
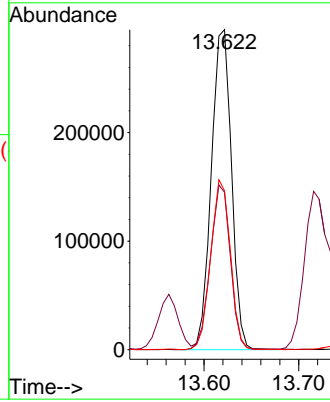
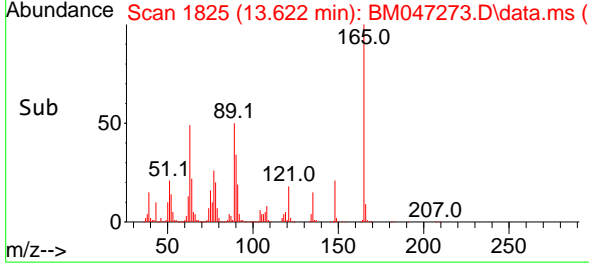
#51
 2,6-Dinitrotoluene
 Concen: 36.470 ng
 RT: 13.622 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

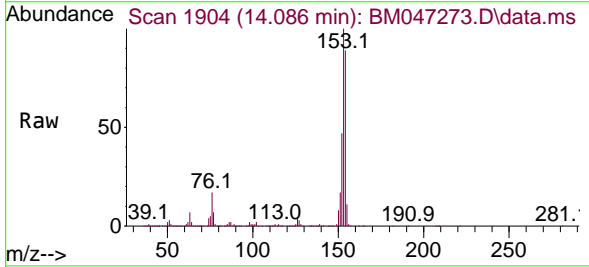


Tgt Ion:165 Resp: 435475

Ion	Ratio	Lower	Upper
165	100		
63	49.2	46.5	69.7
89	49.6	47.3	70.9

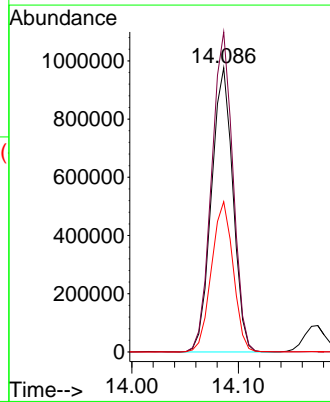
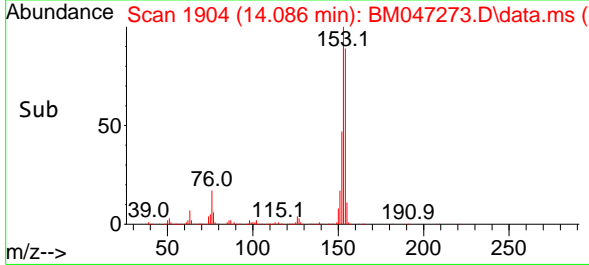


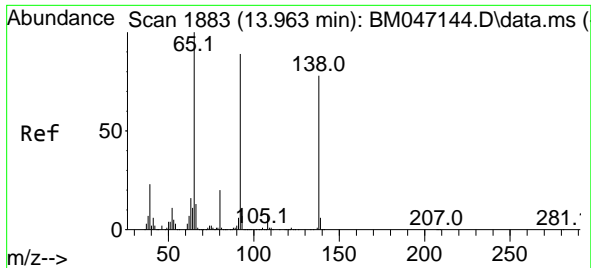
#52
 Acenaphthene
 Concen: 35.959 ng
 RT: 14.086 min Scan# 1904
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55



Tgt Ion:154 Resp: 1368311

Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.3	135.5
152	52.9	42.9	64.3



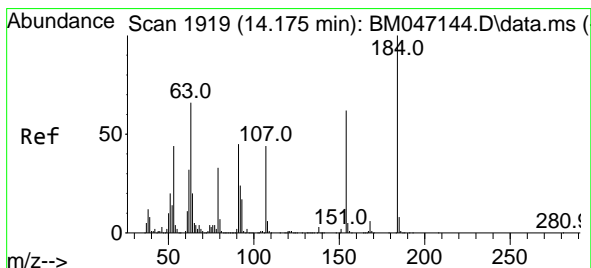
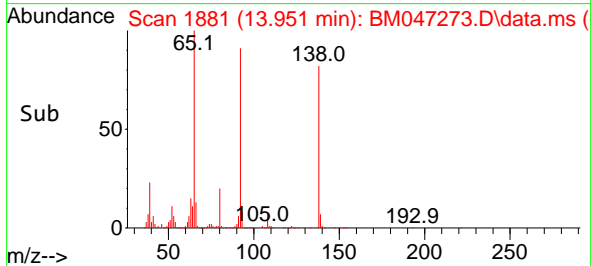
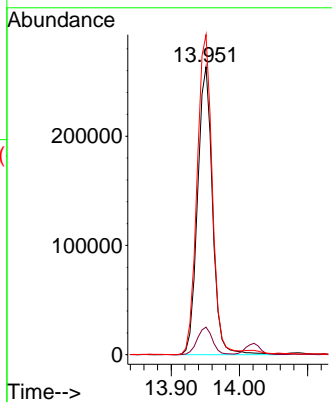
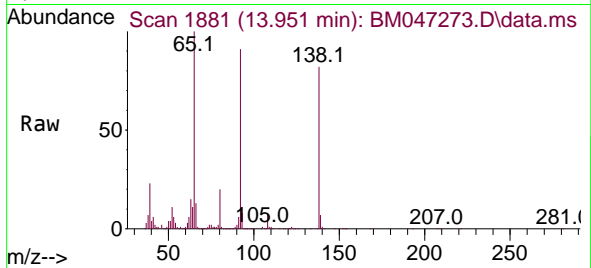


#53
 3-Nitroaniline
 Concen: 33.606 ng
 RT: 13.951 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion:138 Resp: 402094

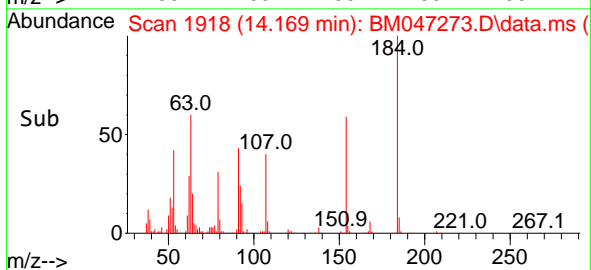
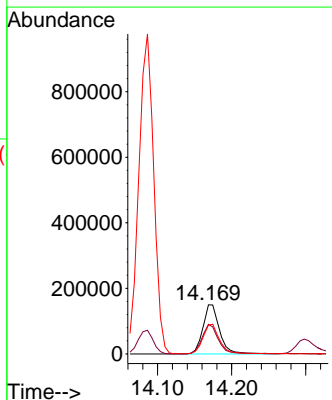
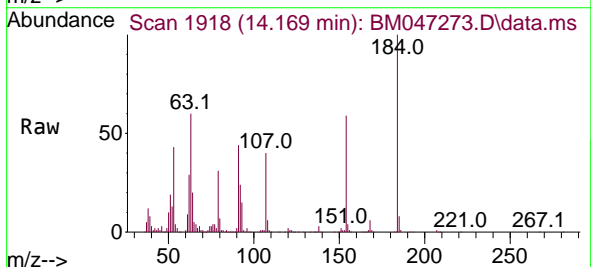
Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.9	11.9
92	111.1	92.0	138.0

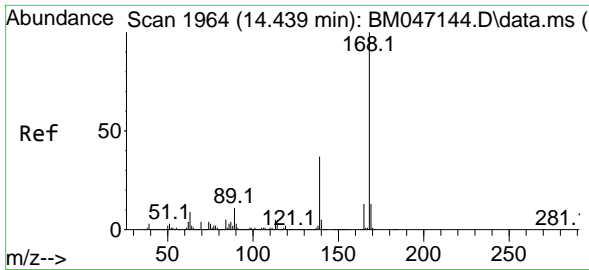


#54
 2,4-Dinitrophenol
 Concen: 32.704 ng
 RT: 14.169 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion:184 Resp: 234044

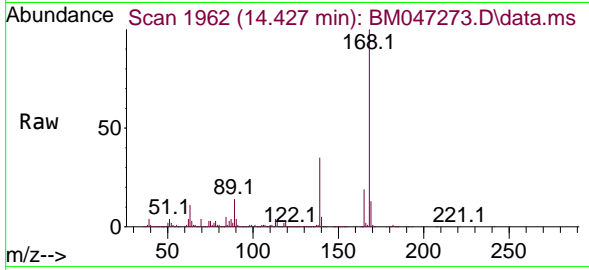
Ion	Ratio	Lower	Upper
184	100		
63	60.4	52.7	79.1
154	58.7	50.4	75.6



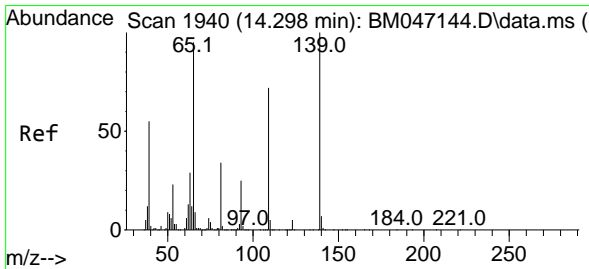
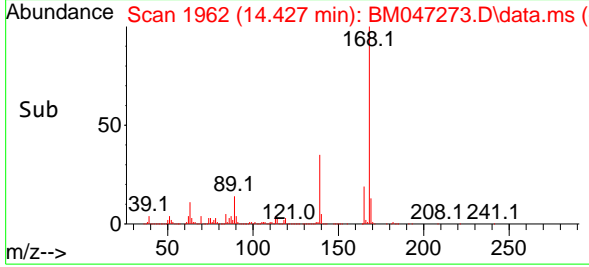
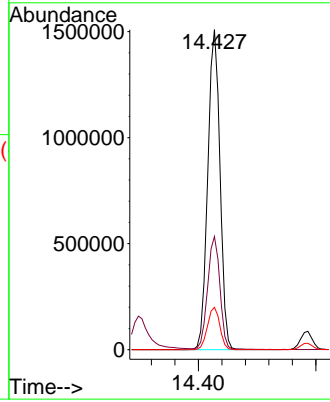


#55
 Dibenzofuran
 Concen: 36.117 ng
 RT: 14.427 min Scan# 1962
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

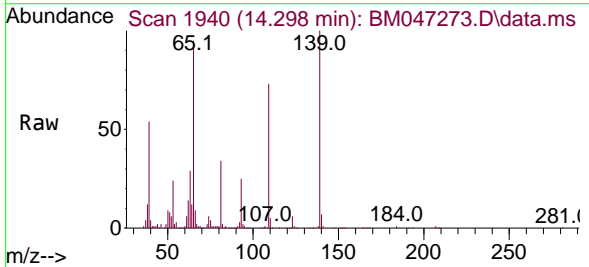
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040



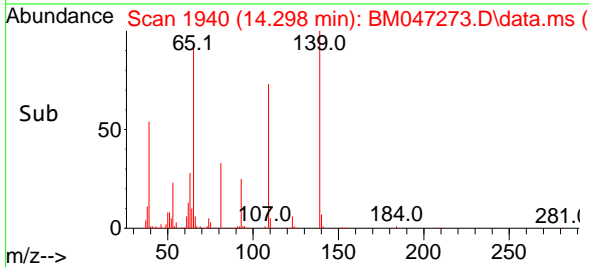
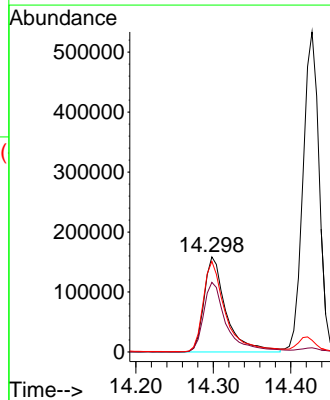
Tgt Ion:168 Resp: 2170780
 Ion Ratio Lower Upper
 168 100
 139 35.4 29.6 44.4
 169 13.2 10.7 16.1

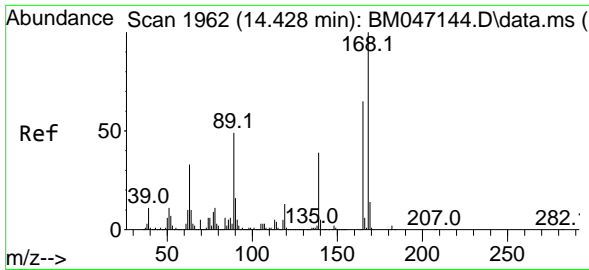


#56
 4-Nitrophenol
 Concen: 30.546 ng
 RT: 14.298 min Scan# 1940
 Delta R.T. 0.000 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55



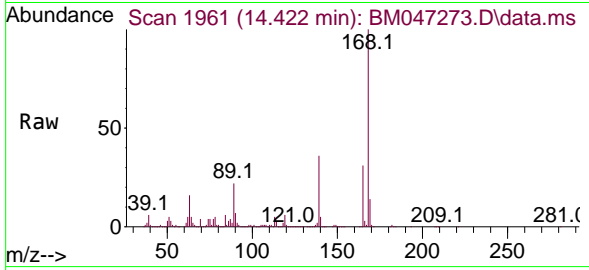
Tgt Ion:139 Resp: 315157
 Ion Ratio Lower Upper
 139 100
 109 73.4 52.5 92.5
 65 95.4 75.4 115.4





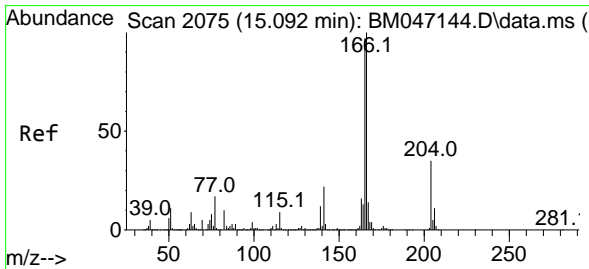
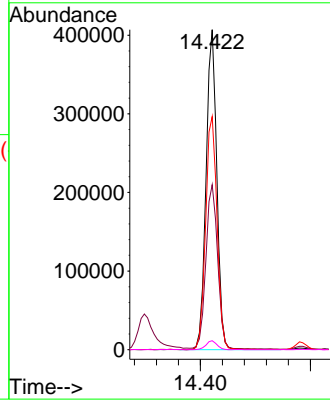
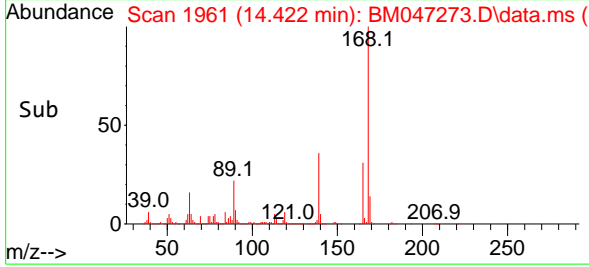
#57
 2,4-Dinitrotoluene
 Concen: 34.614 ng
 RT: 14.422 min Scan# 1961
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

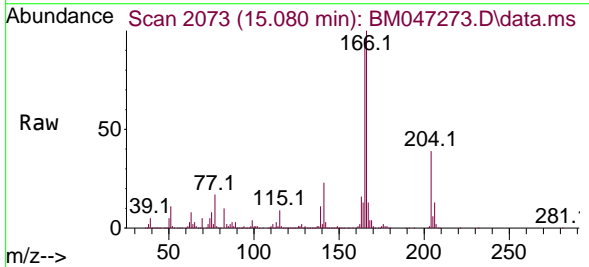


Tgt Ion:165 Resp: 551672

Ion	Ratio	Lower	Upper
165	100		
63	51.6	40.3	60.5
89	72.9	61.0	91.6
182	2.8	1.9	2.9

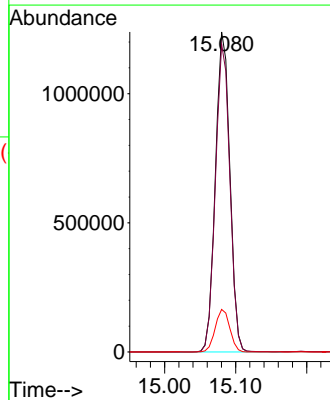
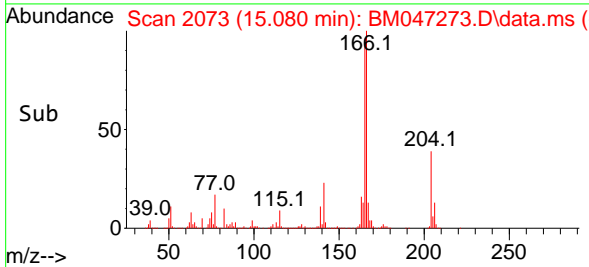


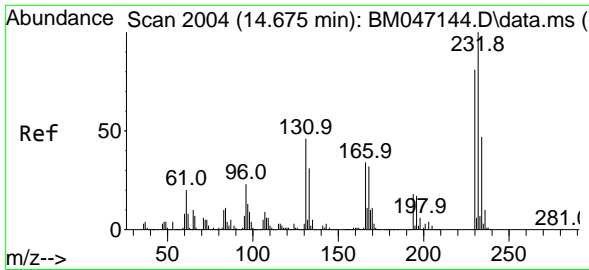
#58
 Fluorene
 Concen: 35.223 ng
 RT: 15.080 min Scan# 2073
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55



Tgt Ion:166 Resp: 1746821

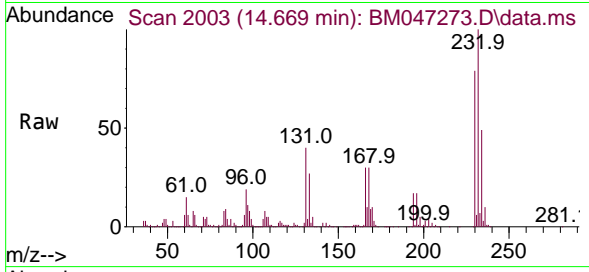
Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.4	116.0
167	13.3	11.0	16.6



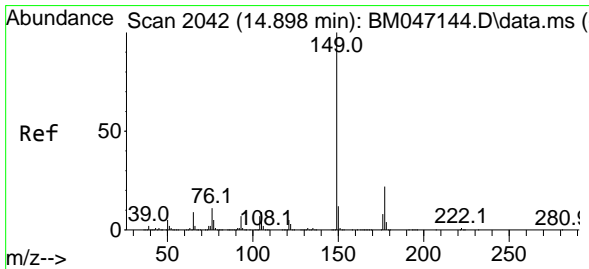
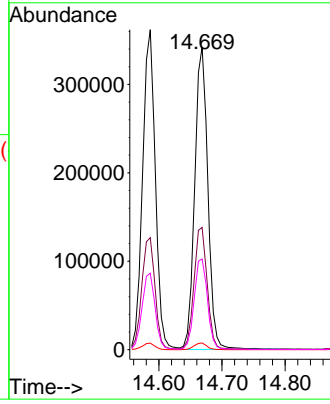
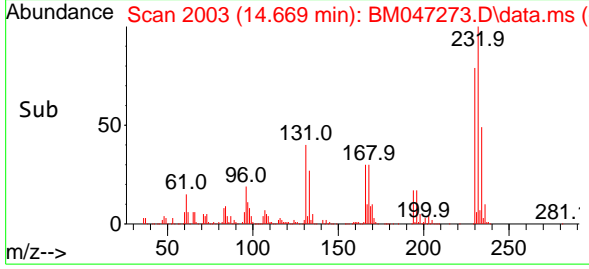


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.039 ng
 RT: 14.669 min Scan# 2039
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

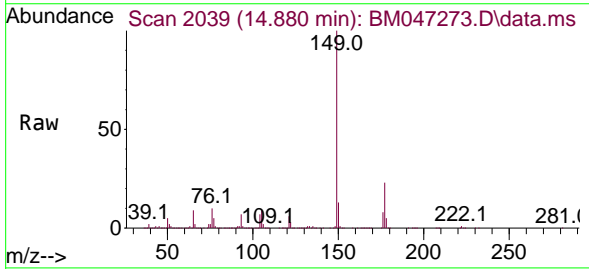
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040



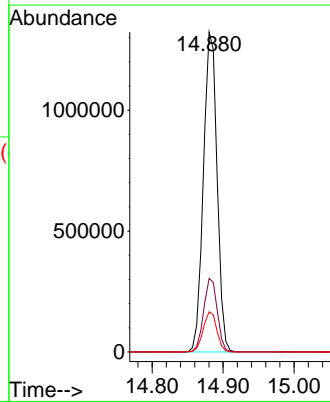
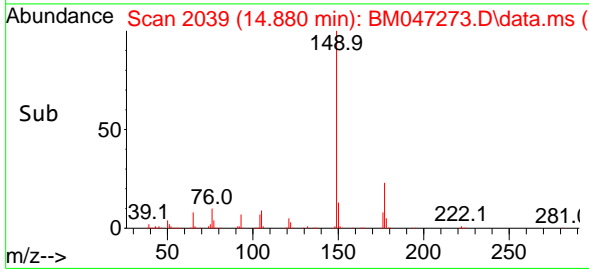
Tgt Ion:232 Resp: 492153
 Ion Ratio Lower Upper
 232 100
 131 40.9 36.9 55.3
 130 2.2 2.0 3.0
 166 30.6 26.4 39.6

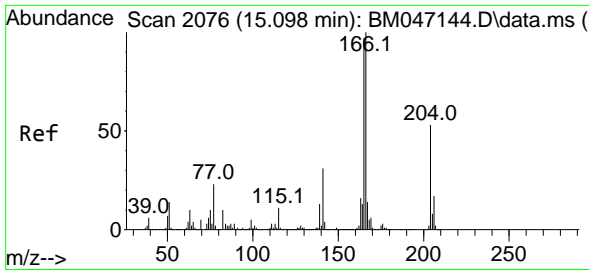


#60
 Diethylphthalate
 Concen: 34.014 ng
 RT: 14.880 min Scan# 2039
 Delta R.T. -0.018 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55



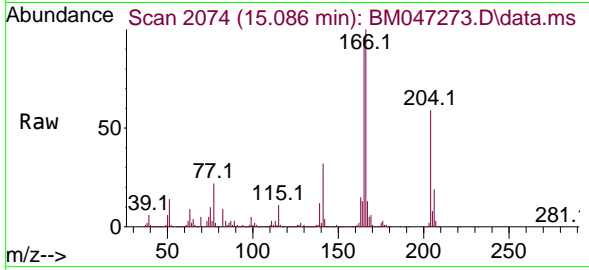
Tgt Ion:149 Resp: 1774218
 Ion Ratio Lower Upper
 149 100
 177 23.0 17.6 26.4
 150 12.6 9.8 14.6



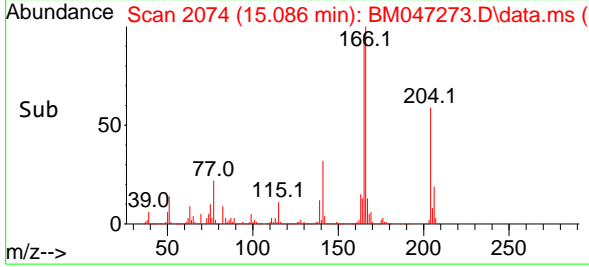
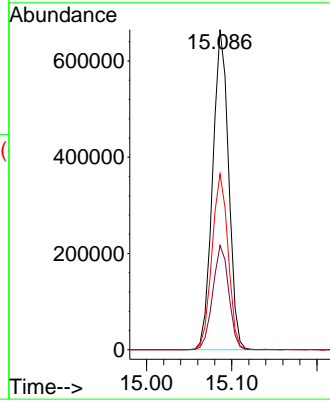


#61
 4-Chlorophenyl-phenylether
 Concen: 36.631 ng
 RT: 15.086 min Scan# 2076
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

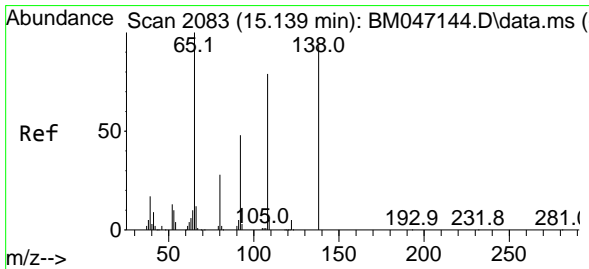
Instrument : BNA_M
 ClientSampleId : SSTDCCC040



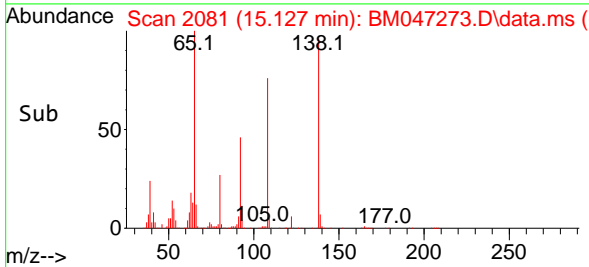
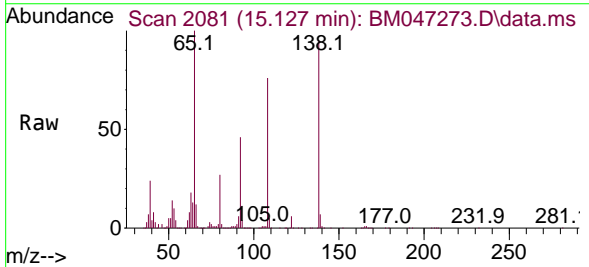
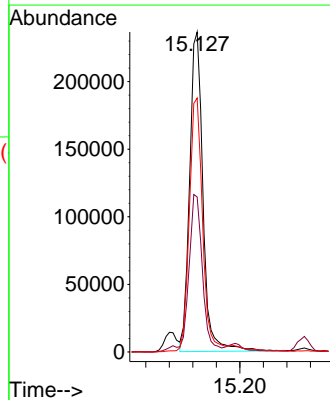
Tgt Ion:204 Resp: 864847
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.2 39.4
 141 54.9 47.2 70.8

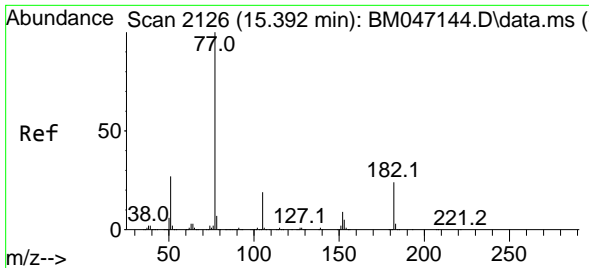


#62
 4-Nitroaniline
 Concen: 31.542 ng
 RT: 15.127 min Scan# 2081
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55



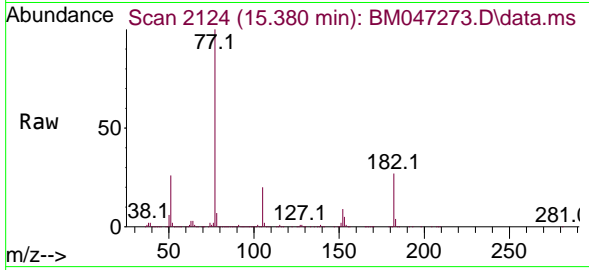
Tgt Ion:138 Resp: 371797
 Ion Ratio Lower Upper
 138 100
 92 48.5 31.9 71.9
 108 79.4 63.8 103.8





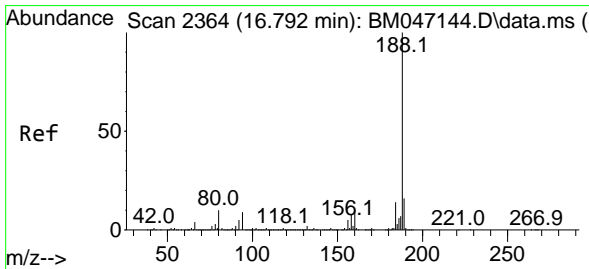
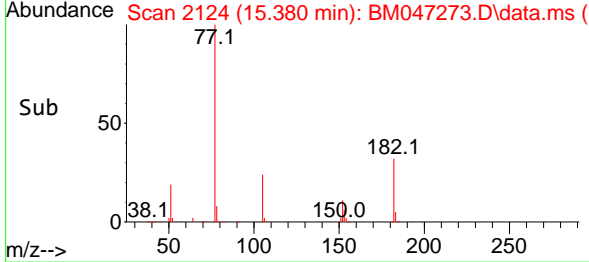
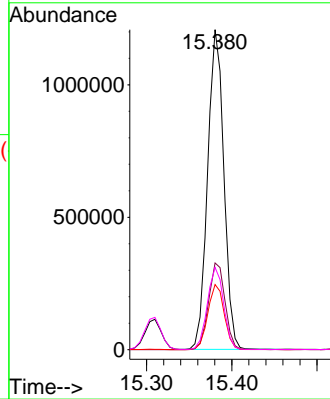
#63
 Azobenzene
 Concen: 32.335 ng
 RT: 15.380 min Scan# 2126
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

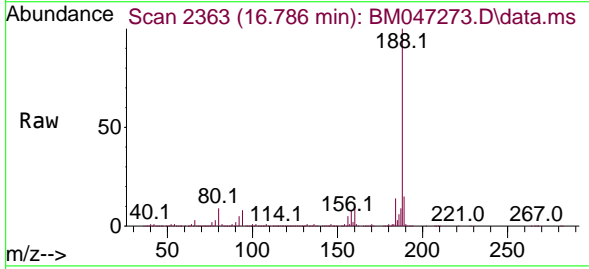


Tgt Ion: 77 Resp: 1599192

Ion	Ratio	Lower	Upper
77	100		
182	27.1	3.8	43.8
105	20.4	0.0	39.5
51	25.7	6.8	46.8

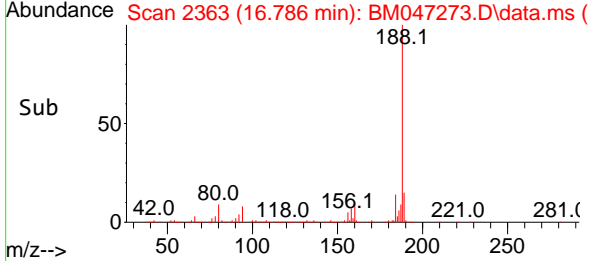
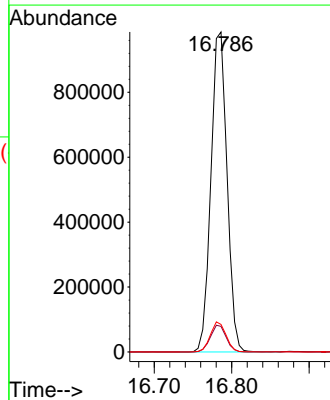


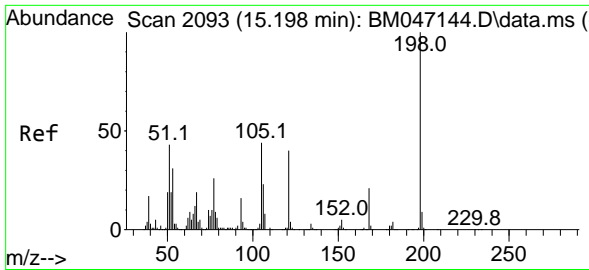
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.786 min Scan# 2363
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55



Tgt Ion: 188 Resp: 1421243

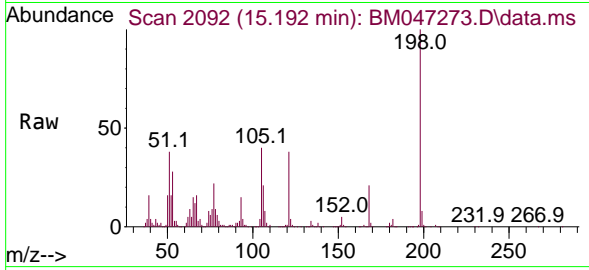
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.6
80	8.6	8.0	12.0



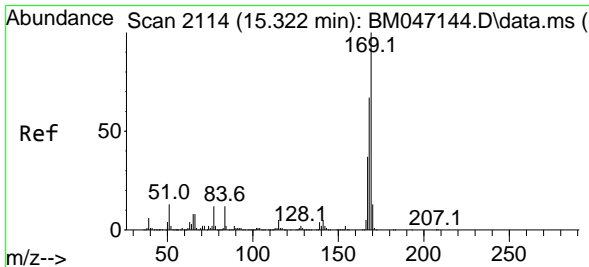
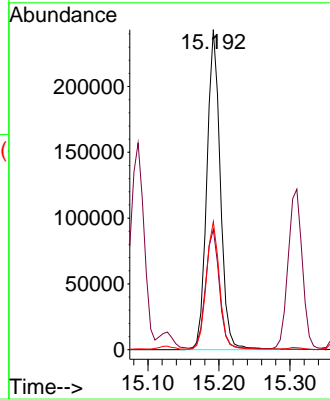
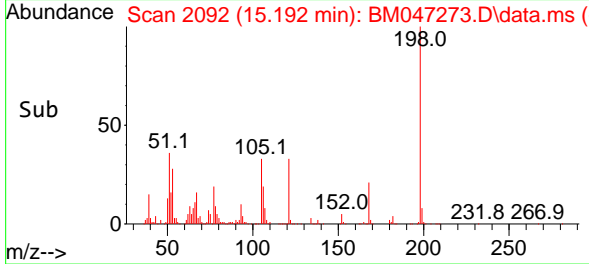


#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.584 ng
 RT: 15.192 min Scan# 2092
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

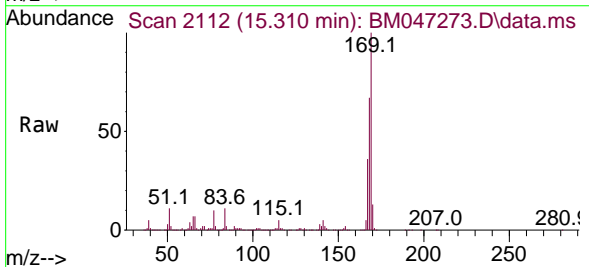
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040



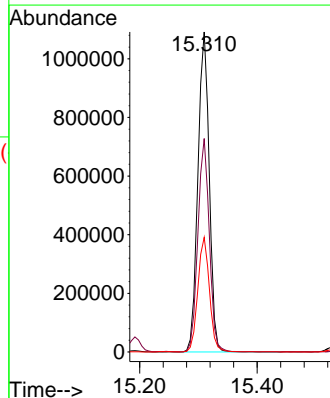
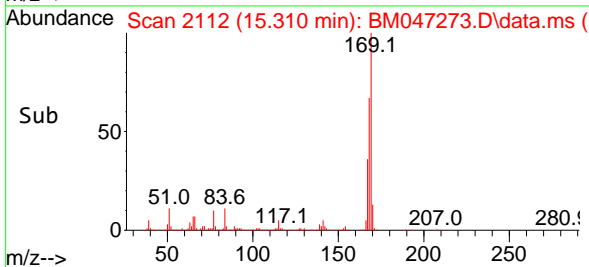
Tgt Ion:198 Resp: 321066
 Ion Ratio Lower Upper
 198 100
 51 37.6 23.9 63.9
 105 40.0 24.3 64.3

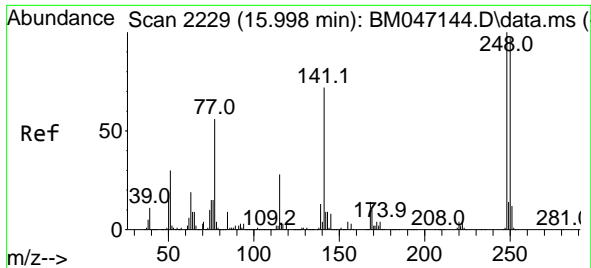


#66
 n-Nitrosodiphenylamine
 Concen: 37.770 ng
 RT: 15.310 min Scan# 2112
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55



Tgt Ion:169 Resp: 1462129
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.8 80.8
 167 35.8 29.3 43.9



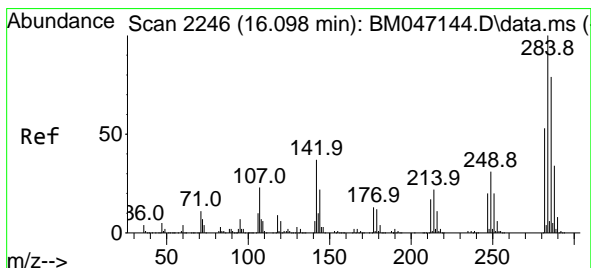
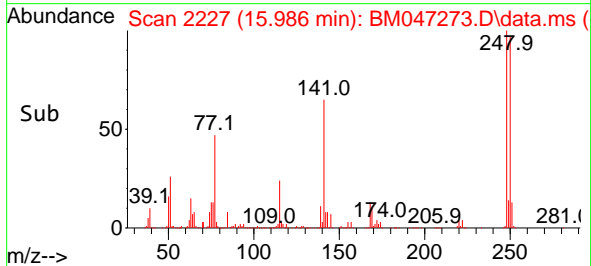
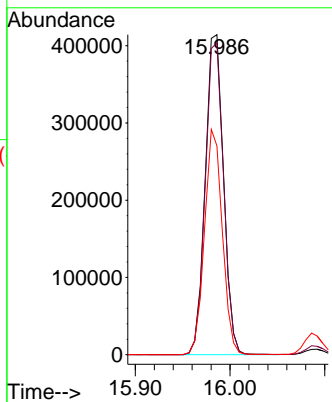
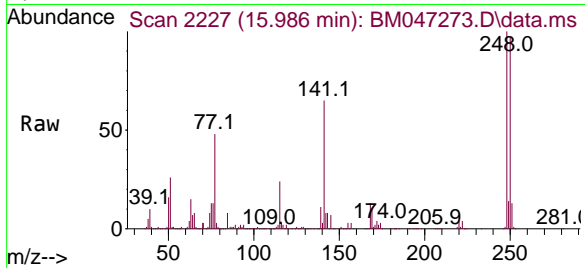


#67
 4-Bromophenyl-phenylether
 Concen: 40.618 ng
 RT: 15.986 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDC0040

Tgt Ion:248 Resp: 556270

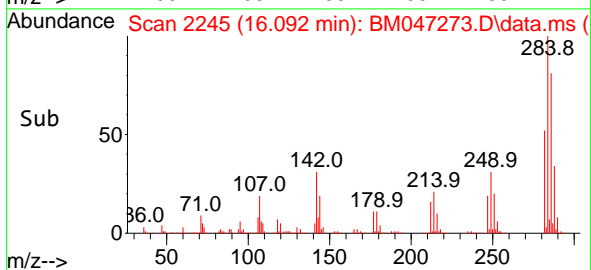
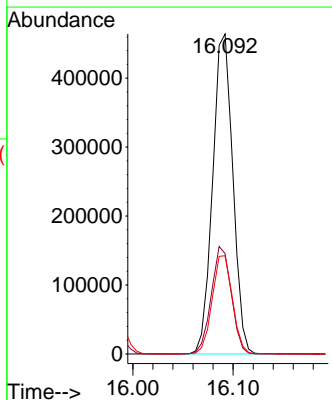
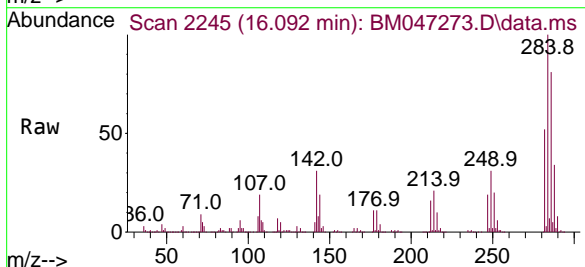
Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.8	116.8
141	65.3	57.7	86.5

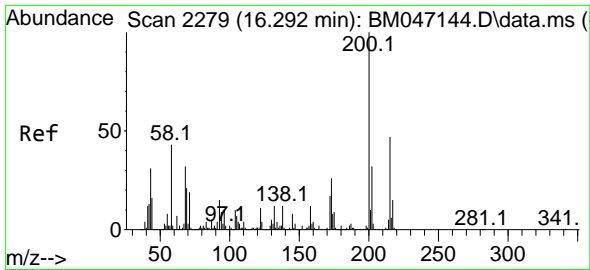


#68
 Hexachlorobenzene
 Concen: 39.535 ng
 RT: 16.092 min Scan# 2245
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion:284 Resp: 648467

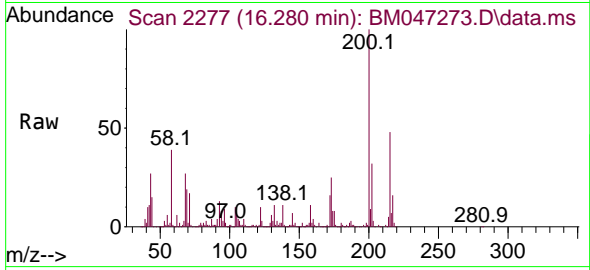
Ion	Ratio	Lower	Upper
284	100		
142	31.4	29.4	44.0
249	30.7	25.1	37.7



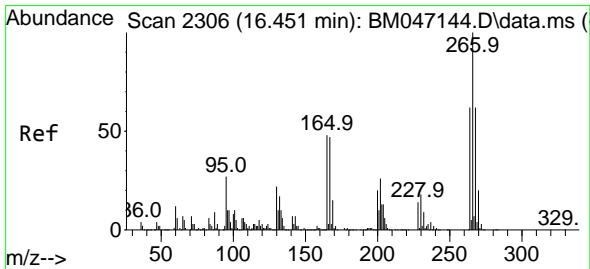
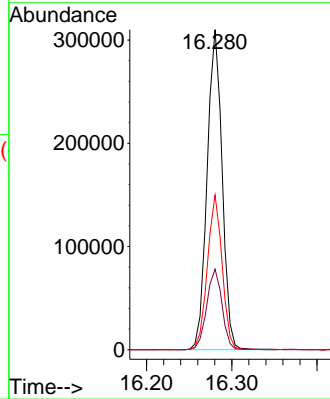
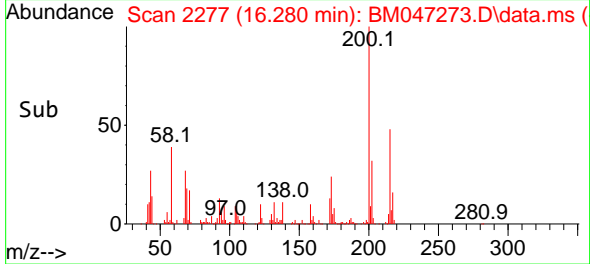


#69
 Atrazine
 Concen: 32.579 ng
 RT: 16.280 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

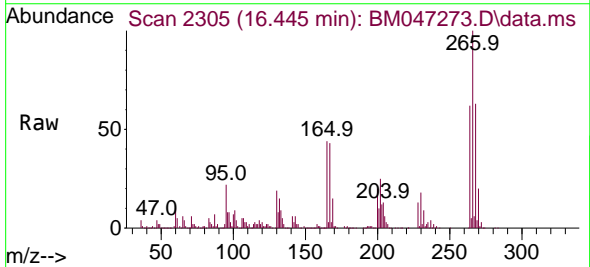
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040



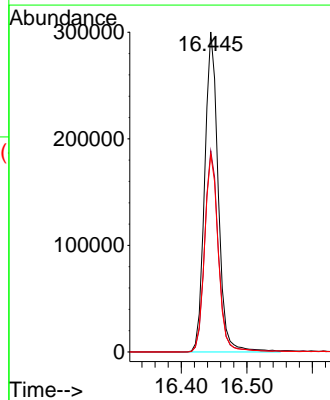
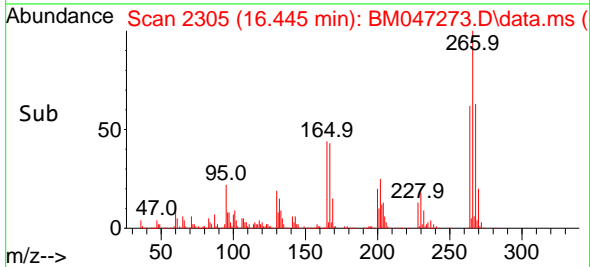
Tgt Ion:200 Resp: 379503
 Ion Ratio Lower Upper
 200 100
 173 25.1 6.1 46.1
 215 48.3 26.8 66.8

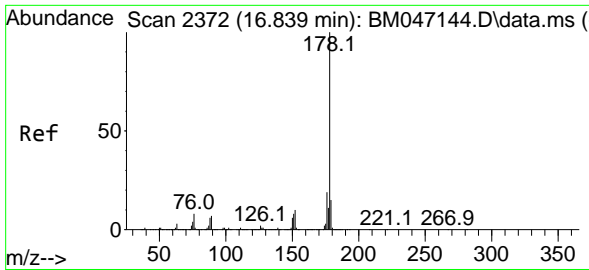


#70
 Pentachlorophenol
 Concen: 37.465 ng
 RT: 16.445 min Scan# 2305
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55



Tgt Ion:266 Resp: 430757
 Ion Ratio Lower Upper
 266 100
 268 62.9 49.8 74.6
 264 61.7 49.6 74.4



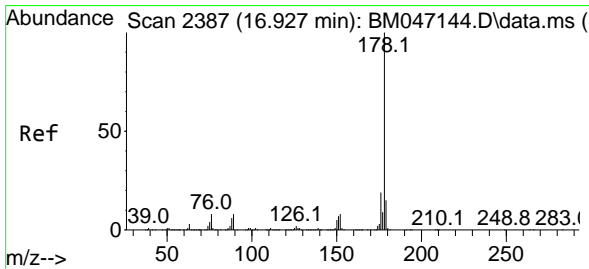
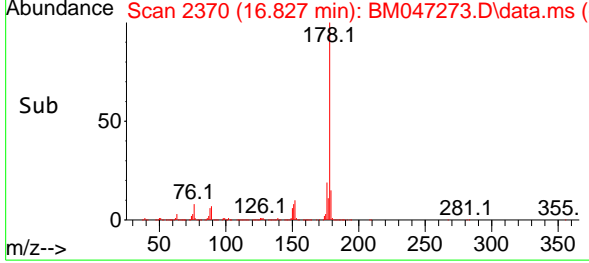
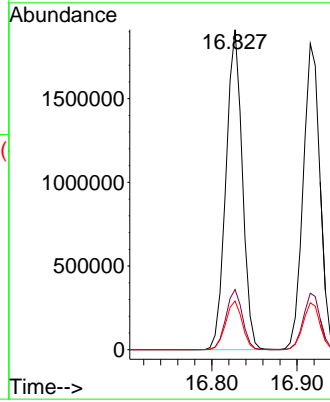
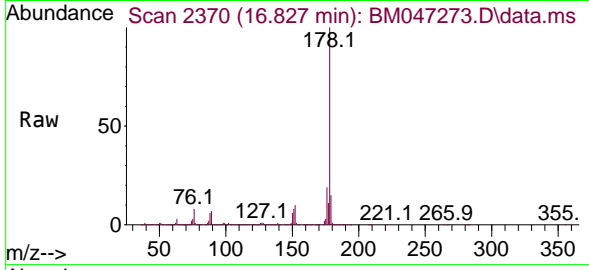


#71
 Phenanthrene
 Concen: 35.740 ng
 RT: 16.827 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 2549232

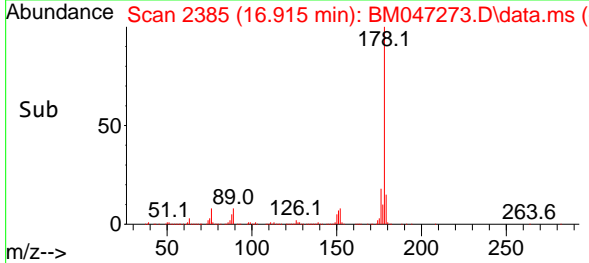
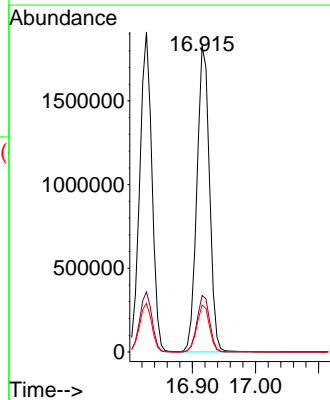
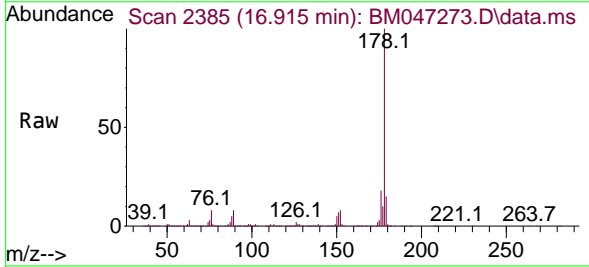
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.2	12.4	18.6

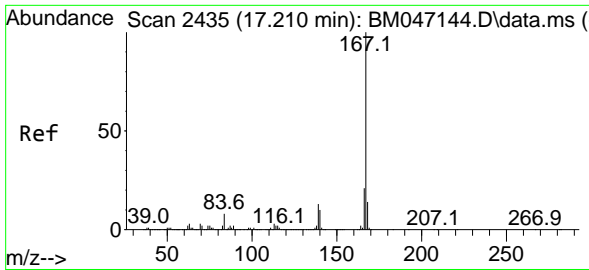


#72
 Anthracene
 Concen: 36.326 ng
 RT: 16.915 min Scan# 2385
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion:178 Resp: 2521120

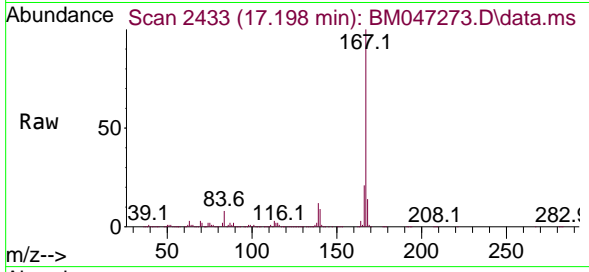
Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.3	12.4	18.6



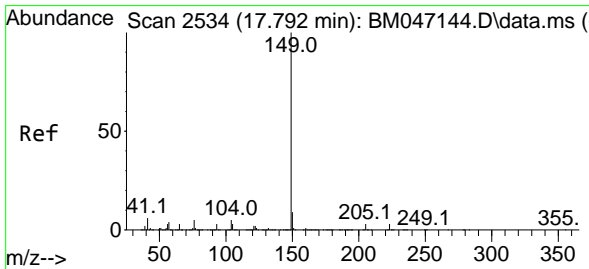
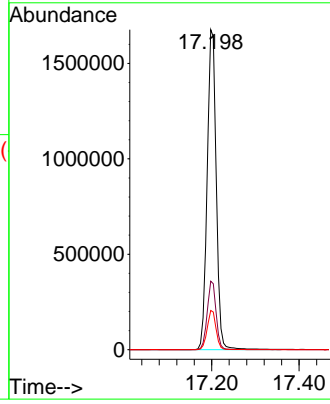
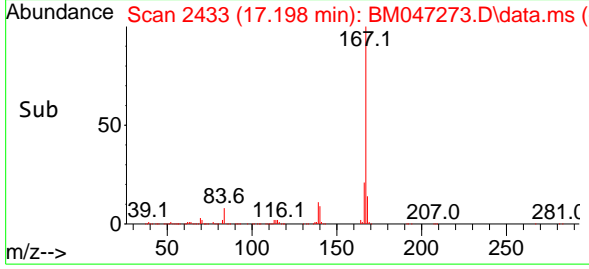


#73
 Carbazole
 Concen: 34.149 ng
 RT: 17.198 min Scan# 24
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

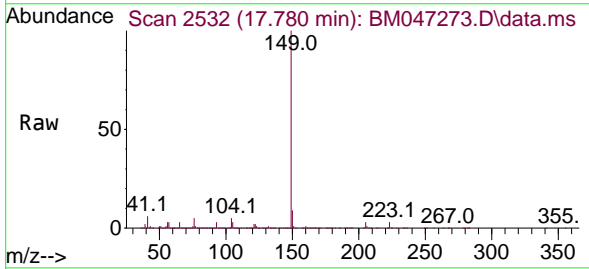
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040



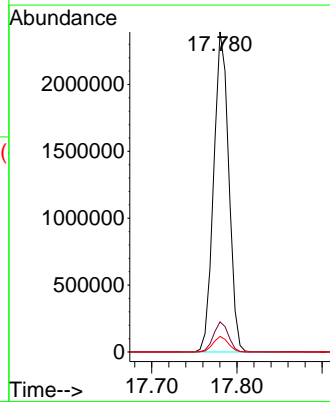
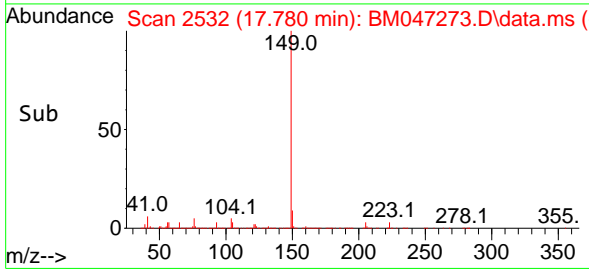
Tgt Ion:167 Resp: 2419855
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 12.2 10.0 15.0

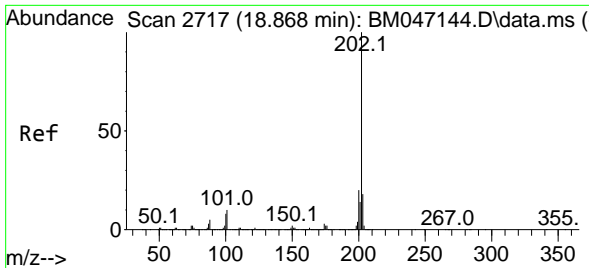


#74
 Di-n-butylphthalate
 Concen: 35.685 ng
 RT: 17.780 min Scan# 2532
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55



Tgt Ion:149 Resp: 2942272
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.8 4.1 6.1



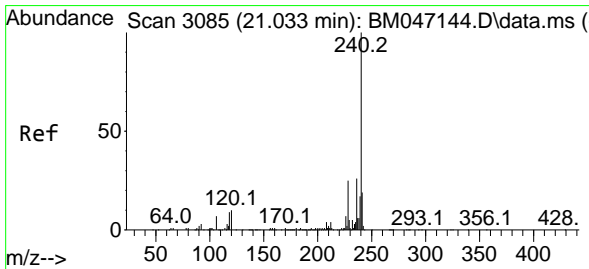
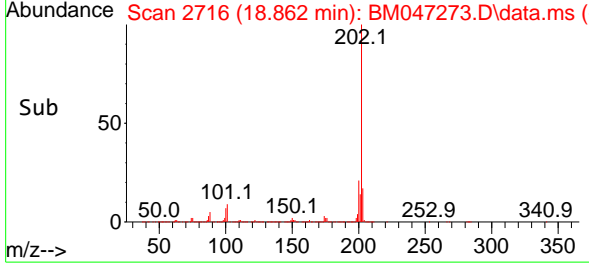
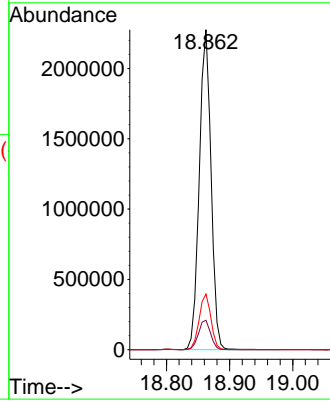
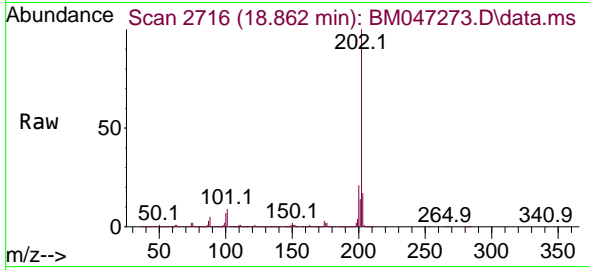


#75
 Fluoranthene
 Concen: 33.781 ng
 RT: 18.862 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion:202 Resp: 2930737

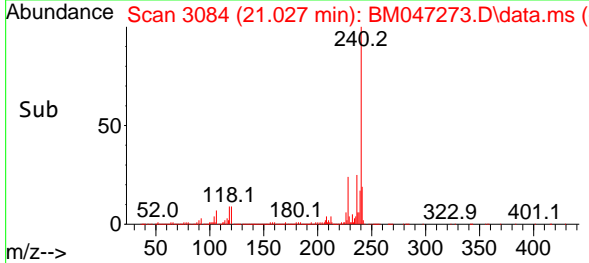
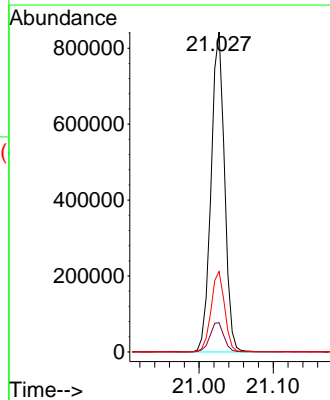
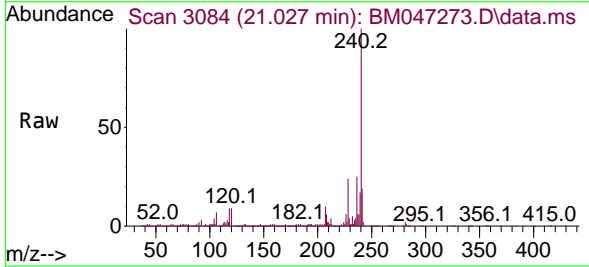
Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.2
203	17.4	0.0	37.6

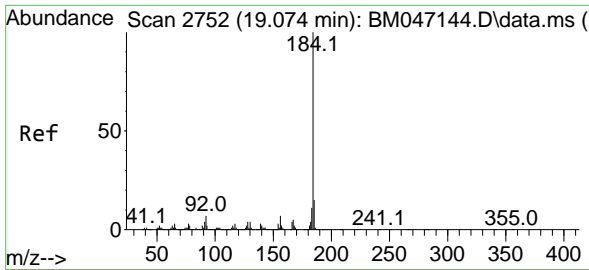


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.027 min Scan# 3084
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion:240 Resp: 1062416

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.2	12.2
236	25.1	20.6	30.8



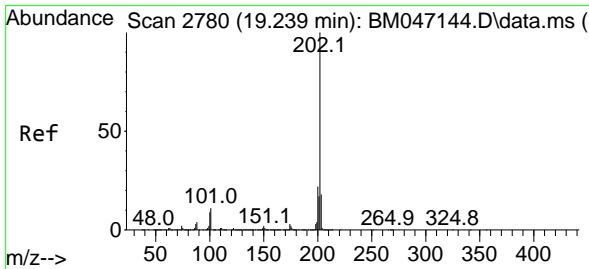
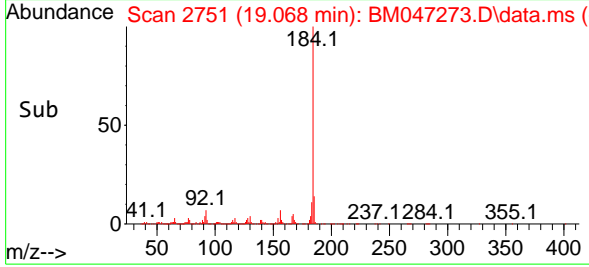
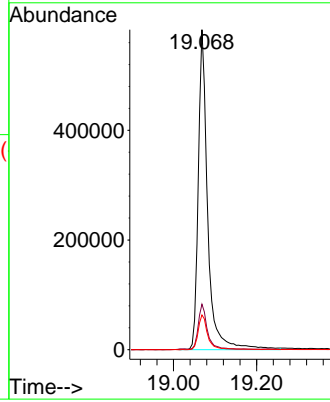
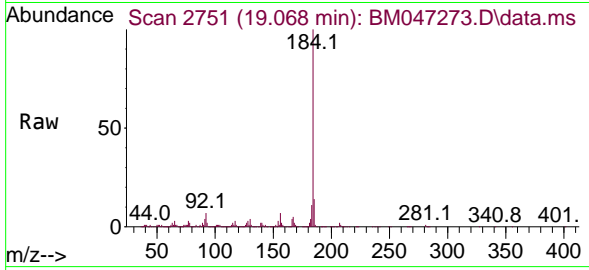


#77
 Benzidine
 Concen: 51.085 ng
 RT: 19.068 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 920392

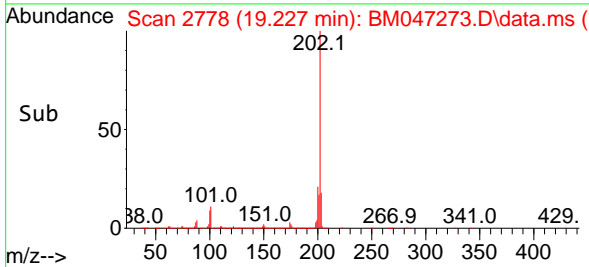
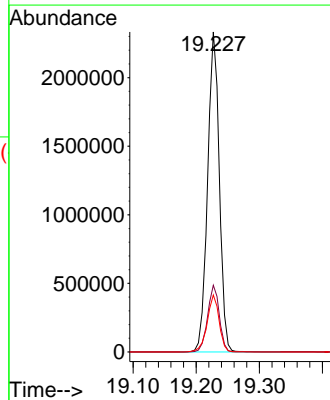
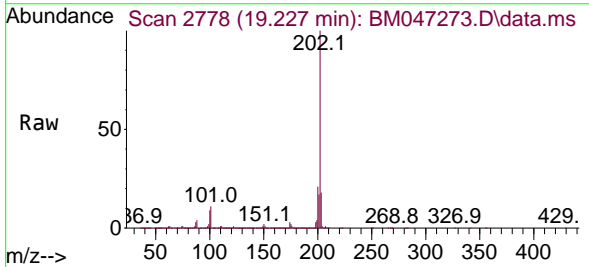
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.6
183	10.9	9.0	13.6

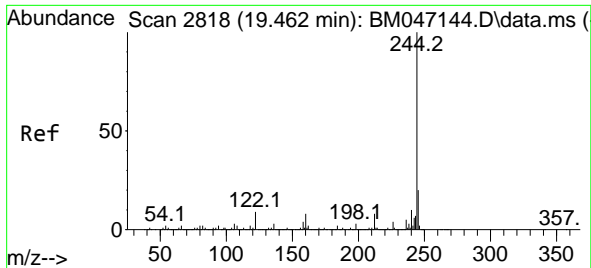


#78
 Pyrene
 Concen: 39.677 ng
 RT: 19.227 min Scan# 2778
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion:202 Resp: 3009886

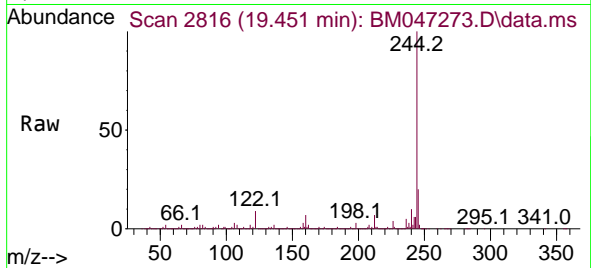
Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.2	25.8
203	17.8	14.2	21.2





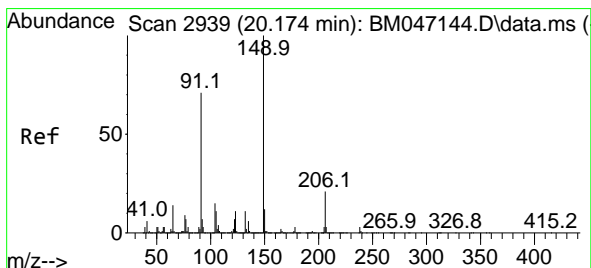
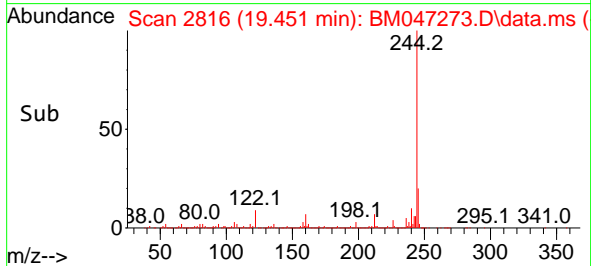
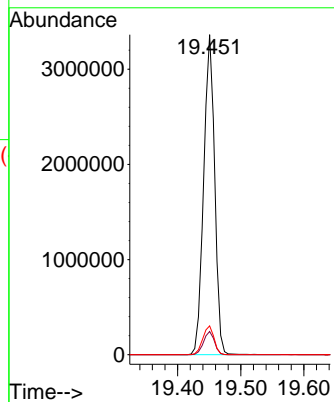
#79
 Terphenyl-d14
 Concen: 82.014 ng
 RT: 19.451 min Scan# 2816
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040



Tgt Ion:244 Resp: 4066401

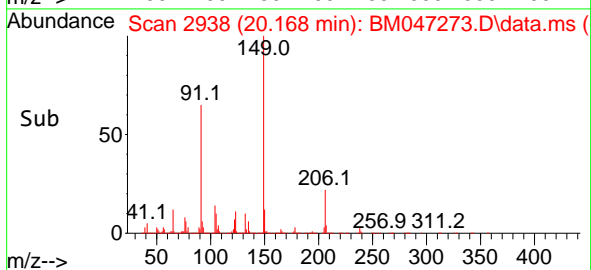
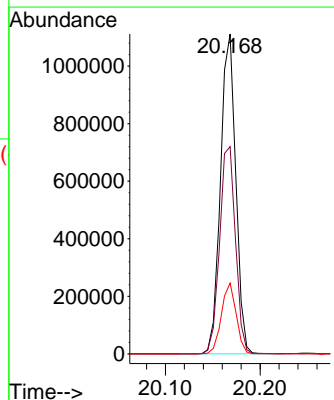
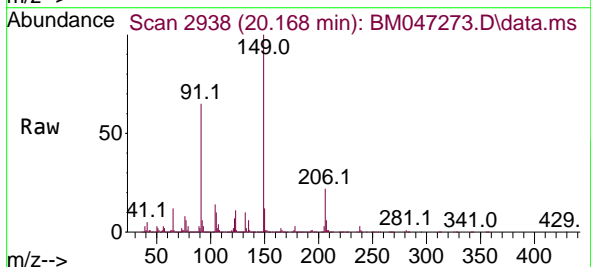
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.4
122	9.0	7.1	10.7

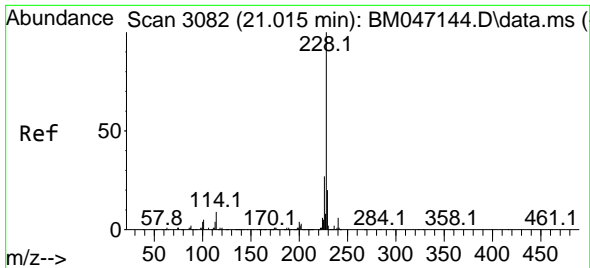


#80
 Butylbenzylphthalate
 Concen: 40.275 ng
 RT: 20.168 min Scan# 2938
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion:149 Resp: 1246855

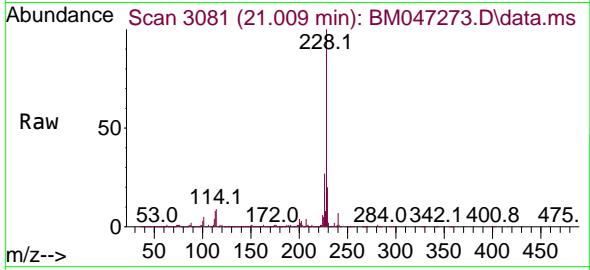
Ion	Ratio	Lower	Upper
149	100		
91	64.8	57.0	85.4
206	22.2	16.4	24.6





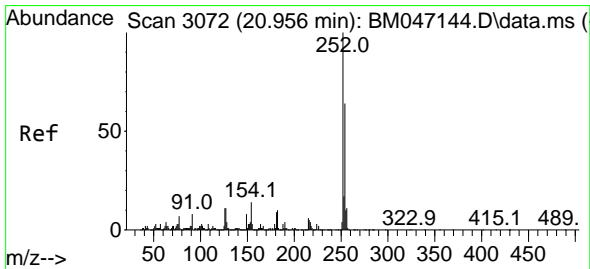
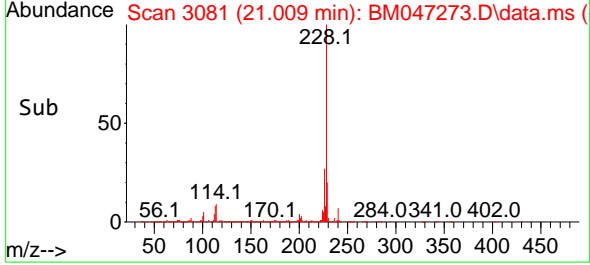
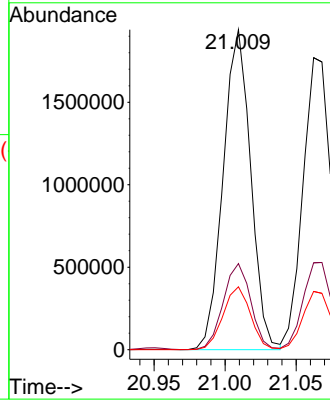
#81
 Benzo(a)anthracene
 Concen: 37.104 ng
 RT: 21.009 min Scan# 3081
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument : BNA_M
 ClientSampleId : SSTDCCC040

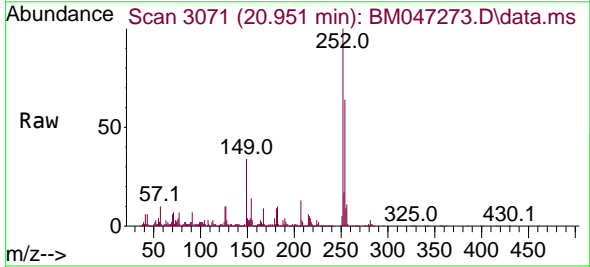


Tgt Ion:228 Resp: 2616899

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.6
229	19.7	15.8	23.8

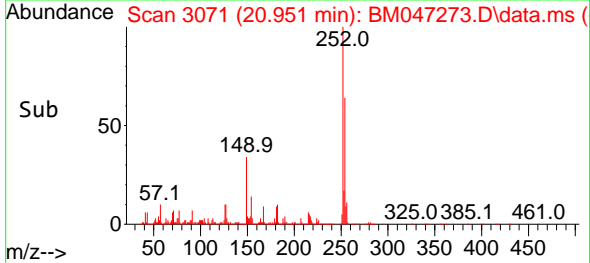
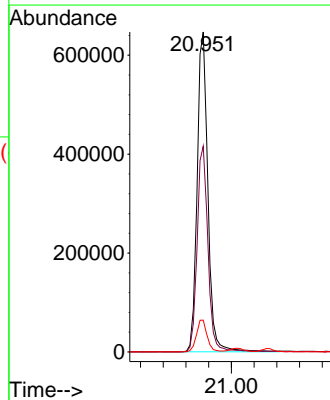


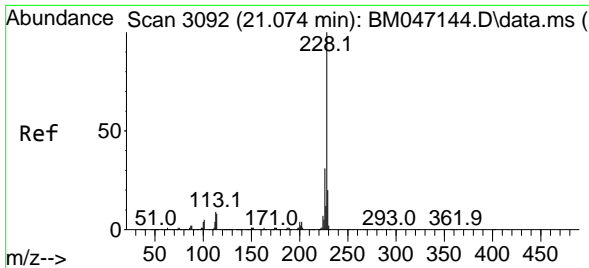
#82
 3,3'-Dichlorobenzidine
 Concen: 38.703 ng
 RT: 20.951 min Scan# 3071
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55



Tgt Ion:252 Resp: 854062

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.0	76.6
126	10.0	8.5	12.7



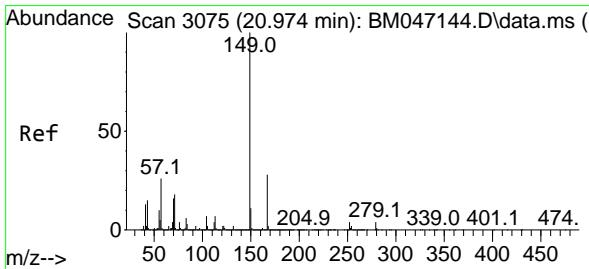
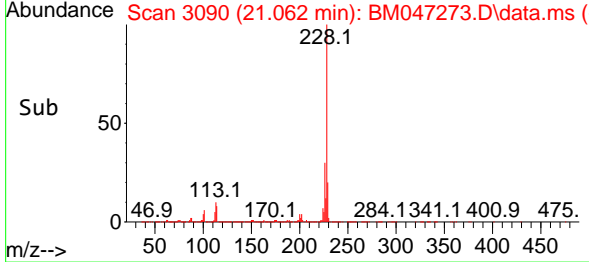
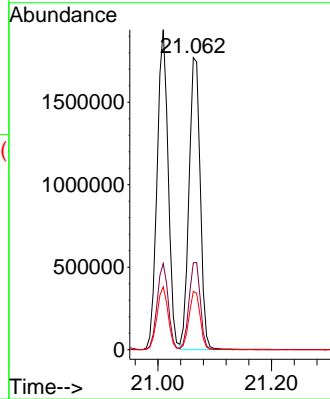
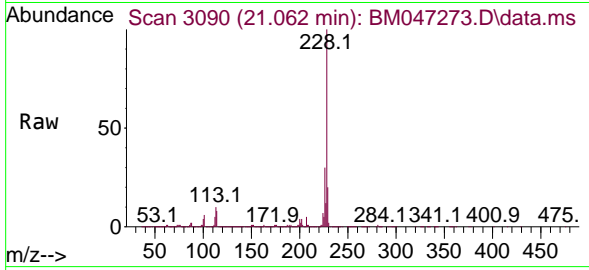


#83
 Chrysene
 Concen: 36.303 ng
 RT: 21.062 min Scan# 3090
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument : BNA_M
 ClientSampleId : SSTDCCC040

Tgt Ion: 228 Resp: 2429241

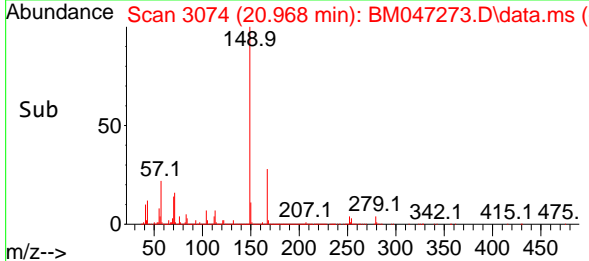
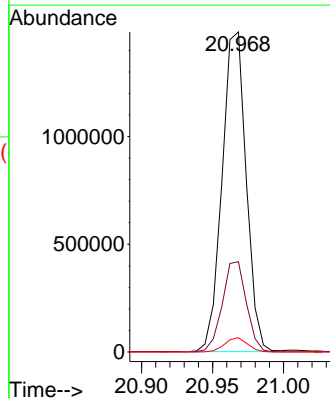
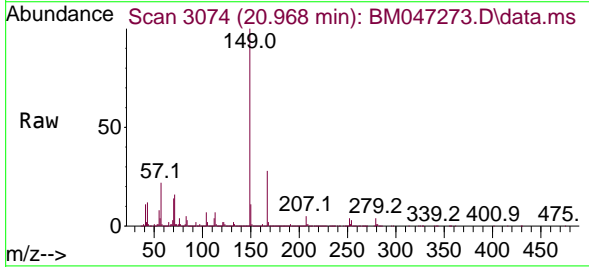
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	20.0	15.7	23.5

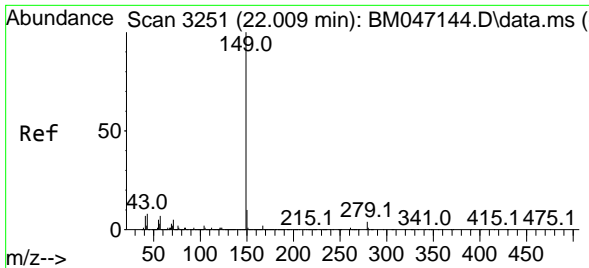


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.975 ng
 RT: 20.968 min Scan# 3074
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion: 149 Resp: 1755081

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.2
279	4.4	3.0	4.4#



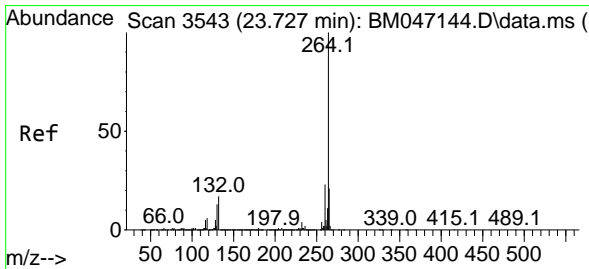
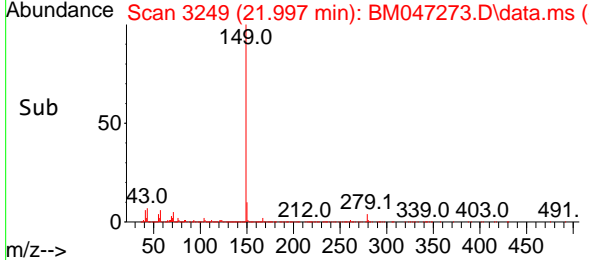
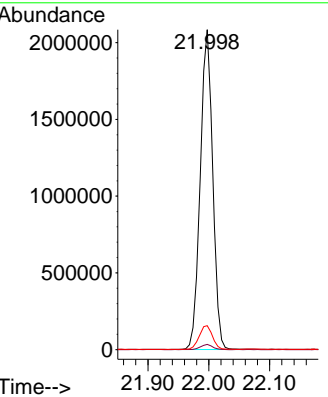
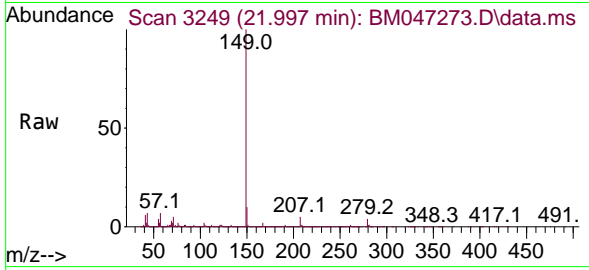


#85
 Di-n-octyl phthalate
 Concen: 39.723 ng
 RT: 21.997 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 2964286

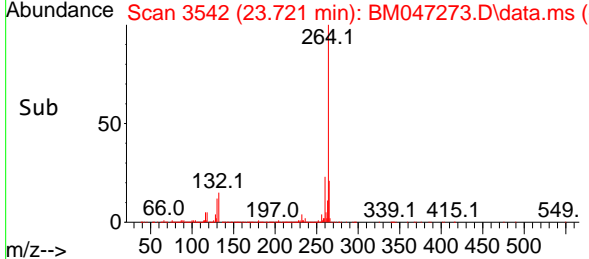
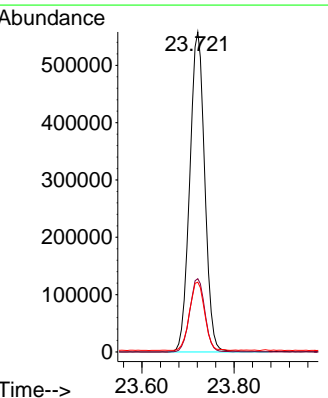
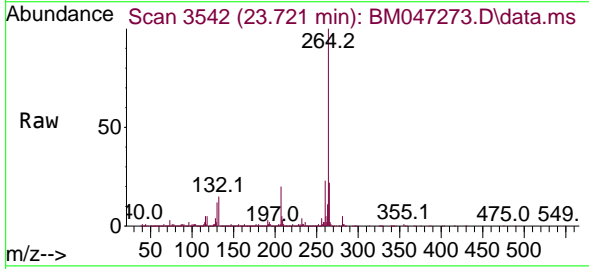
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	6.9	10.3

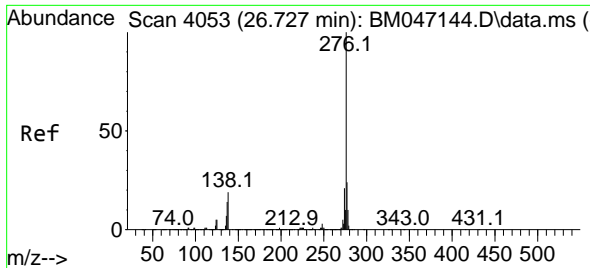


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.721 min Scan# 3542
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion:264 Resp: 1267877

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.8	17.3	25.9



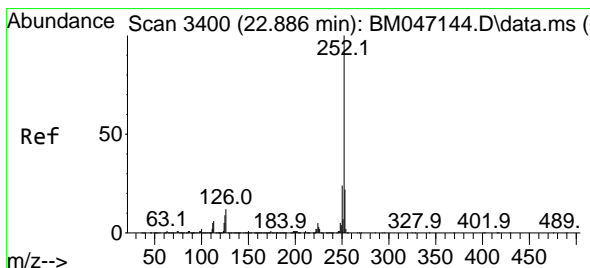
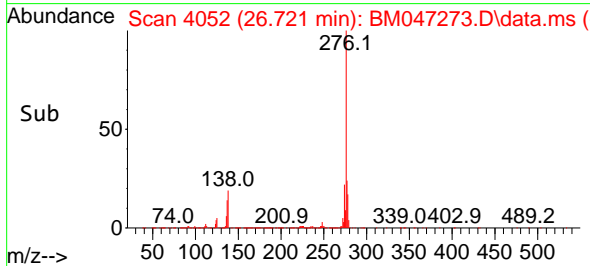
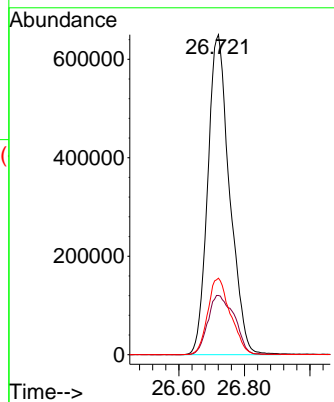
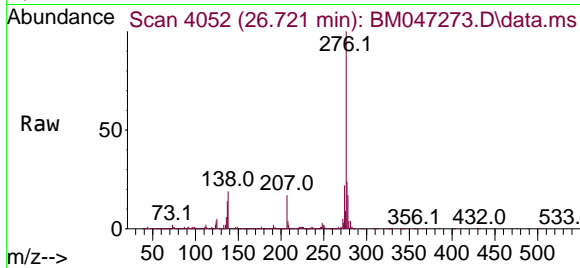


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.699 ng
 RT: 26.721 min Scan# 4053
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 276 Resp: 3007575

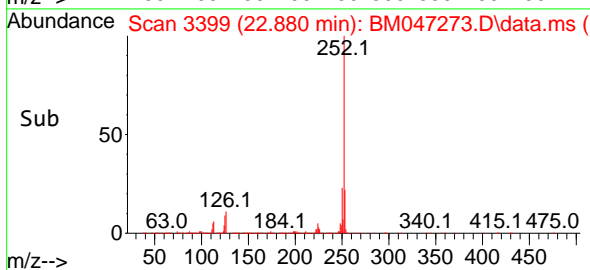
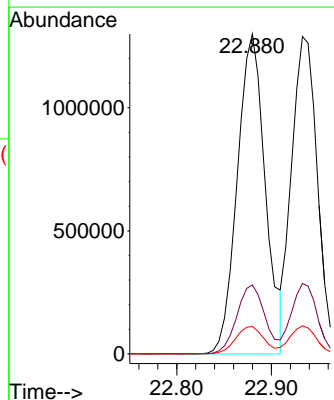
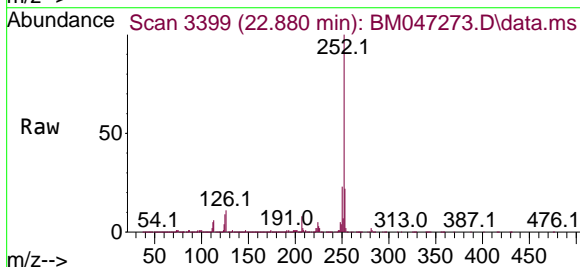
Ion	Ratio	Lower	Upper
276	100		
138	22.5	19.4	29.0
277	25.0	20.1	30.1

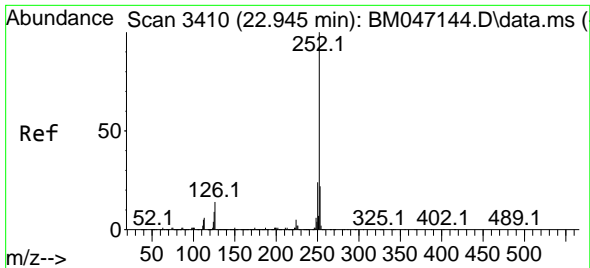


#88
 Benzo(b)fluoranthene
 Concen: 35.387 ng
 RT: 22.880 min Scan# 3399
 Delta R.T. -0.006 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion: 252 Resp: 2664466

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	8.6	7.4	11.0



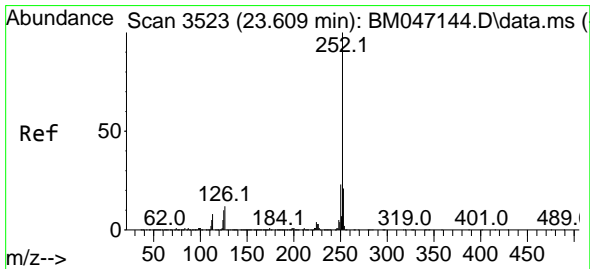
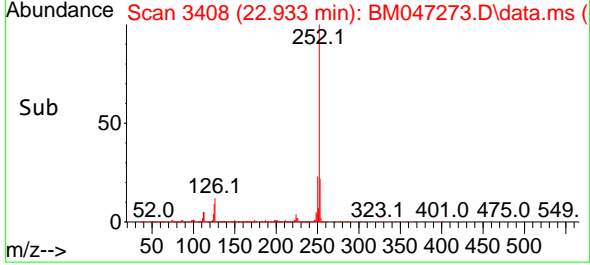
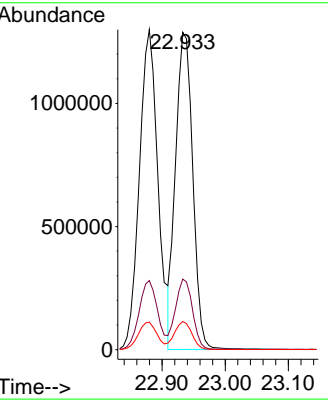
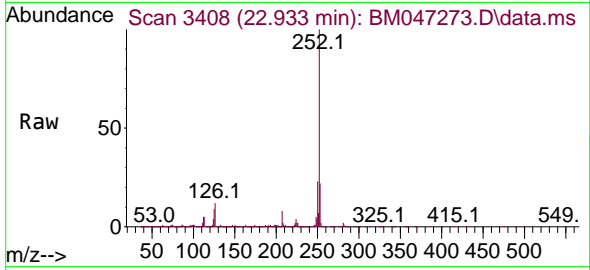


#89
 Benzo(k)fluoranthene
 Concen: 34.213 ng
 RT: 22.933 min Scan# 3408
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tgt Ion:252 Resp: 2433193

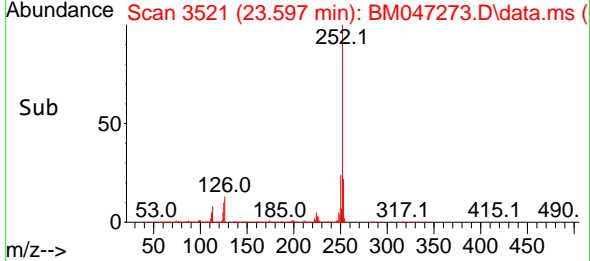
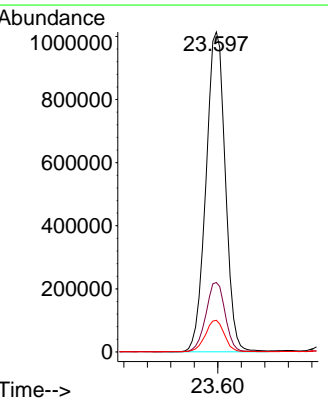
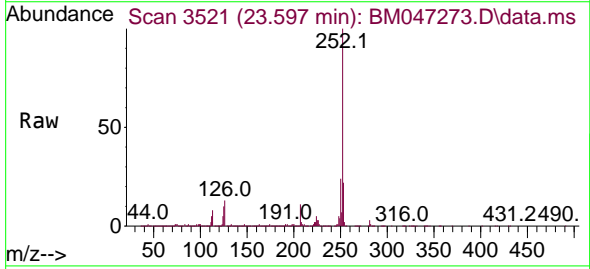
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	8.9	7.4	11.2

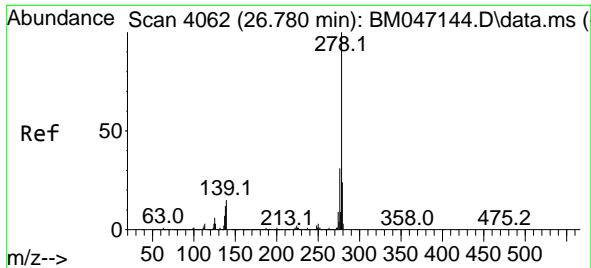


#90
 Benzo(a)pyrene
 Concen: 35.412 ng
 RT: 23.597 min Scan# 3521
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion:252 Resp: 2309770

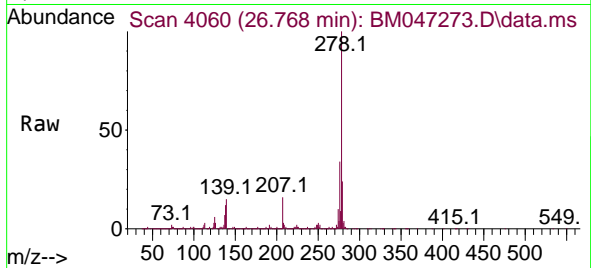
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.9	8.2	12.2





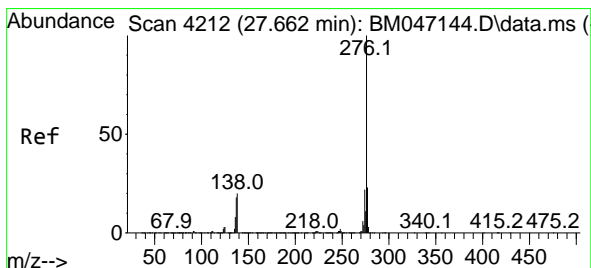
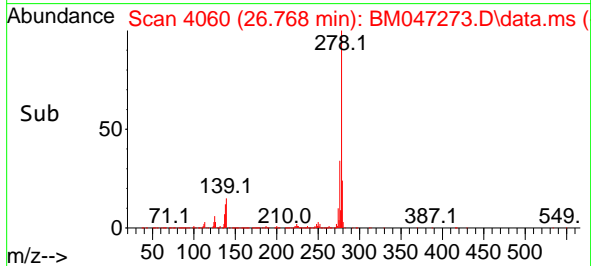
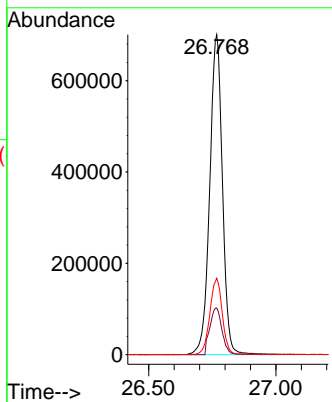
#91
Dibenzo(a,h)anthracene
 Concen: 36.768 ng
 RT: 26.768 min Scan# 4060
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Instrument :
 BNA_M
ClientSampleId :
 SSTDCCC040



Tgt Ion: 278 Resp: 2438519

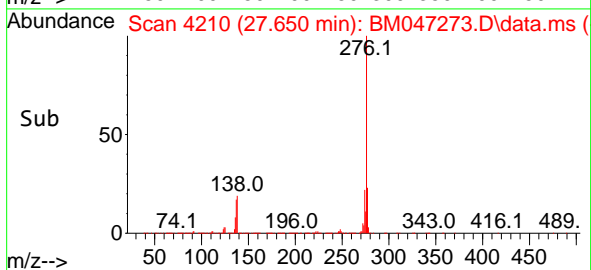
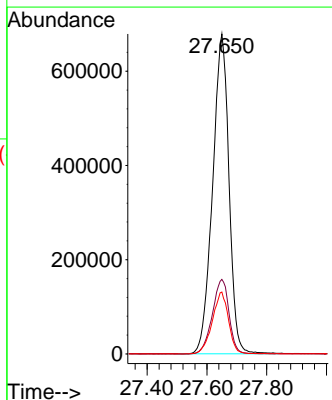
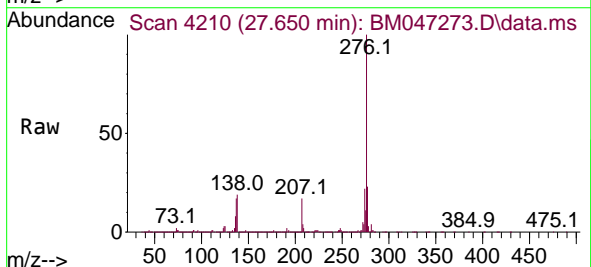
Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.0	18.0
279	23.9	19.2	28.8



#92
Benzo(g,h,i)perylene
 Concen: 37.438 ng
 RT: 27.650 min Scan# 4210
 Delta R.T. -0.012 min
 Lab File: BM047273.D
 Acq: 20 Aug 2024 16:55

Tgt Ion: 276 Resp: 2577962

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	19.3	16.2	24.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
Data File : BM047273.D
Acq On : 20 Aug 2024 16:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Aug 20 17:46:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	-0.02
2	1,4-Dioxane	0.464	0.414	10.8	91	0.00
3	Pyridine	1.360	1.085	20.2	80	0.00
4	n-Nitrosodimethylamine	0.594	0.477	19.7	80	0.00
5 S	2-Fluorophenol	1.119	0.994	11.2	89	0.00
6	Aniline	1.458	1.165	20.1	78	-0.02
7 S	Phenol-d6	1.542	1.269	17.7	83	-0.01
8	2-Chlorophenol	1.221	1.069	12.4	87	-0.01
9	Benzaldehyde	0.904	0.745	17.6	92	-0.01
10 C	Phenol	1.539	1.246	19.0	82	-0.01
11	bis(2-Chloroethyl)ether	1.318	1.085	17.7	81	-0.02
12	1,3-Dichlorobenzene	1.451	1.352	6.8	92	-0.02
13 C	1,4-Dichlorobenzene	1.469	1.351	8.0	91	-0.02
14	1,2-Dichlorobenzene	1.386	1.252	9.7	92	-0.01
15	Benzyl Alcohol	1.098	0.887	19.2	78	-0.02
16	2,2'-oxybis(1-Chloropropane)	1.691	1.326	21.6	77	-0.02
17	2-Methylphenol	1.027	0.857	16.6	82	-0.01
18	Hexachloroethane	0.569	0.522	8.3	91	-0.02
19 P	n-Nitroso-di-n-propylamine	1.039	0.773	25.6#	76	-0.02
20	3+4-Methylphenols	1.435	1.166	18.7	79	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	86	-0.02
22	Acetophenone	0.483	0.426	11.8	79	-0.02
23 S	Nitrobenzene-d5	0.397	0.350	11.8	77	-0.01
24	Nitrobenzene	0.400	0.355	11.3	78	-0.01
25	Isophorone	0.692	0.596	13.9	75	-0.02
26 C	2-Nitrophenol	0.177	0.173	2.3	82	-0.01
27	2,4-Dimethylphenol	0.207	0.190	8.2	78	-0.01
28	bis(2-Chloroethoxy)methane	0.435	0.384	11.7	76	-0.02
29 C	2,4-Dichlorophenol	0.308	0.300	2.6	83	-0.01
30	1,2,4-Trichlorobenzene	0.348	0.349	-0.3	87	-0.01
31	Naphthalene	0.996	0.903	9.3	80	-0.02
32	Benzoic acid	0.241	0.218	9.5	75	-0.02
33	4-Chloroaniline	0.383	0.328	14.4	73	-0.02
34 C	Hexachlorobutadiene	0.204	0.220	-7.8	93	-0.02
35	Caprolactam	0.107	0.084	21.5	66	-0.02
36 C	4-Chloro-3-methylphenol	0.328	0.278	15.2	73	0.00
37	2-Methylnaphthalene	0.709	0.628	11.4	78	-0.01
38	1-Methylnaphthalene	0.701	0.614	12.4	78	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	80	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.546	0.585	-7.1	86	-0.01
41 P	Hexachlorocyclopentadiene	0.190	0.178	6.3	71	-0.02
42 S	2,4,6-Tribromophenol	0.232	0.214	7.8	74	0.00
43 C	2,4,6-Trichlorophenol	0.388	0.386	0.5	77	-0.01
44	2,4,5-Trichlorophenol	0.430	0.425	1.2	78	0.00
45 S	2-Fluorobiphenyl	1.297	1.251	3.5	79	-0.02
46	1,1'-Biphenyl	1.424	1.330	6.6	77	-0.02
47	2-Chloronaphthalene	1.113	1.034	7.1	77	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047273.D
 Acq On : 20 Aug 2024 16:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 20 17:46:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.349	0.295	15.5	66	-0.01
49	Acenaphthylene	1.640	1.497	8.7	75	-0.01
50	Dimethylphthalate	1.397	1.231	11.9	71	-0.02
51	2,6-Dinitrotoluene	0.327	0.298	8.9	72	0.00
52 C	Acenaphthene	1.041	0.935	10.2	74	-0.01
53	3-Nitroaniline	0.327	0.275	15.9	66	-0.01
54 P	2,4-Dinitrophenol	0.196	0.160	18.4	63	0.00
55	Dibenzofuran	1.644	1.484	9.7	75	-0.01
56 P	4-Nitrophenol	0.282	0.215	23.8	59	0.00
57	2,4-Dinitrotoluene	0.436	0.377	13.5	68	0.00
58	Fluorene	1.356	1.194	11.9	73	-0.01
59	2,3,4,6-Tetrachlorophenol	0.354	0.336	5.1	76	0.00
60	Diethylphthalate	1.426	1.213	14.9	69	-0.02
61	4-Chlorophenyl-phenylether	0.646	0.591	8.5	76	-0.01
62	4-Nitroaniline	0.322	0.254	21.1	64	-0.01
63	Azobenzene	1.352	1.093	19.2	67	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	75	0.00
65	4,6-Dinitro-2-methylphenol	0.117	0.113	3.4	67	0.00
66 c	n-Nitrosodiphenylamine	0.545	0.514	5.7	72	-0.01
67	4-Bromophenyl-phenylether	0.193	0.196	-1.6	77	-0.01
68	Hexachlorobenzene	0.231	0.228	1.3	74	0.00
69	Atrazine	0.164	0.134	18.3	59	-0.01
70 C	Pentachlorophenol	0.162	0.152	6.2	68	0.00
71	Phenanthrene	1.004	0.897	10.7	69	-0.01
72	Anthracene	0.977	0.887	9.2	70	-0.01
73	Carbazole	0.997	0.851	14.6	66	-0.01
74	Di-n-butylphthalate	1.160	1.035	10.8	66	-0.01
75 C	Fluoranthene	1.221	1.031	15.6	64	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	63	0.00
77	Benzidine	0.339	0.433	-27.7#	56	0.00
78	Pyrene	1.428	1.417	0.8	63	-0.01
79 S	Terphenyl-d14	0.933	0.957	-2.6	65	-0.01
80	Butylbenzylphthalate	0.583	0.587	-0.7	61	0.00
81	Benzo(a)anthracene	1.328	1.232	7.2	60	0.00
82	3,3'-Dichlorobenzidine	0.415	0.402	3.1	58	0.00
83	Chrysene	1.260	1.143	9.3	59	-0.01
84	Bis(2-ethylhexyl)phthalate	0.826	0.826	0.0	62	0.00
85 c	Di-n-octyl phthalate	1.405	1.395	0.7	61	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	63	0.00
87	Indeno(1,2,3-cd)pyrene	1.293	1.186	8.3	58	0.00
88	Benzo(b)fluoranthene	1.188	1.051	11.5	57	0.00
89	Benzo(k)fluoranthene	1.122	0.960	14.4	55	-0.01
90 C	Benzo(a)pyrene	1.029	0.911	11.5	56	-0.01
91	Dibenzo(a,h)anthracene	1.046	0.962	8.0	59	-0.01
92	Benzo(g,h,i)perylene	1.086	1.017	6.4	59	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047273.D
 Acq On : 20 Aug 2024 16:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
LabSampleId :
 SSTDCCC040

Quant Time: Aug 20 17:46:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0

- 1
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- 17

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047273.D
 Acq On : 20 Aug 2024 16:55
 Operator : RC/JU
 Sample : SSTDCCC040
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 20 17:46:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	96	-0.02
2	1,4-Dioxane	40.000	35.712	10.7	91	0.00
3	Pyridine	40.000	31.902	20.2	80	0.00
4	n-Nitrosodimethylamine	40.000	32.118	19.7	80	0.00
5 S	2-Fluorophenol	80.000	71.070	11.2	89	0.00
6	Aniline	40.000	31.980	20.0	78	-0.02
7 S	Phenol-d6	80.000	65.815	17.7	83	-0.01
8	2-Chlorophenol	40.000	35.017	12.5	87	-0.01
9	Benzaldehyde	40.000	35.040	12.4	92	-0.01
10 C	Phenol	40.000	32.387	19.0	82	-0.01
11	bis(2-Chloroethyl)ether	40.000	32.930	17.7	81	-0.02
12	1,3-Dichlorobenzene	40.000	37.282	6.8	92	-0.02
13 C	1,4-Dichlorobenzene	40.000	36.786	8.0	91	-0.02
14	1,2-Dichlorobenzene	40.000	36.135	9.7	92	-0.01
15	Benzyl Alcohol	40.000	32.335	19.2	78	-0.02
16	2,2'-oxybis(1-Chloropropane)	40.000	31.356	21.6	77	-0.02
17	2-Methylphenol	40.000	33.395	16.5	82	-0.01
18	Hexachloroethane	40.000	36.675	8.3	91	-0.02
19 P	n-Nitroso-di-n-propylamine	40.000	29.782	25.5#	76	-0.02
20	3+4-Methylphenols	40.000	32.499	18.8	79	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	86	-0.02
22	Acetophenone	40.000	35.327	11.7	79	-0.02
23 S	Nitrobenzene-d5	80.000	70.417	12.0	77	-0.01
24	Nitrobenzene	40.000	35.493	11.3	78	-0.01
25	Isophorone	40.000	34.472	13.8	75	-0.02
26 C	2-Nitrophenol	40.000	39.041	2.4	82	-0.01
27	2,4-Dimethylphenol	40.000	36.706	8.2	78	-0.01
28	bis(2-Chloroethoxy)methane	40.000	35.335	11.7	76	-0.02
29 C	2,4-Dichlorophenol	40.000	38.949	2.6	83	-0.01
30	1,2,4-Trichlorobenzene	40.000	40.114	-0.3	87	-0.01
31	Naphthalene	40.000	36.272	9.3	80	-0.02
32	Benzoic acid	40.000	36.179	9.6	75	-0.02
33	4-Chloroaniline	40.000	34.209	14.5	73	-0.02
34 C	Hexachlorobutadiene	40.000	43.182	-8.0	93	-0.02
35	Caprolactam	40.000	31.474	21.3	66	-0.02
36 C	4-Chloro-3-methylphenol	40.000	33.928	15.2	73	0.00
37	2-Methylnaphthalene	40.000	35.408	11.5	78	-0.01
38	1-Methylnaphthalene	40.000	35.048	12.4	78	-0.02
39 I	Acenaphthene-d10	20.000	20.000	0.0	80	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	42.873	-7.2	86	-0.01
41 P	Hexachlorocyclopentadiene	40.000	37.300	6.8	71	-0.02
42 S	2,4,6-Tribromophenol	80.000	73.866	7.7	74	0.00
43 C	2,4,6-Trichlorophenol	40.000	39.807	0.5	77	-0.01
44	2,4,5-Trichlorophenol	40.000	39.498	1.3	78	0.00
45 S	2-Fluorobiphenyl	80.000	77.189	3.5	79	-0.02
46	1,1'-Biphenyl	40.000	37.350	6.6	77	-0.02
47	2-Chloronaphthalene	40.000	37.149	7.1	77	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
Data File : BM047273.D
Acq On : 20 Aug 2024 16:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Aug 20 17:46:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	33.855	15.4	66	-0.01
49	Acenaphthylene	40.000	36.494	8.8	75	-0.01
50	Dimethylphthalate	40.000	35.265	11.8	71	-0.02
51	2,6-Dinitrotoluene	40.000	36.470	8.8	72	0.00
52 C	Acenaphthene	40.000	35.959	10.1	74	-0.01
53	3-Nitroaniline	40.000	33.606	16.0	66	-0.01
54 P	2,4-Dinitrophenol	40.000	32.704	18.2	63	0.00
55	Dibenzofuran	40.000	36.117	9.7	75	-0.01
56 P	4-Nitrophenol	40.000	30.546	23.6	59	0.00
57	2,4-Dinitrotoluene	40.000	34.614	13.5	68	0.00
58	Fluorene	40.000	35.223	11.9	73	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	38.039	4.9	76	0.00
60	Diethylphthalate	40.000	34.014	15.0	69	-0.02
61	4-Chlorophenyl-phenylether	40.000	36.631	8.4	76	-0.01
62	4-Nitroaniline	40.000	31.542	21.1	64	-0.01
63	Azobenzene	40.000	32.335	19.2	67	-0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	75	0.00
65	4,6-Dinitro-2-methylphenol	40.000	38.584	3.5	67	0.00
66 c	n-Nitrosodiphenylamine	40.000	37.770	5.6	72	-0.01
67	4-Bromophenyl-phenylether	40.000	40.618	-1.5	77	-0.01
68	Hexachlorobenzene	40.000	39.535	1.2	74	0.00
69	Atrazine	40.000	32.579	18.6	59	-0.01
70 C	Pentachlorophenol	40.000	37.465	6.3	68	0.00
71	Phenanthrene	40.000	35.740	10.6	69	-0.01
72	Anthracene	40.000	36.326	9.2	70	-0.01
73	Carbazole	40.000	34.149	14.6	66	-0.01
74	Di-n-butylphthalate	40.000	35.685	10.8	66	-0.01
75 C	Fluoranthene	40.000	33.781	15.5	64	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	63	0.00
77	Benzidine	40.000	51.085	-27.7#	56	0.00
78	Pyrene	40.000	39.677	0.8	63	-0.01
79 S	Terphenyl-d14	80.000	82.014	-2.5	65	-0.01
80	Butylbenzylphthalate	40.000	40.275	-0.7	61	0.00
81	Benzo(a)anthracene	40.000	37.104	7.2	60	0.00
82	3,3'-Dichlorobenzidine	40.000	38.703	3.2	58	0.00
83	Chrysene	40.000	36.303	9.2	59	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	39.975	0.1	62	0.00
85 c	Di-n-octyl phthalate	40.000	39.723	0.7	61	-0.01
86 I	Perylene-d12	20.000	20.000	0.0	63	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	36.699	8.3	58	0.00
88	Benzo(b)fluoranthene	40.000	35.387	11.5	57	0.00
89	Benzo(k)fluoranthene	40.000	34.213	14.5	55	-0.01
90 C	Benzo(a)pyrene	40.000	35.412	11.5	56	-0.01
91	Dibenzo(a,h)anthracene	40.000	36.768	8.1	59	-0.01
92	Benzo(g,h,i)perylene	40.000	37.438	6.4	59	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047273.D
 Acq On : 20 Aug 2024 16:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
LabSampleId :
 SSTDCCC040

Quant Time: Aug 20 17:46:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0

- 1
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JACO05
 Lab Code: CHEM Case No.: P3645 SAS No.: P3645 SDG No.: P3645
 Instrument ID: BNA_P Calibration Date/Time: 08/21/2024 10:10
 Lab File ID: BP021592.D Init. Calib. Date(s): 08/13/2024 08/13/2024
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:32 17:36
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.783	1.611		-9.6	
2-Fluorophenol	1.347	1.386		2.9	
Benzaldehyde	1.258	1.091		-13.3	
Phenol-d6	1.965	1.977		0.6	
2-Methylphenol	1.286	1.305		1.5	
3+4-Methylphenols	1.734	1.825		5.2	
Nitrobenzene-d5	0.387	0.422		9.0	
Hexachloroethane	0.599	0.595		-0.7	
Nitrobenzene	0.421	0.431		2.4	
Naphthalene	1.045	1.044		-0.1	
Hexachlorobutadiene	0.215	0.205		-4.7	20.0
2-Methylnaphthalene	0.713	0.713		0.0	
2,4,6-Trichlorophenol	0.326	0.377		15.6	20.0
2-Fluorobiphenyl	1.310	1.238		-5.5	
2,4,5-Trichlorophenol	0.362	0.428		18.2	
Acenaphthylene	1.619	1.609		-0.6	
Acenaphthene	1.063	1.108		4.2	20.0
Dibenzofuran	1.635	1.652		1.0	
2,4-Dinitrotoluene	0.284	0.455		60.2	
Fluorene	1.343	1.339		-0.3	
2,4,6-Tribromophenol	0.223	0.273		22.4	
Hexachlorobenzene	0.250	0.235		-6.0	
Pentachlorophenol	0.137	0.170		24.1	20.0
Phenanthrene	0.962	0.954		-0.8	
Anthracene	0.943	0.939		-0.4	
Carbazole	0.909	0.951		4.6	
Di-n-butylphthalate	1.116	1.157		3.7	
Fluoranthene	1.180	1.267		7.4	20.0
Pyrene	1.307	1.288		-1.5	
Terphenyl-d14	1.029	0.947		-8.0	
Benzo (a) anthracene	1.256	1.256		0.0	
Chrysene	1.185	1.189		0.3	
Bis (2-ethylhexyl) phthalate	0.742	0.828		11.6	
Benzo (b) fluoranthene	1.149	1.155		0.5	
Benzo (k) fluoranthene	1.121	1.078		-3.8	
Benzo (a) pyrene	0.997	0.999		0.2	20.0
Indeno (1,2,3-cd) pyrene	1.296	1.288		-0.6	
Dibenzo (a,h) anthracene	1.077	1.069		-0.7	
Benzo (g,h,i) perylene	1.080	1.079		-0.1	

Form VII SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JACO05
 Lab Code: CHEM Case No.: P3645 SAS No.: P3645 SDG No.: P3645
 Instrument ID: BNA_P Calibration Date/Time: 08/21/2024 10:10
 Lab File ID: BP021592.D Init. Calib. Date(s): 08/13/2024 08/13/2024
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:32 17:36
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,4-Dioxane	0.639	0.574		-10.2	20.0
1-Methylnaphthalene	0.703	0.703		0.0	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021592.D
 Acq On : 21 Aug 2024 10:10
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 10:57:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	299938	20.000	ng	0.00	
21) Naphthalene-d8	10.593	136	1244552	20.000	ng	0.00	
39) Acenaphthene-d10	14.451	164	863135	20.000	ng	0.00	
64) Phenanthrene-d10	17.263	188	1998553	20.000	ng	0.01	
76) Chrysenes-d12	21.733	240	2127498	20.000	ng	0.04	
86) Perylene-d12	25.174	264	2528931	20.000	ng	0.07	
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	1662870	82.321	ng	0.01	
7) Phenol-d6	6.969	99	2372349	80.509	ng	0.00	
23) Nitrobenzene-d5	8.946	82	2098453	87.029	ng	0.00	
42) 2,4,6-Tribromophenol	15.975	330	942695	98.133	ng	0.00	
45) 2-Fluorobiphenyl	13.057	172	4274617	75.582	ng	0.00	
79) Terphenyl-d14	19.986	244	8059275	73.593	ng	0.01	
Target Compounds							
2) 1,4-Dioxane	3.322	88	344196	35.937	ng		98
3) Pyridine	3.716	79	966341	36.141	ng		93
4) n-Nitrosodimethylamine	3.622	42	304047	37.833	ng		91
6) Aniline	7.134	93	1072114	36.394	ng		96
8) 2-Chlorophenol	7.369	128	798991	42.802	ng		96
9) Benzaldehyde	6.946	77	654682m	34.700	ng		
10) Phenol	6.999	94	1203568	39.444	ng		96
11) bis(2-Chloroethyl)ether	7.222	93	909737	35.234	ng		98
12) 1,3-Dichlorobenzene	7.699	146	875909	39.503	ng		96
13) 1,4-Dichlorobenzene	7.840	146	887831	39.653	ng		97
14) 1,2-Dichlorobenzene	8.157	146	849104	39.353	ng		98
15) Benzyl Alcohol	8.034	79	804547	38.053	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.328	45	832233	35.001	ng		97
17) 2-Methylphenol	8.240	107	782857	40.583	ng		95
18) Hexachloroethane	8.881	117	356687	39.727	ng		98
19) n-Nitroso-di-n-propyla...	8.604	70	679610	33.388	ng		96
20) 3+4-Methylphenols	8.563	107	1094779	42.089	ng		98
22) Acetophenone	8.616	105	1456800	38.102	ng	#	98
24) Nitrobenzene	8.987	77	1072762	40.964	ng		93
25) Isophorone	9.522	82	2008607	35.261	ng		96
26) 2-Nitrophenol	9.698	139	409562	56.798	ng		93
27) 2,4-Dimethylphenol	9.763	122	573426	40.790	ng		96
28) bis(2-Chloroethoxy)met...	9.998	93	1258385	36.190	ng		100
29) 2,4-Dichlorophenol	10.240	162	753034	45.336	ng		97
30) 1,2,4-Trichlorobenzene	10.451	180	837253	39.317	ng		98
31) Naphthalene	10.640	128	2598668	39.970	ng		100
32) Benzoic acid	9.893	122	685886	64.978	ng		92
33) 4-Chloroaniline	10.740	127	1016351	41.616	ng		95
34) Hexachlorobutadiene	10.934	225	511254	38.130	ng		99
35) Caprolactam	11.522	113	338251	48.925	ng		89
36) 4-Chloro-3-methylphenol	11.863	107	1038019	45.052	ng		96
37) 2-Methylnaphthalene	12.251	142	1773611	39.970	ng		100
38) 1-Methylnaphthalene	12.475	142	1750319	39.995	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	963399	38.094	ng		99
41) Hexachlorocyclopentadiene	12.610	237	299697	37.390	ng		98
43) 2,4,6-Trichlorophenol	12.869	196	651032	46.343	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021592.D
 Acq On : 21 Aug 2024 10:10
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 10:57:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	738109	47.290	ng	97
46) 1,1'-Biphenyl	13.269	154	2347656	38.444	ng	98
47) 2-Chloronaphthalene	13.310	162	1841602	38.735	ng	99
48) 2-Nitroaniline	13.510	65	622860	46.878	ng	88
49) Acenaphthylene	14.175	152	2777456	39.740	ng	100
50) Dimethylphthalate	13.904	163	2383762	41.239	ng	99
51) 2,6-Dinitrotoluene	14.010	165	547117	47.006	ng	89
52) Acenaphthene	14.522	154	1913215m	41.720	ng	
53) 3-Nitroaniline	14.339	138	572615	49.787	ng #	90
54) 2,4-Dinitrophenol	14.557	184	257171	68.565	ng	91
55) Dibenzofuran	14.863	168	2852179	40.431	ng	99
56) 4-Nitrophenol	14.657	139	530034	56.857	ng #	86
57) 2,4-Dinitrotoluene	14.816	165	786066	52.475	ng #	83
58) Fluorene	15.522	166	2311380	39.883	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	652137	49.225	ng	98
60) Diethylphthalate	15.292	149	2468390	41.619	ng	100
61) 4-Chlorophenyl-phenyle...	15.516	204	1162069	38.791	ng	99
62) 4-Nitroaniline	15.528	138	624880	52.720	ng	92
63) Azobenzene	15.816	77	2628337	36.052	ng	96
65) 4,6-Dinitro-2-methylph...	15.604	198	385486	59.143	ng	97
66) n-Nitrosodiphenylamine	15.728	169	2028600	37.876	ng	99
67) 4-Bromophenyl-phenylether	16.428	248	782107	36.976	ng	96
68) Hexachlorobenzene	16.551	284	940976	37.644	ng	96
69) Atrazine	16.704	200	586984	31.922	ng	100
70) Pentachlorophenol	16.904	266	678081	49.701	ng	99
71) Phenanthrene	17.304	178	3812612	39.667	ng	100
72) Anthracene	17.398	178	3753460	39.819	ng	100
73) Carbazole	17.680	167	3802182	41.855	ng	100
74) Di-n-butylphthalate	18.286	149	4626416	41.468	ng	99
75) Fluoranthene	19.392	202	5065836	42.956	ng	100
77) Benzidine	19.580	184	2179850	44.381	ng	100
78) Pyrene	19.769	202	5480284	39.410	ng	100
80) Butylbenzylphthalate	20.716	149	2291308	43.759	ng	97
81) Benzo(a)anthracene	21.715	228	5344489	40.017	ng	99
82) 3,3'-Dichlorobenzidine	21.621	252	1980659	46.254	ng	98
83) Chrysene	21.780	228	5057713	40.110	ng	100
84) Bis(2-ethylhexyl)phtha...	21.663	149	3523936	44.643	ng	100
85) Di-n-octyl phthalate	22.974	149	6254114	45.395	ng	97
87) Indeno(1,2,3-cd)pyrene	29.092	276	6515210m	39.744	ng	
88) Benzo(b)fluoranthene	24.080	252	5840763	40.214	ng	100
89) Benzo(k)fluoranthene	24.157	252	5450839	38.472	ng	99
90) Benzo(a)pyrene	25.021	252	5054251	40.100	ng	99
91) Dibenzo(a,h)anthracene	29.180	278	5406445	39.693	ng	99
92) Benzo(g,h,i)perylene	30.327	276	5458301	39.982	ng	99

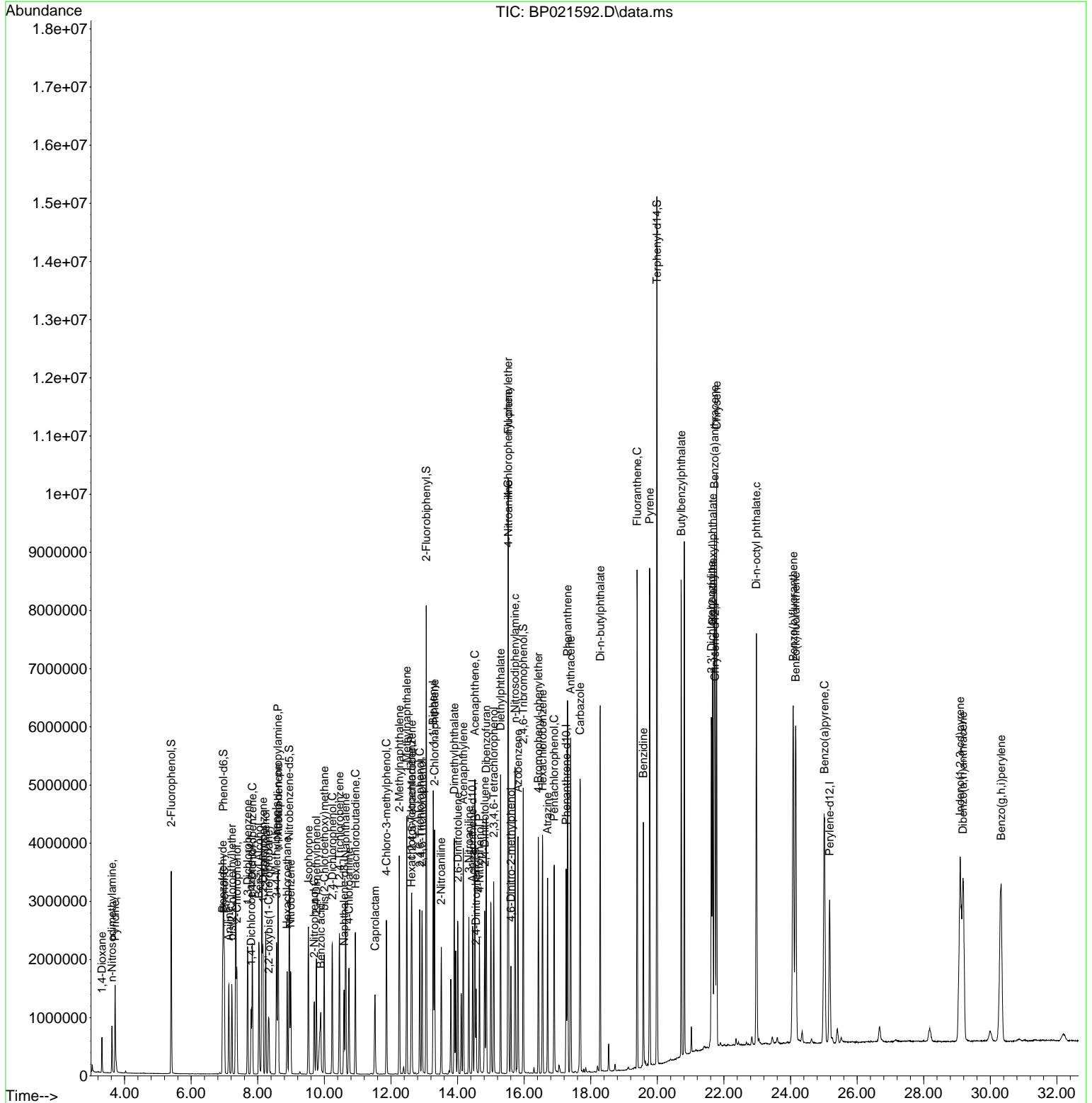
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : BP021592.D
 Acq On : 21 Aug 2024 10:10
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

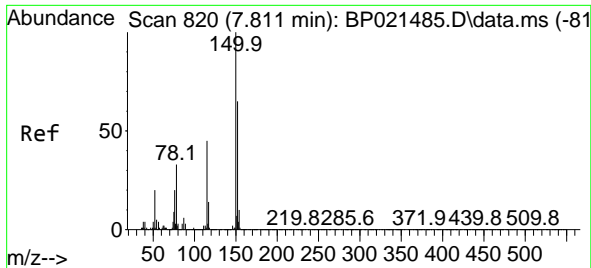
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 21 10:57:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

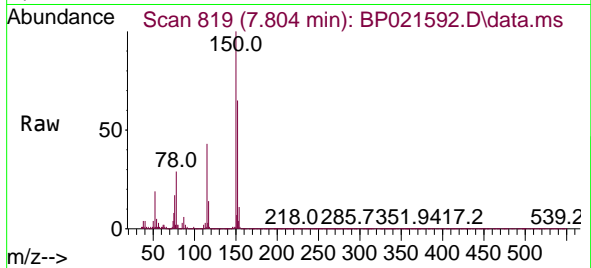


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- 17



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

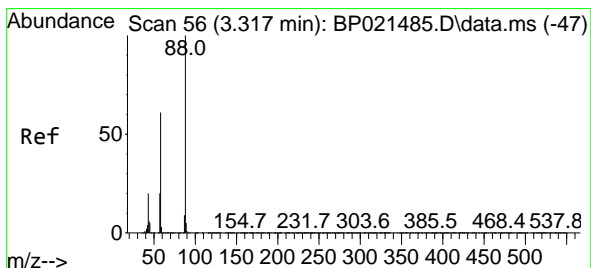
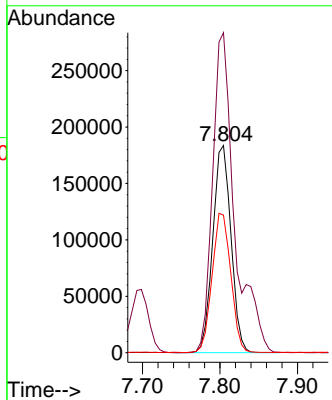
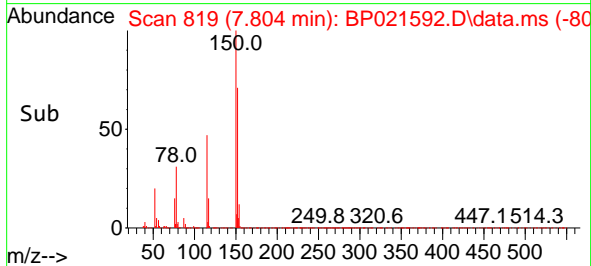
Instrument :
 BNA_P
 ClientSampleId :
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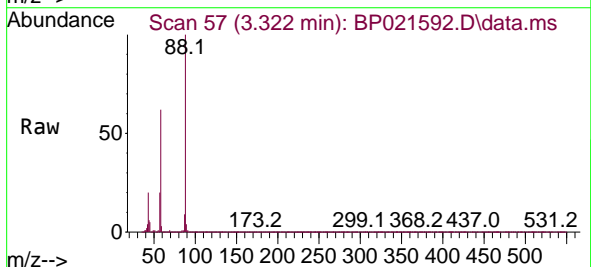
Tgt Ion:152 Resp: 299938
 Ion Ratio Lower Upper
 152 100
 150 154.5 122.4 183.6
 115 66.4 54.7 82.1

Manual Integrations
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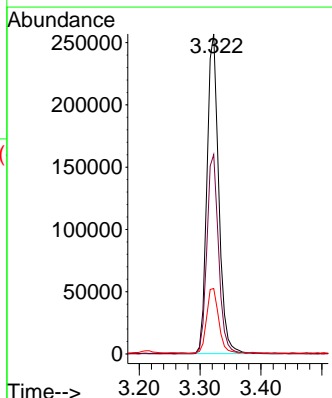
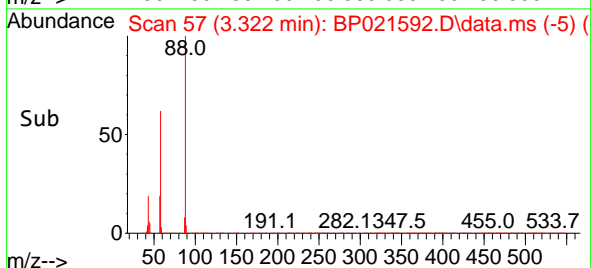
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

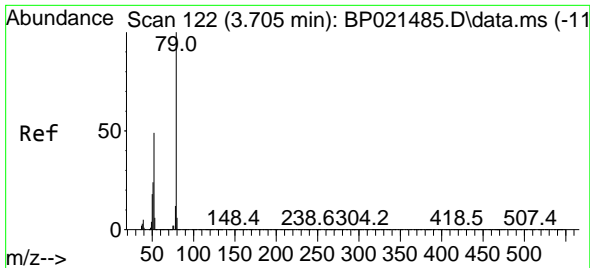


#2
 1,4-Dioxane
 Concen: 35.937 ng
 RT: 3.322 min Scan# 57
 Delta R.T. 0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



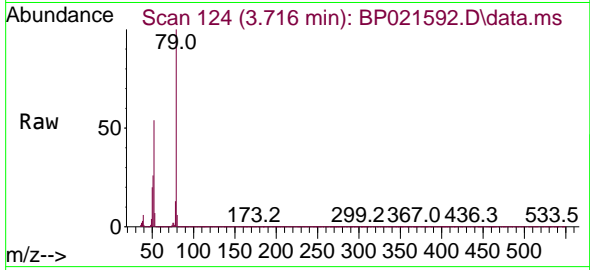
Tgt Ion: 88 Resp: 344196
 Ion Ratio Lower Upper
 88 100
 58 62.3 48.7 73.1
 43 20.9 15.4 23.2





#3
 Pyridine
 Concen: 36.141 ng
 RT: 3.716 min Scan# 110
 Delta R.T. 0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

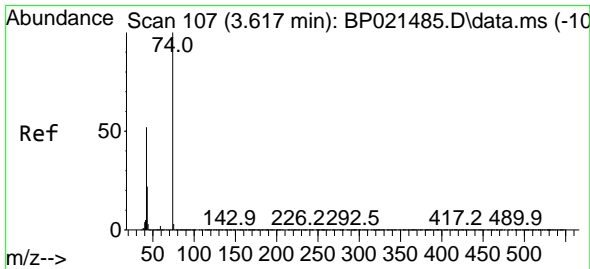
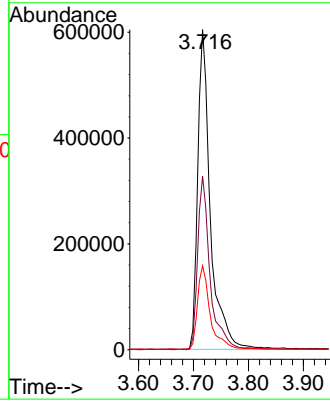
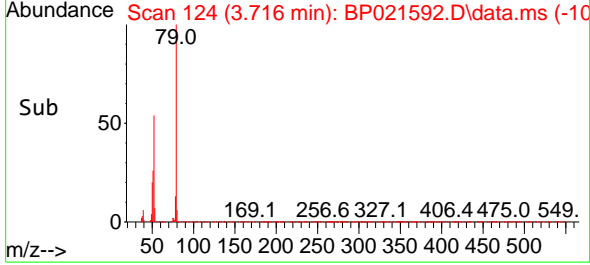
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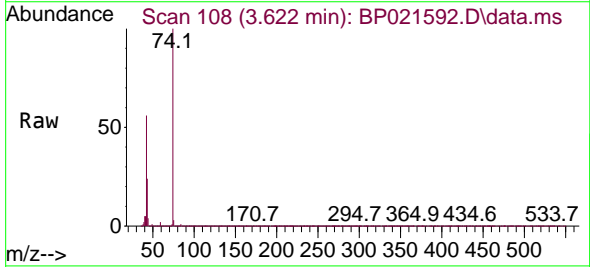
Tgt Ion: 79 Resp: 96634
 Ion Ratio Lower Upper
 79 100
 52 54.2 39.0 58.6
 51 26.2 19.2 28.8

Manual Integrations
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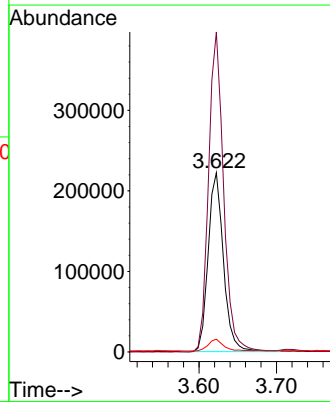
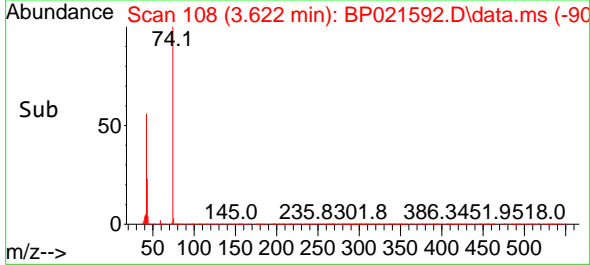
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

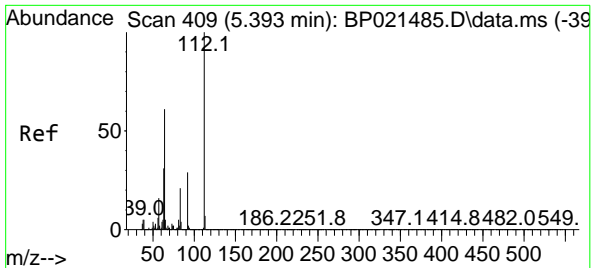


#4
 n-Nitrosodimethylamine
 Concen: 37.833 ng
 RT: 3.622 min Scan# 108
 Delta R.T. 0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



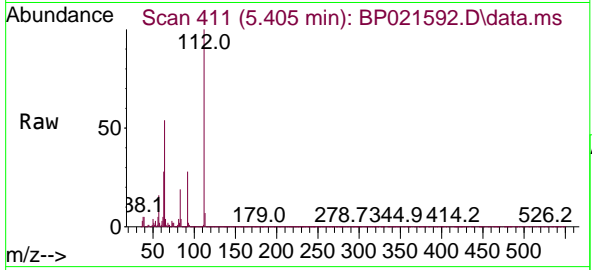
Tgt Ion: 42 Resp: 304047
 Ion Ratio Lower Upper
 42 100
 74 178.6 154.3 231.5
 44 7.1 6.2 9.4





#5
 2-Fluorophenol
 Concen: 82.321 ng
 RT: 5.405 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

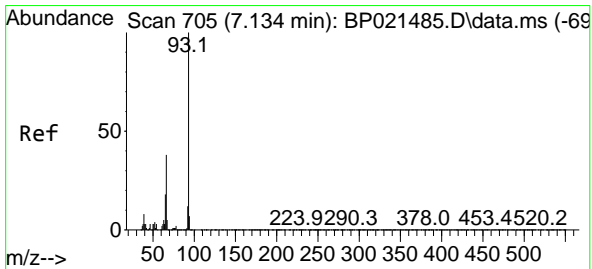
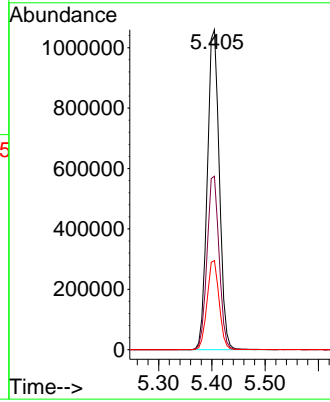
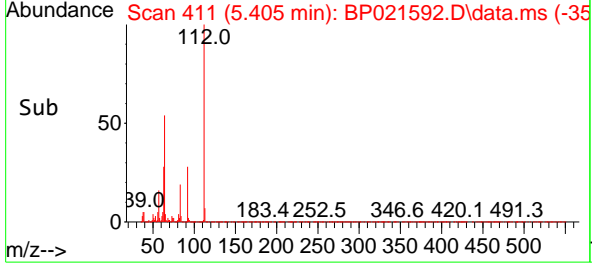
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



Tgt Ion: 112 Resp: 1662870
 Ion Ratio Lower Upper
 112 100
 64 54.2 49.0 73.6
 63 27.8 24.6 36.8

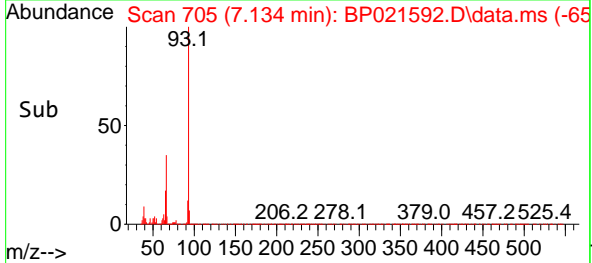
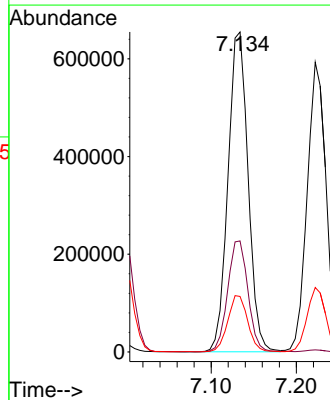
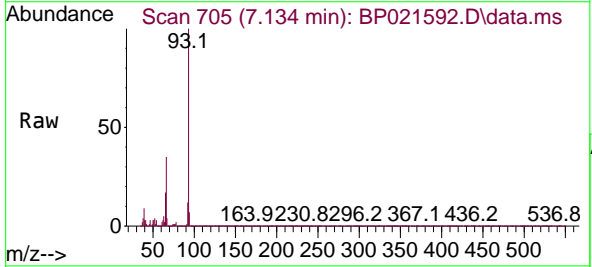
Manual Integrations
APPROVED

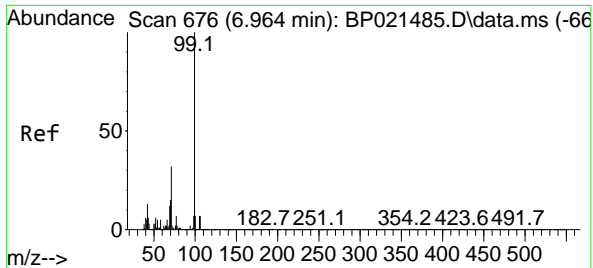
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024



#6
 Aniline
 Concen: 36.394 ng
 RT: 7.134 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

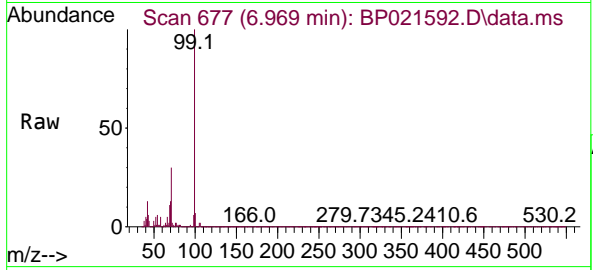
Tgt Ion: 93 Resp: 1072114
 Ion Ratio Lower Upper
 93 100
 66 34.7 30.2 45.2
 65 17.4 14.7 22.1





#7
Phenol-d6
Concen: 80.509 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021592.D
Acq: 21 Aug 2024 10:10

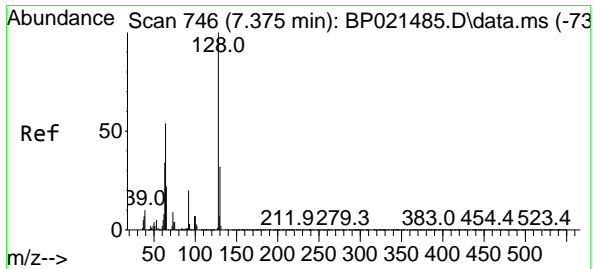
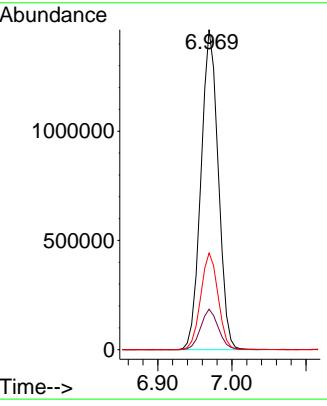
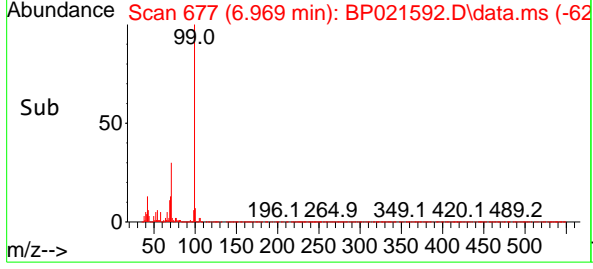
Instrument :
BNA_P
Client Sample Id :
SSTDCCC040



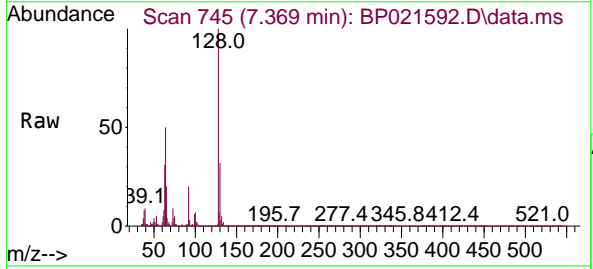
Tgt Ion: 99 Resp: 2372349

Ion	Ratio	Lower	Upper
99	100		
42	12.7	10.2	15.4
71	30.2	25.8	38.8

Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

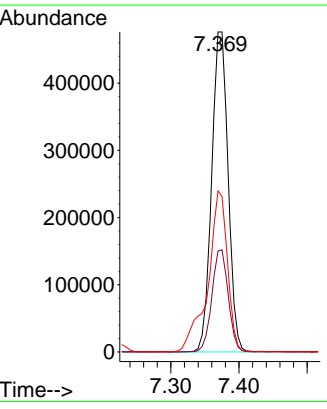
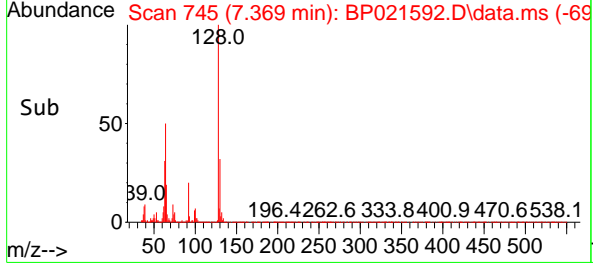


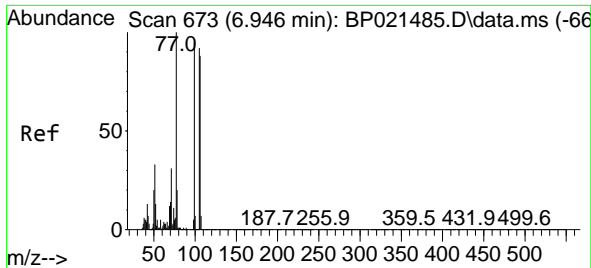
#8
2-Chlorophenol
Concen: 42.802 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP021592.D
Acq: 21 Aug 2024 10:10



Tgt Ion:128 Resp: 798991

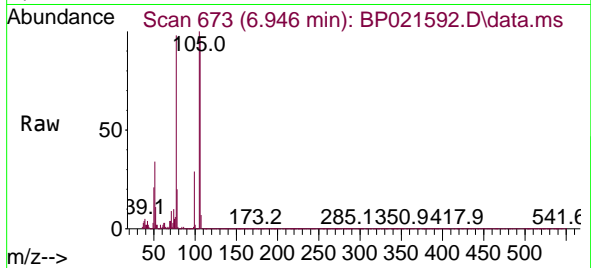
Ion	Ratio	Lower	Upper
128	100		
130	31.6	11.6	51.6
64	50.3	35.3	75.3





#9
Benzaldehyde
Concen: 34.700 ng m
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021592.D
Acq: 21 Aug 2024 10:10

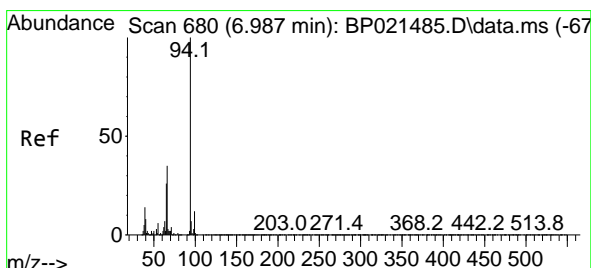
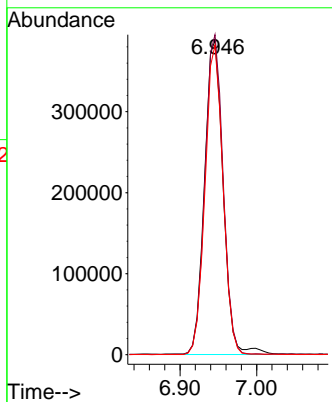
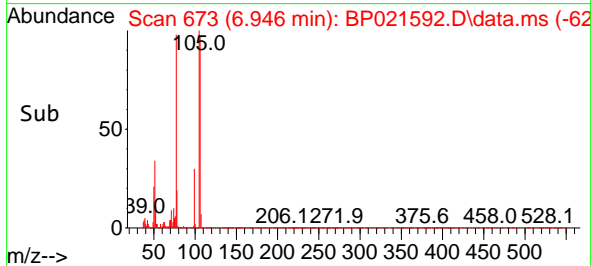
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



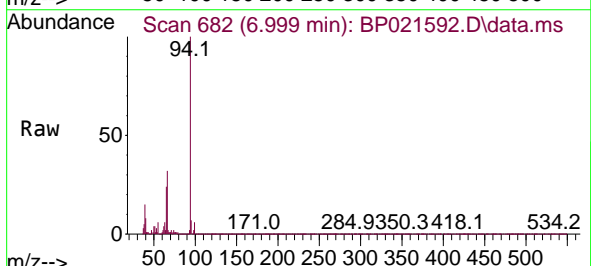
Tgt Ion: 77 Resp: 65468
Ion Ratio Lower Upper
77 100
105 101.7 72.1 112.1
106 98.4 67.9 107.9

Manual Integrations
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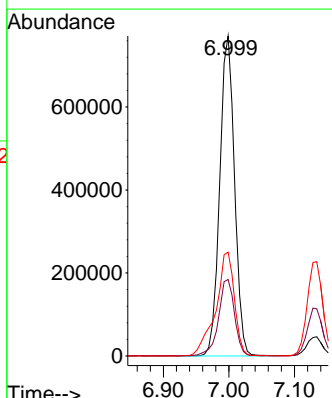
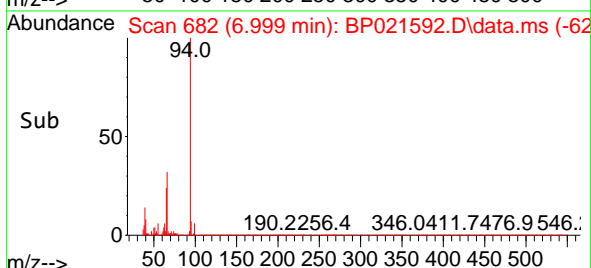
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

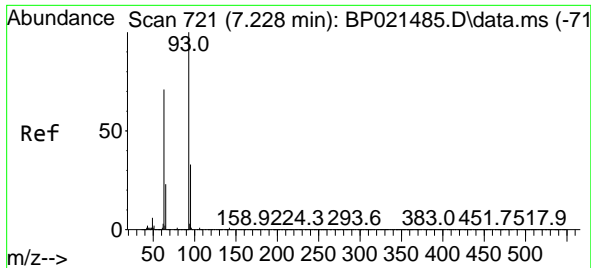


#10
Phenol
Concen: 39.444 ng
RT: 6.999 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP021592.D
Acq: 21 Aug 2024 10:10



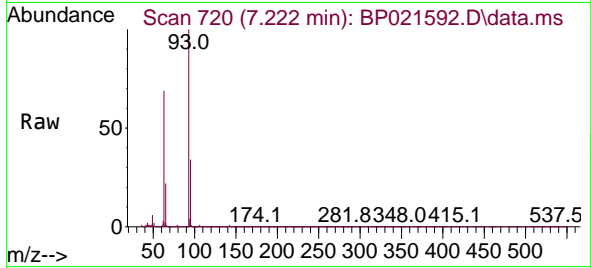
Tgt Ion: 94 Resp: 1203568
Ion Ratio Lower Upper
94 100
65 23.9 6.5 46.5
66 32.5 14.7 54.7





#11
 bis(2-Chloroethyl)ether
 Concen: 35.234 ng
 RT: 7.222 min Scan# 720
 Delta R.T. -0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

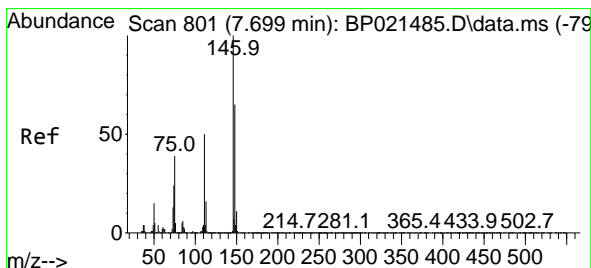
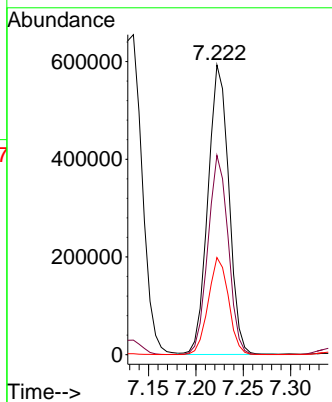
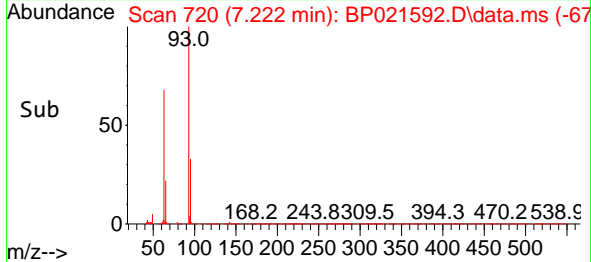
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 ClientSampleId :
 SSTDCCC040



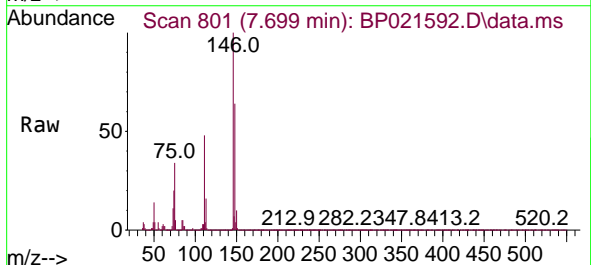
Tgt Ion: 93 Resp: 90973
 Ion Ratio Lower Upper
 93 100
 63 68.8 51.0 91.0
 95 33.5 12.9 52.9

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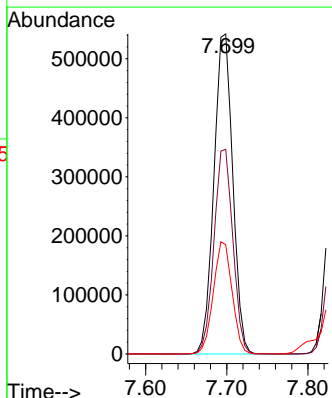
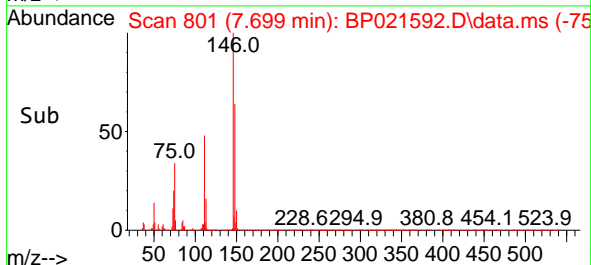
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

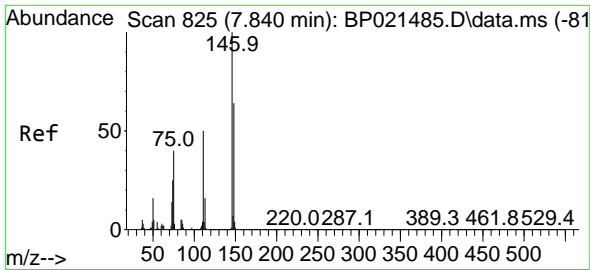


#12
 1,3-Dichlorobenzene
 Concen: 39.503 ng
 RT: 7.699 min Scan# 801
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



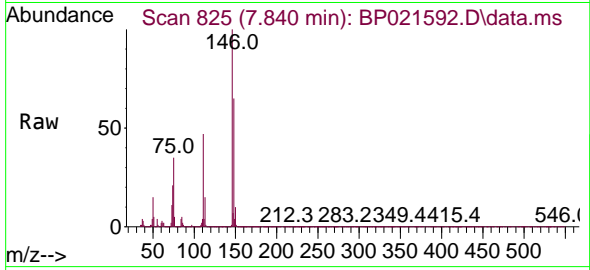
Tgt Ion:146 Resp: 875909
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 75 34.2 31.3 46.9





#13
 1,4-Dichlorobenzene
 Concen: 39.653 ng
 RT: 7.840 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

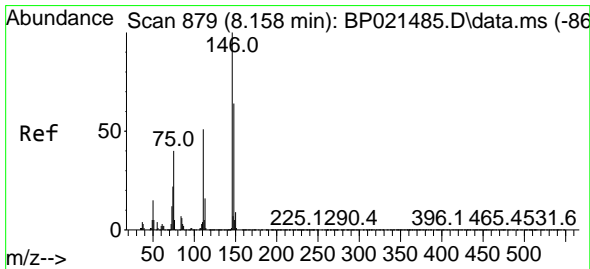
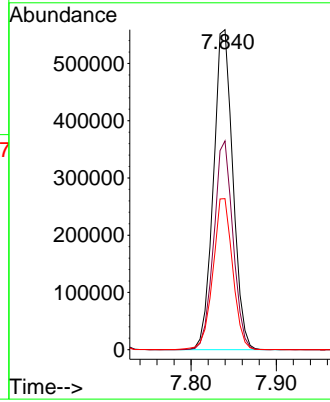
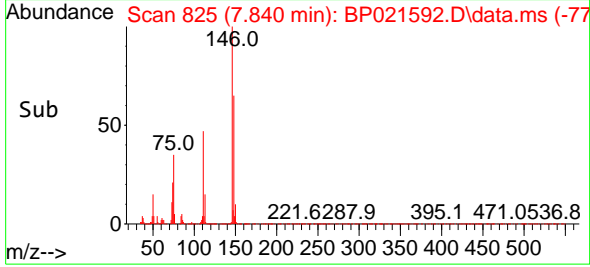
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



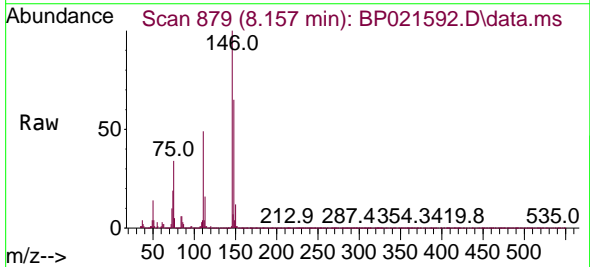
Tgt Ion:146 Resp: 88783
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.5 77.3
 111 47.2 40.3 60.5

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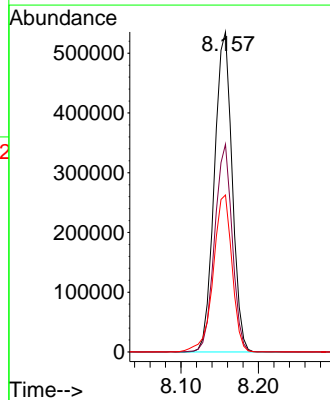
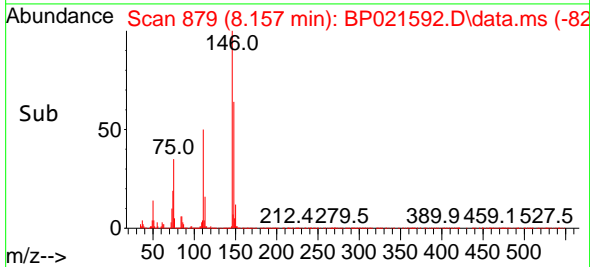
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

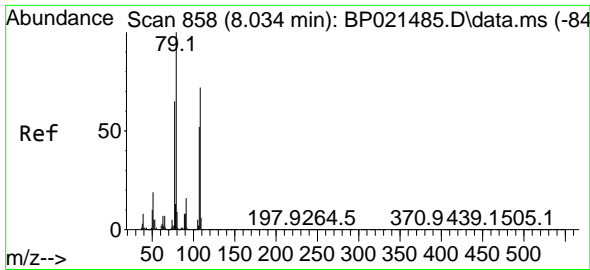


#14
 1,2-Dichlorobenzene
 Concen: 39.353 ng
 RT: 8.157 min Scan# 879
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



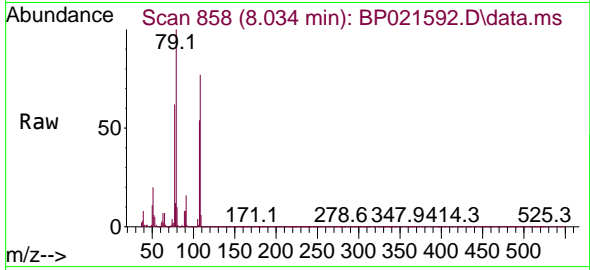
Tgt Ion:146 Resp: 849104
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.5 77.3
 111 49.1 41.1 61.7





#15
 Benzyl Alcohol
 Concen: 38.053 ng
 RT: 8.034 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

Instrument :
 BNA_P
 Client Sample Id :
 SSTDCCC040

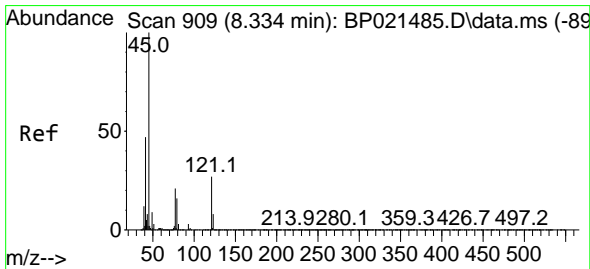
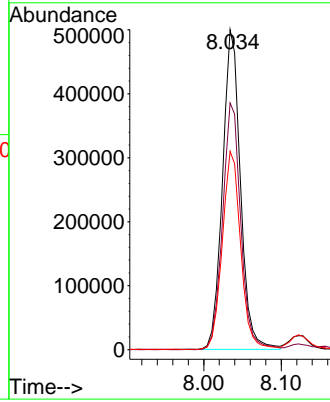
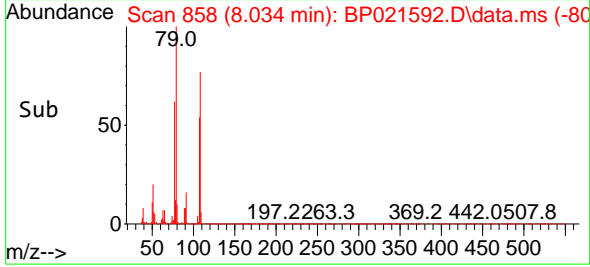


Tgt Ion: 79 Resp: 80454

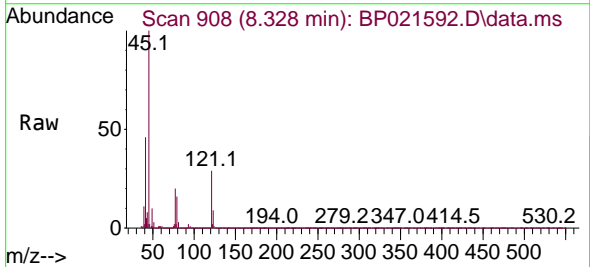
Ion	Ratio	Lower	Upper
79	100		
108	77.1	57.9	86.9
77	61.9	51.8	77.8

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 Supervised By :mohammad ahmed 08/22/2024

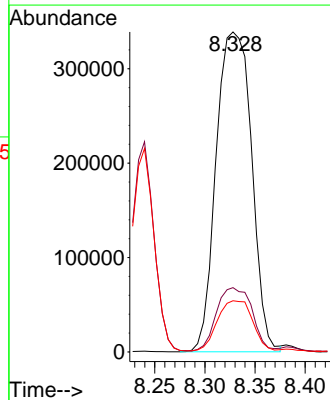
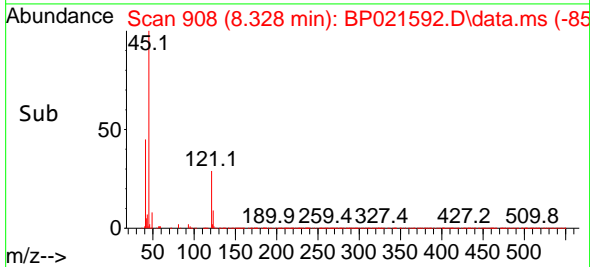


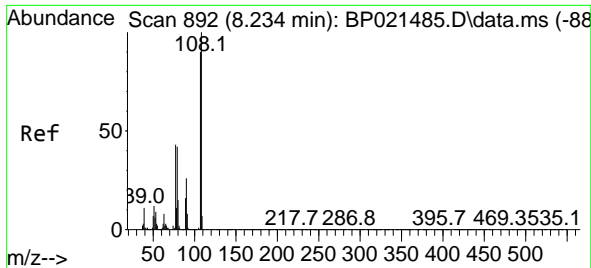
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 35.001 ng
 RT: 8.328 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



Tgt Ion: 45 Resp: 832233

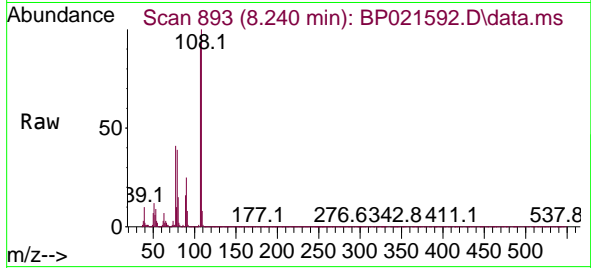
Ion	Ratio	Lower	Upper
45	100		
77	20.1	1.9	41.9
79	16.0	0.0	36.6





#17
 2-Methylphenol
 Concen: 40.583 ng
 RT: 8.240 min Scan# 892
 Delta R.T. 0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

Instrument : BNA_P
 ClientSampleId : SSTDCCC040

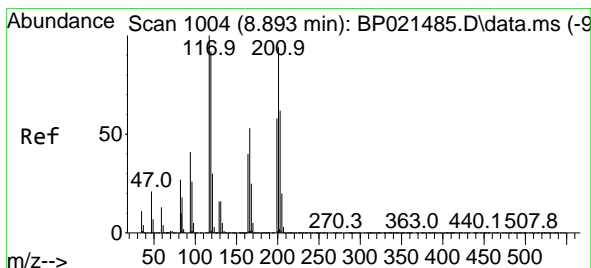
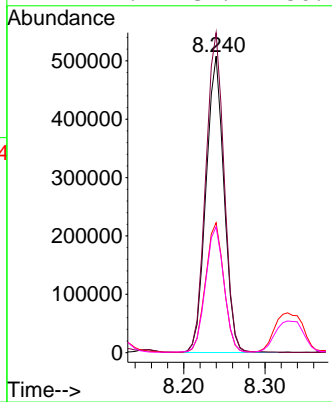
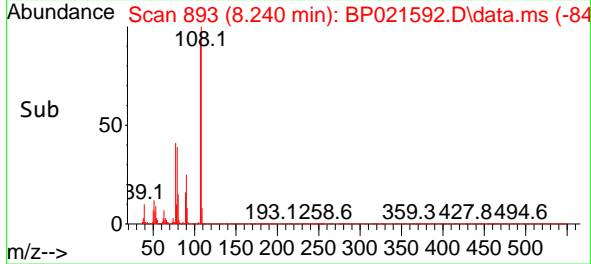


Tgt Ion: 107 Resp: 78285

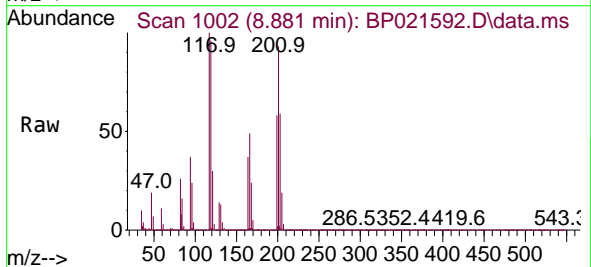
Ion	Ratio	Lower	Upper
107	100		
108	107.9	88.8	133.2
77	43.8	38.7	58.1
79	42.4	37.4	56.2

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 Supervised By :mohammad ahmed 08/22/2024

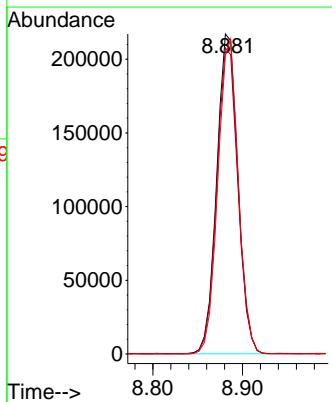
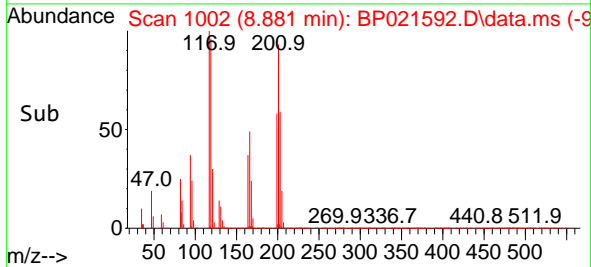


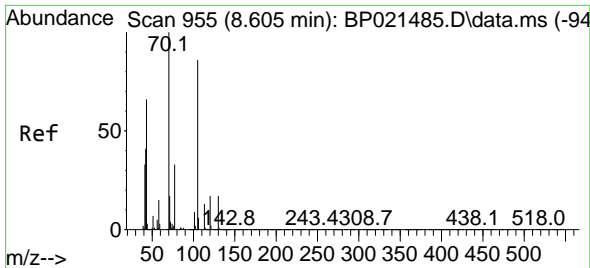
#18
 Hexachloroethane
 Concen: 39.727 ng
 RT: 8.881 min Scan# 1002
 Delta R.T. -0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



Tgt Ion: 117 Resp: 356687

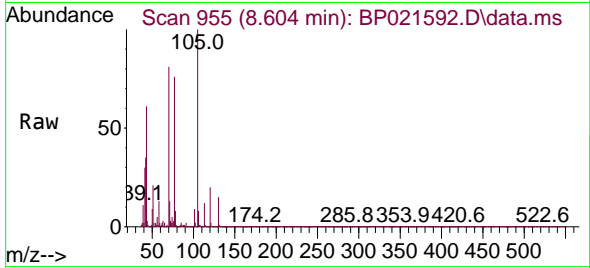
Ion	Ratio	Lower	Upper
117	100		
119	95.7	73.9	110.9
201	93.3	74.9	112.3





#19
 n-Nitroso-di-n-propylamine
 Concen: 33.388 ng
 RT: 8.604 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

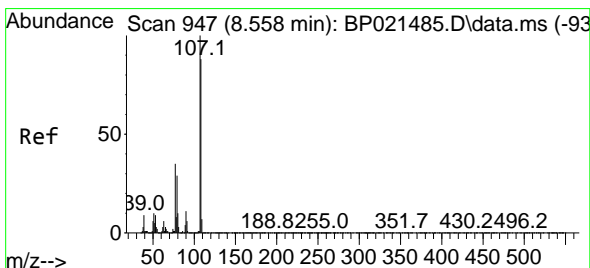
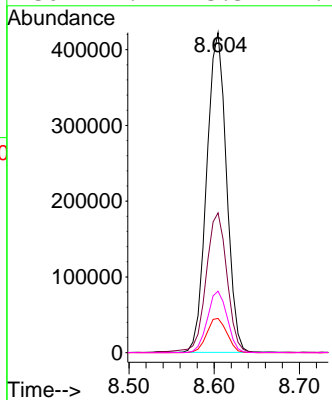
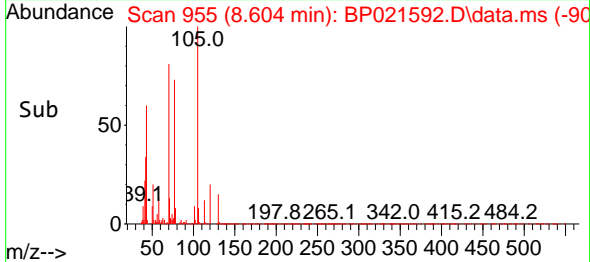
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



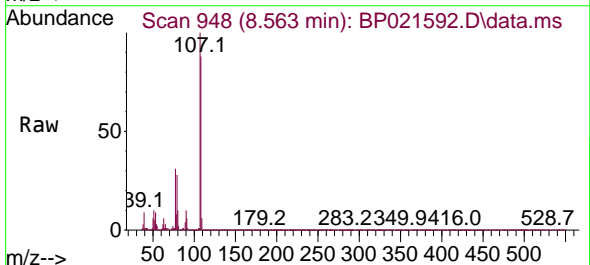
Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.7	33.1	49.7
101	10.7	7.4	11.2
130	19.2	13.3	19.9

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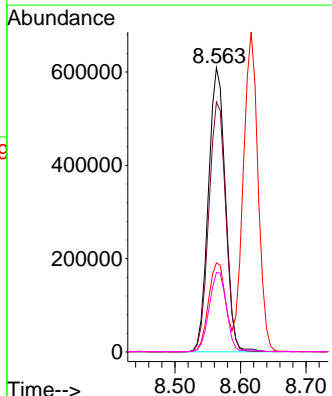
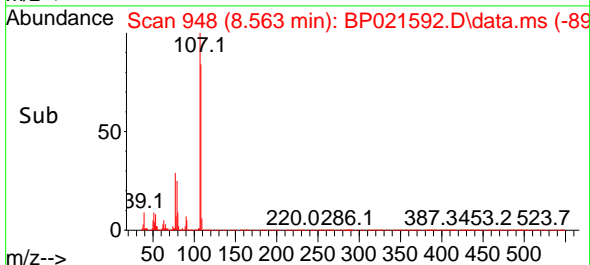
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

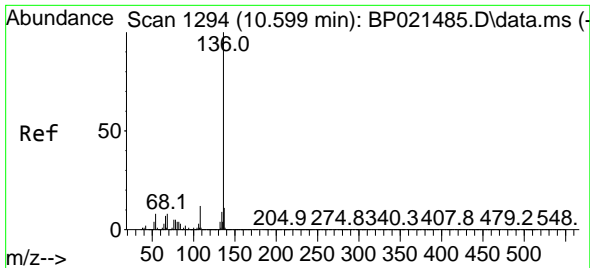


#20
 3+4-Methylphenols
 Concen: 42.089 ng
 RT: 8.563 min Scan# 948
 Delta R.T. 0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



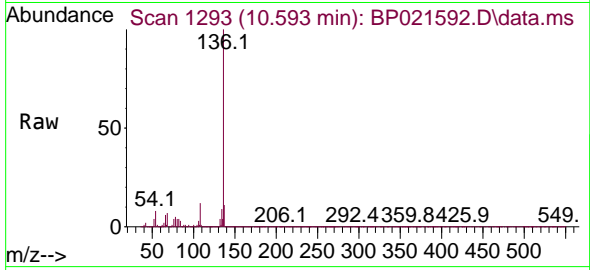
Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.6	107.6
77	31.3	15.0	55.0
79	28.0	8.9	48.9





#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.593 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

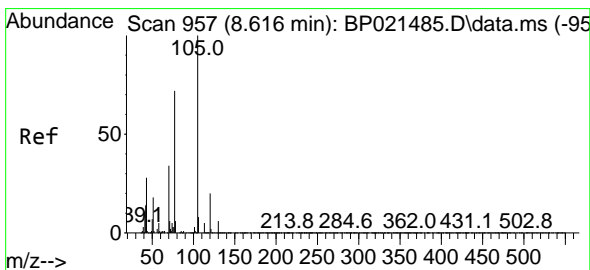
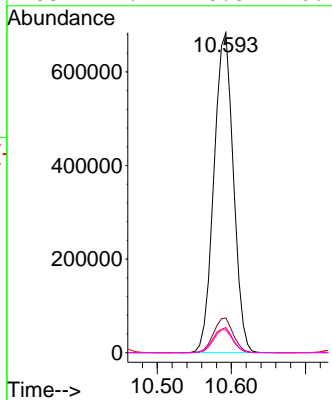
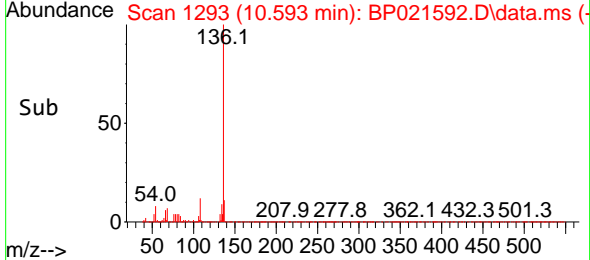


Tgt Ion:136 Resp: 124455

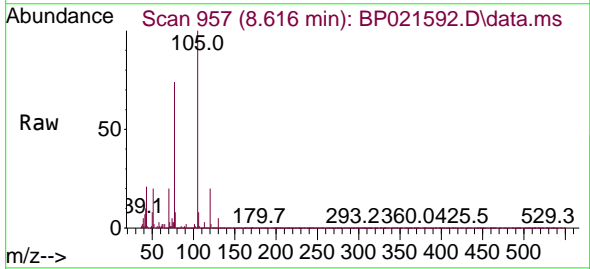
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.9	6.3	9.5
68	7.1	6.8	10.2

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 Supervised By :mohammad ahmed 08/22/2024

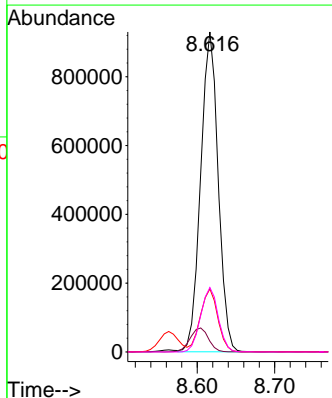
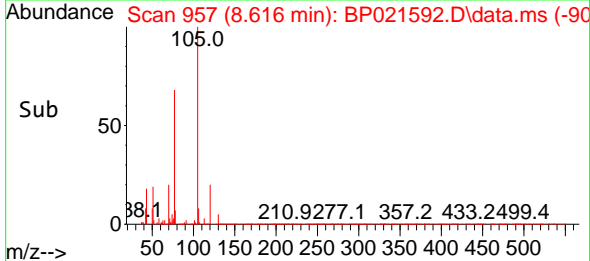


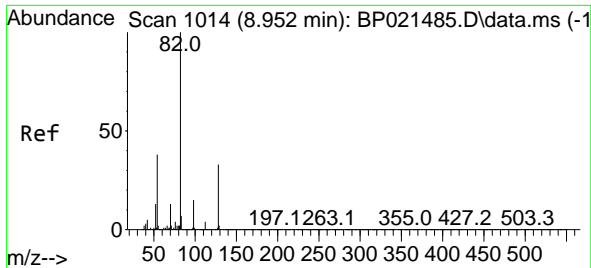
#22
 Acetophenone
 Concen: 38.102 ng
 RT: 8.616 min Scan# 957
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



Tgt Ion:105 Resp: 1456800

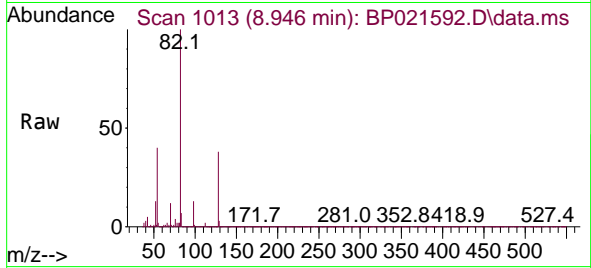
Ion	Ratio	Lower	Upper
105	100		
71	3.3	4.6	7.0#
51	19.7	16.3	24.5
120	20.1	16.2	24.2





#23
 Nitrobenzene-d5
 Concen: 87.029 ng
 RT: 8.946 min Scan# 1013
 Delta R.T. -0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

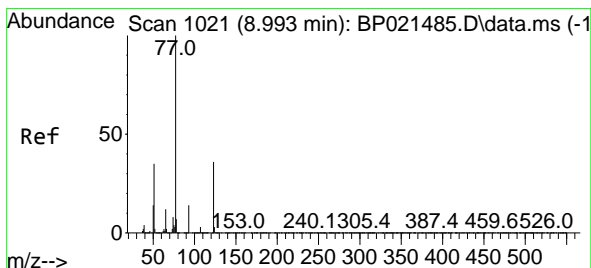
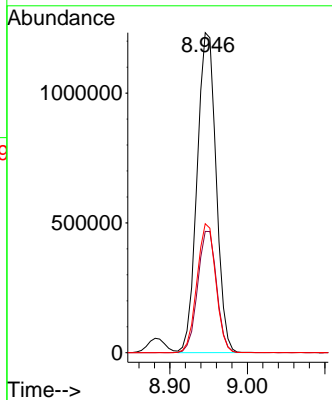
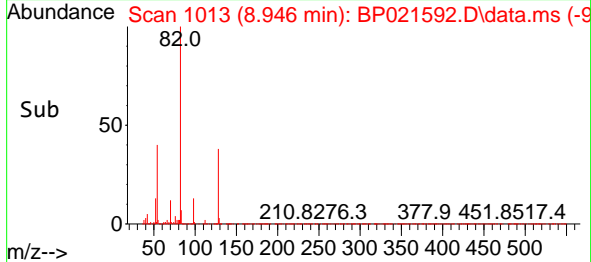
Instrument : BNA_P
 Client Sample Id : SSTDCCC040



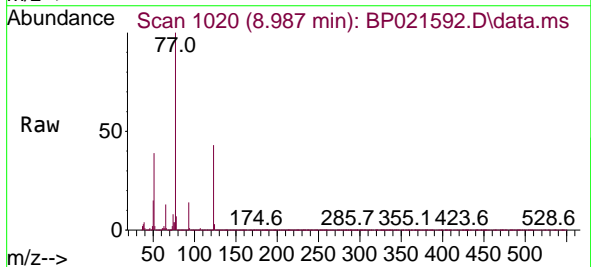
Tgt Ion: 82 Resp: 209845
 Ion Ratio Lower Upper
 82 100
 128 37.9 26.5 39.7
 54 40.3 30.3 45.5

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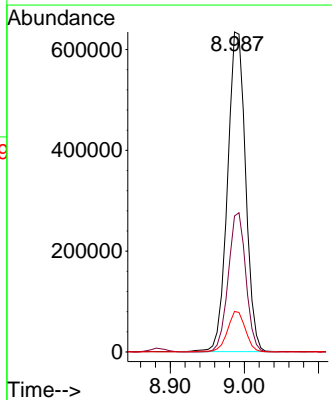
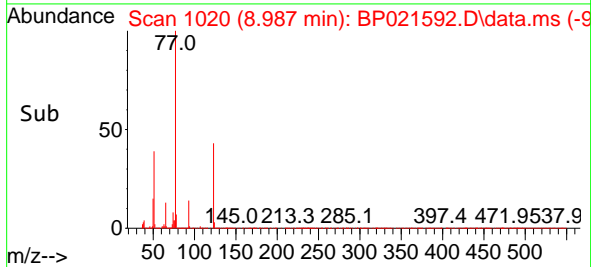
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

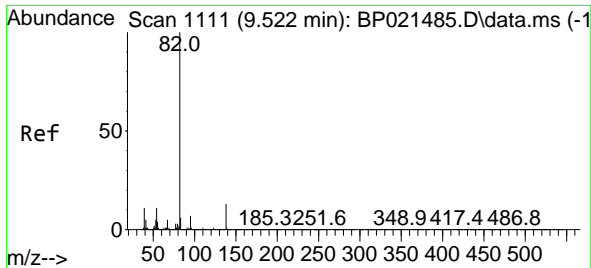


#24
 Nitrobenzene
 Concen: 40.964 ng
 RT: 8.987 min Scan# 1020
 Delta R.T. -0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



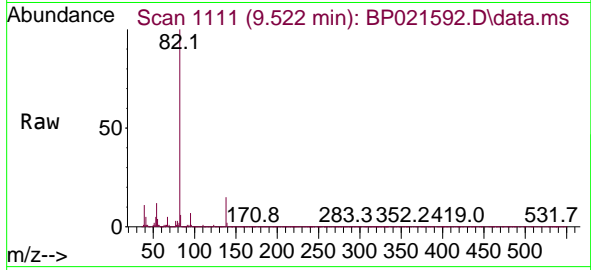
Tgt Ion: 77 Resp: 1072762
 Ion Ratio Lower Upper
 77 100
 123 42.5 29.5 44.3
 65 12.7 9.9 14.9





#25
 Isophorone
 Concen: 35.261 ng
 RT: 9.522 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

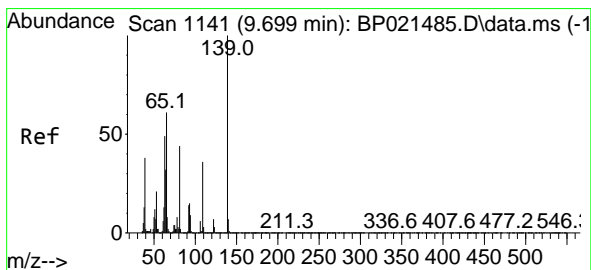
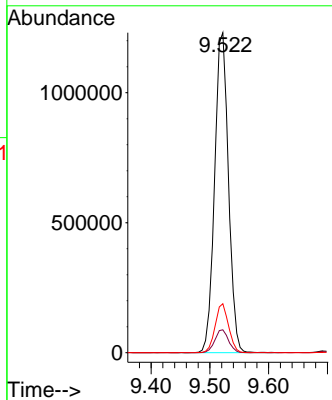
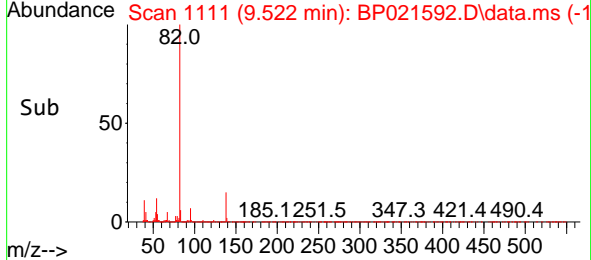
Instrument : BNA_P
 Client Sample Id : SSTDCCC040



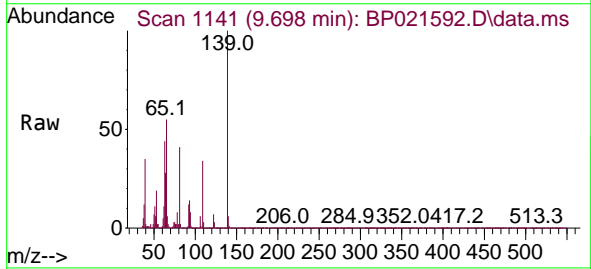
Tgt Ion: 82 Resp: 200860
 Ion Ratio Lower Upper
 82 100
 95 7.2 5.4 8.2
 138 15.3 10.6 16.0

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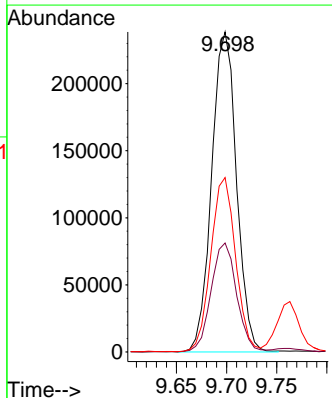
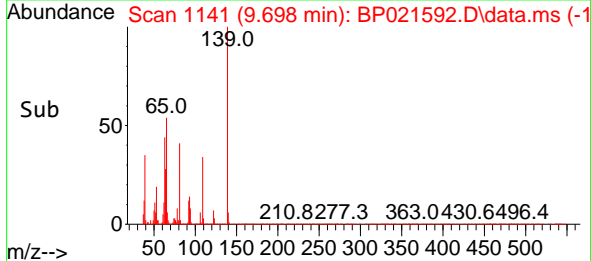
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

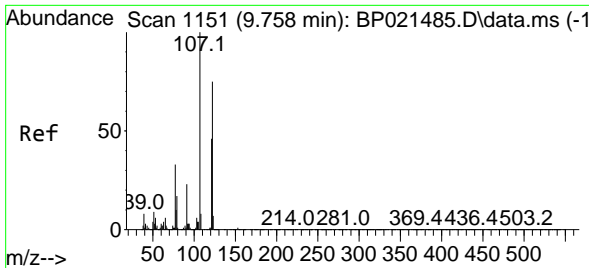


#26
 2-Nitrophenol
 Concen: 56.798 ng
 RT: 9.698 min Scan# 1141
 Delta R.T. -0.001 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



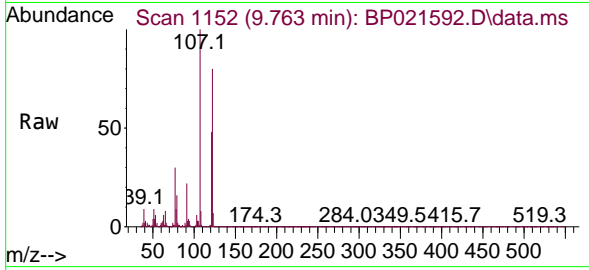
Tgt Ion:139 Resp: 409562
 Ion Ratio Lower Upper
 139 100
 109 34.1 28.9 43.3
 65 54.5 49.0 73.6





#27
 2,4-Dimethylphenol
 Concen: 40.790 ng
 RT: 9.763 min Scan# 1152
 Delta R.T. 0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

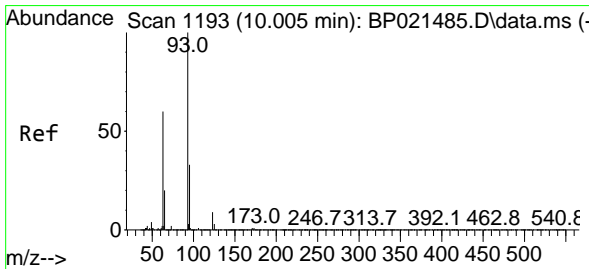
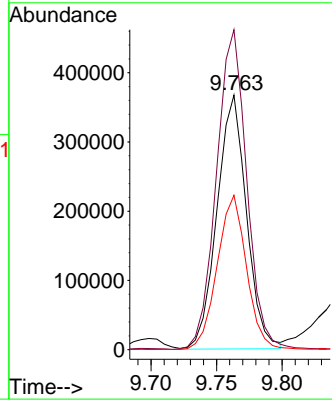
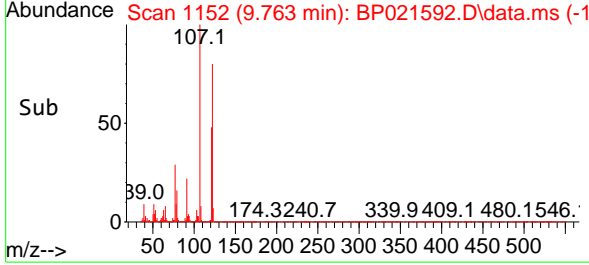
Instrument : BNA_P
 Client Sample Id : SSTDCCC040



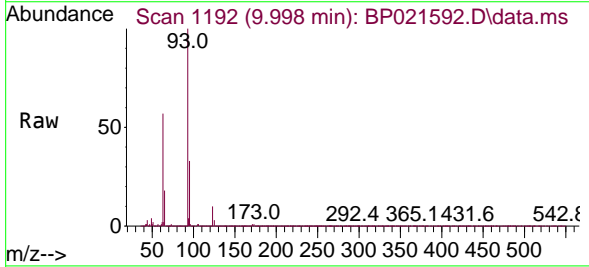
Tgt Ion: 122 Resp: 573420
 Ion Ratio Lower Upper
 122 100
 107 125.7 106.2 159.4
 121 60.7 48.8 73.2

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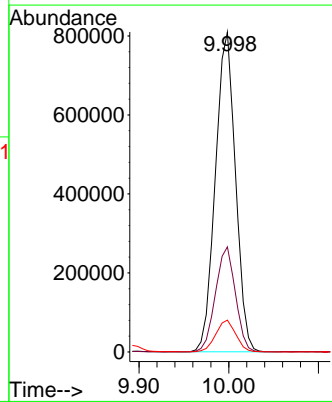
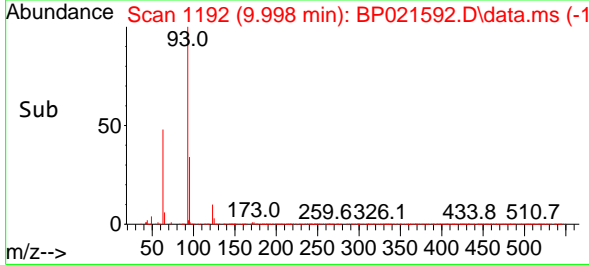
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

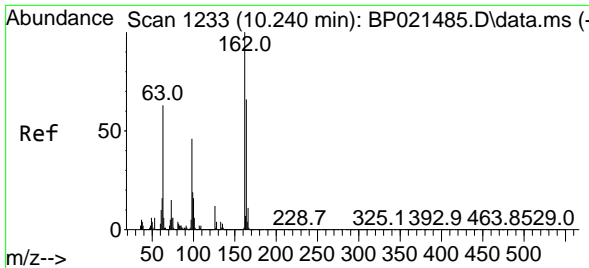


#28
 bis(2-Chloroethoxy)methane
 Concen: 36.190 ng
 RT: 9.998 min Scan# 1192
 Delta R.T. -0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



Tgt Ion: 93 Resp: 1258385
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.2 39.4
 123 10.0 7.6 11.4





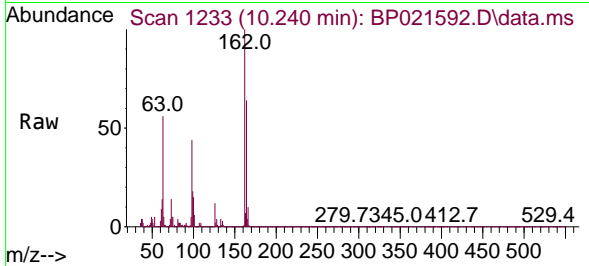
#29
 2,4-Dichlorophenol
 Concen: 45.336 ng
 RT: 10.240 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 753034

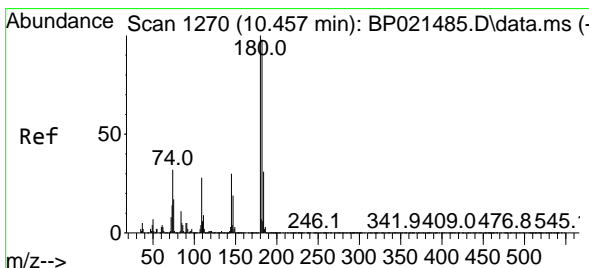
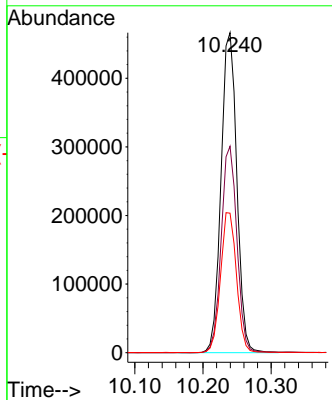
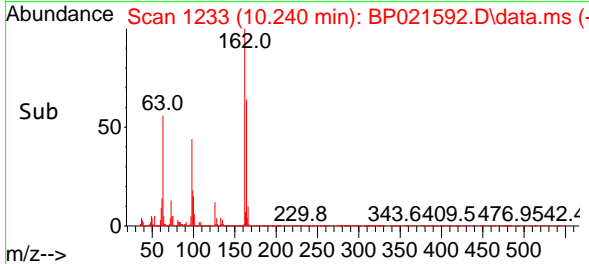
Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.9	85.9
98	43.6	26.3	66.3

Manual Integrations

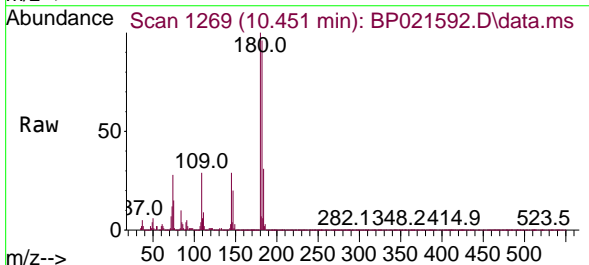
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Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024

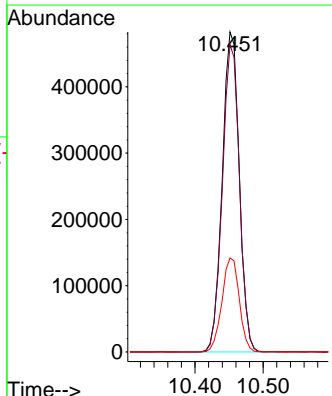
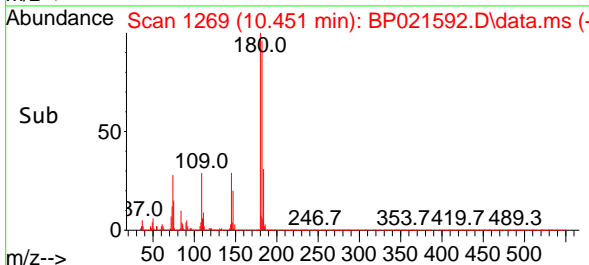


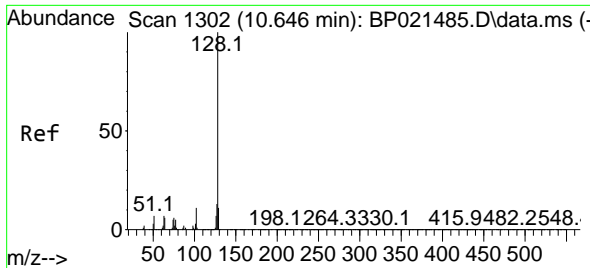
#30
 1,2,4-Trichlorobenzene
 Concen: 39.317 ng
 RT: 10.451 min Scan# 1269
 Delta R.T. -0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



Tgt Ion:180 Resp: 837253

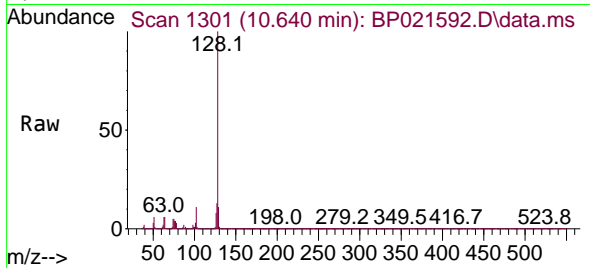
Ion	Ratio	Lower	Upper
180	100		
182	96.0	78.3	117.5
145	29.4	24.0	36.0





#31
 Naphthalene
 Concen: 39.970 ng
 RT: 10.640 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

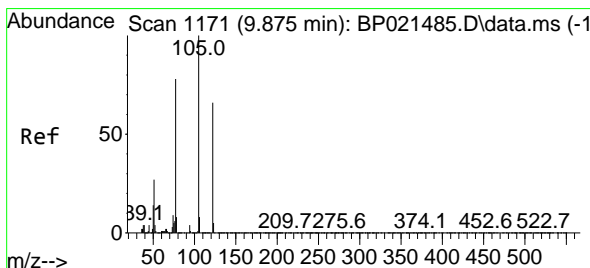
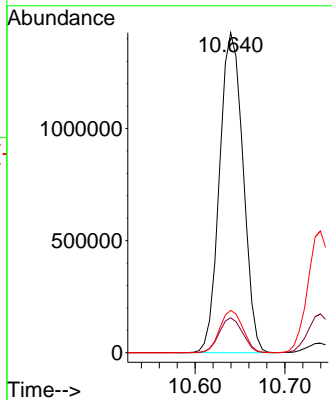
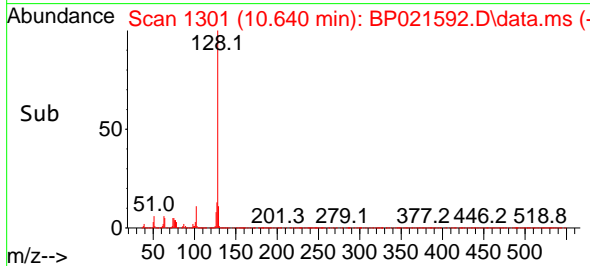
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



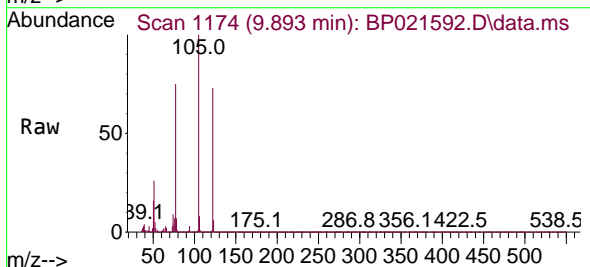
Tgt Ion:128 Resp: 259866
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.6 12.8
 127 13.2 10.6 15.8

Manual Integrations
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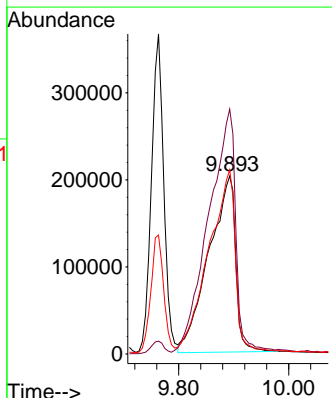
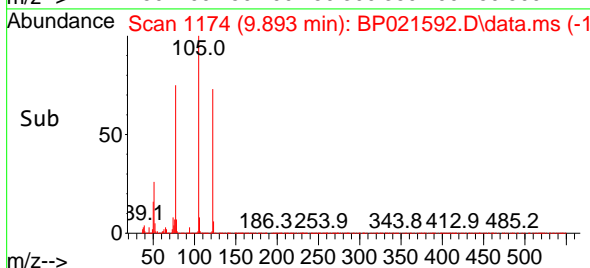
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

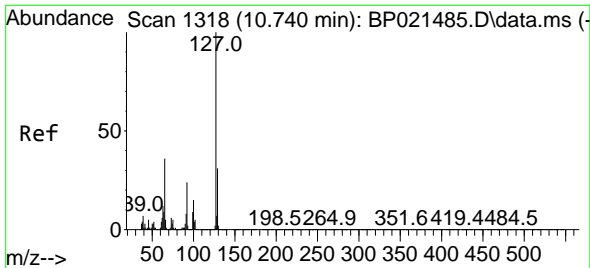


#32
 Benzoic acid
 Concen: 64.978 ng
 RT: 9.893 min Scan# 1174
 Delta R.T. 0.018 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



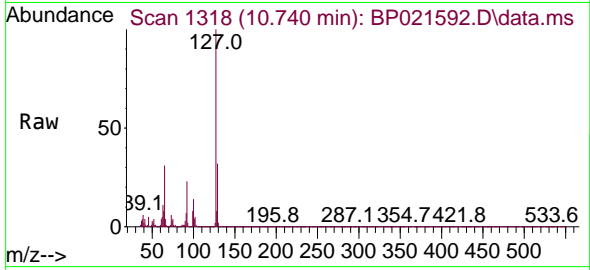
Tgt Ion:122 Resp: 685886
 Ion Ratio Lower Upper
 122 100
 105 137.6 124.6 164.6
 77 103.5 96.2 136.2





#33
 4-Chloroaniline
 Concen: 41.616 ng
 RT: 10.740 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

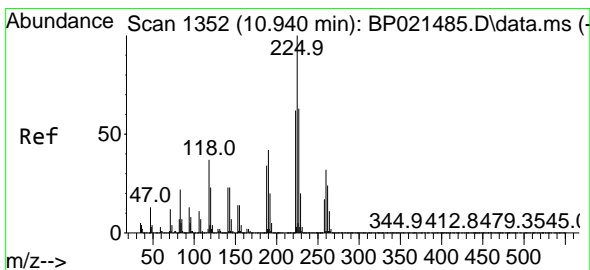
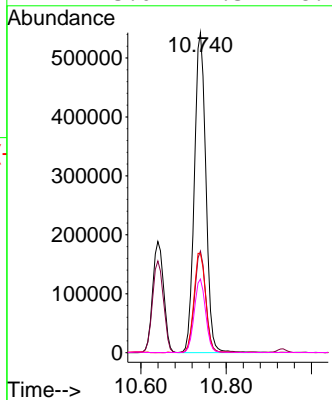
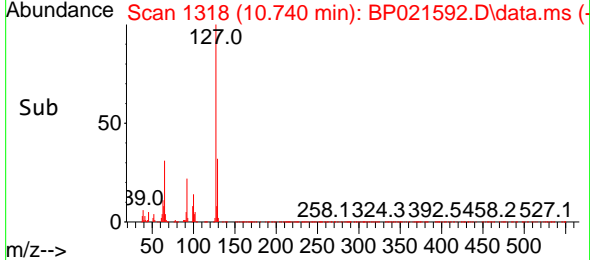


Tgt Ion:127 Resp: 101635

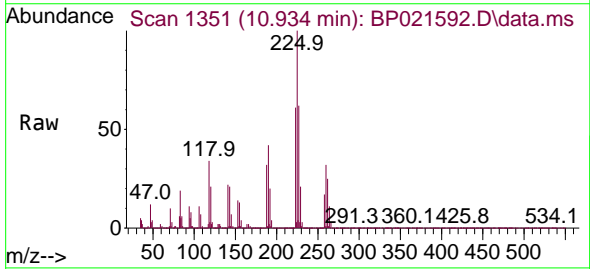
Ion	Ratio	Lower	Upper
127	100		
129	31.8	24.5	36.7
65	31.0	28.9	43.3
92	23.0	19.3	28.9

Manual Integrations
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Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

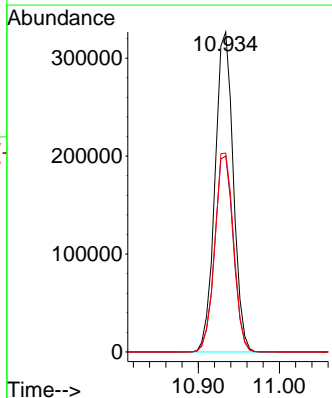
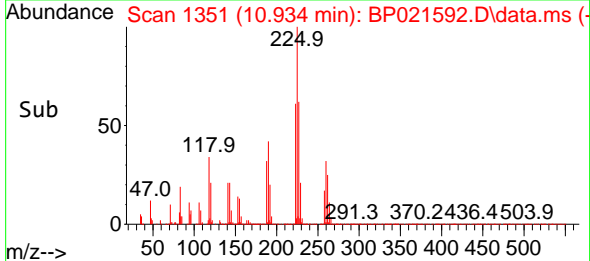


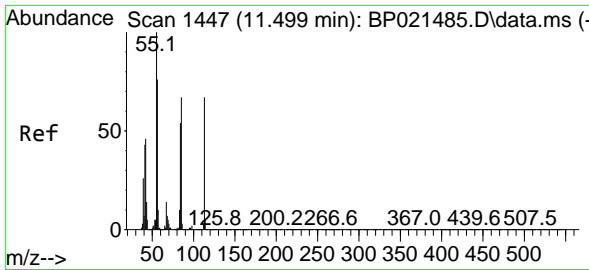
#34
 Hexachlorobutadiene
 Concen: 38.130 ng
 RT: 10.934 min Scan# 1351
 Delta R.T. -0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



Tgt Ion:225 Resp: 511254

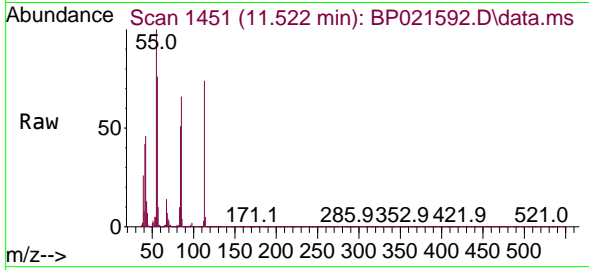
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.6	74.4
227	62.1	50.1	75.1





#35
 Caprolactam
 Concen: 48.925 ng
 RT: 11.522 min Scan# 1447
 Delta R.T. 0.023 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

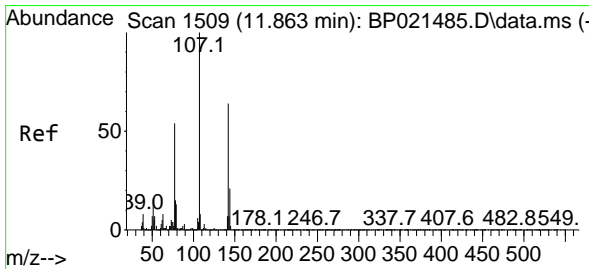
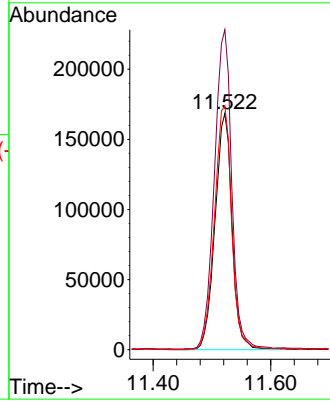
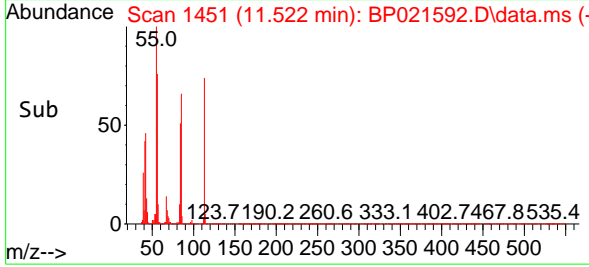
Instrument : BNA_P
 Client Sample Id : SSTDCCC040



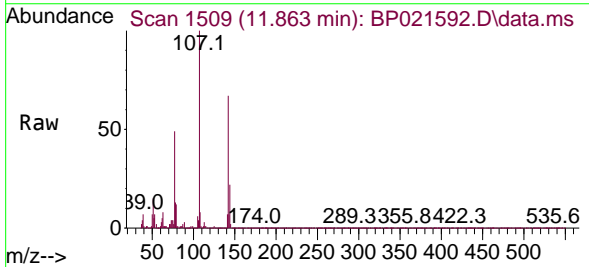
Tgt Ion: 113 Resp: 33825
 Ion Ratio Lower Upper
 113 100
 55 135.5 130.6 170.6
 56 103.3 94.6 134.6

Manual Integrations
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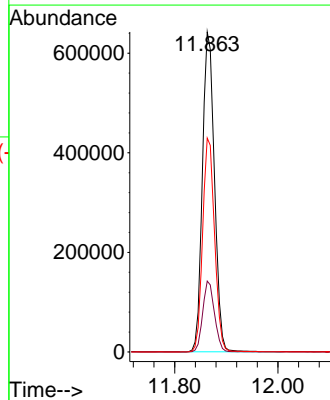
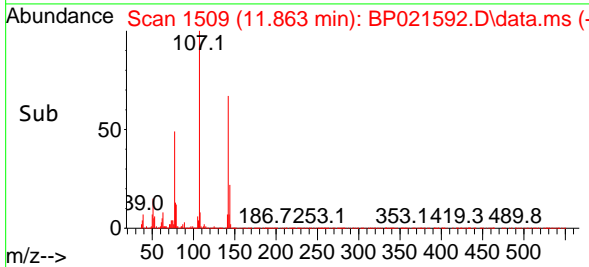
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

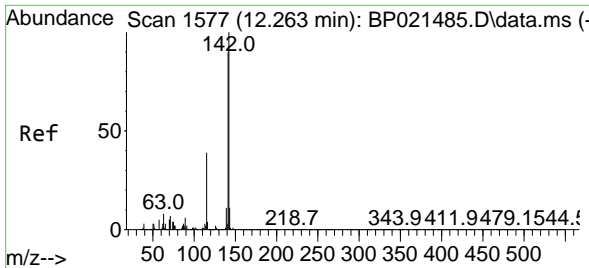


#36
 4-Chloro-3-methylphenol
 Concen: 45.052 ng
 RT: 11.863 min Scan# 1509
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



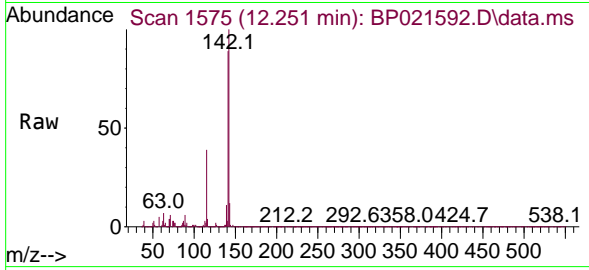
Tgt Ion: 107 Resp: 1038019
 Ion Ratio Lower Upper
 107 100
 144 22.2 16.6 24.8
 142 66.9 51.0 76.4





#37
 2-Methylnaphthalene
 Concen: 39.970 ng
 RT: 12.251 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

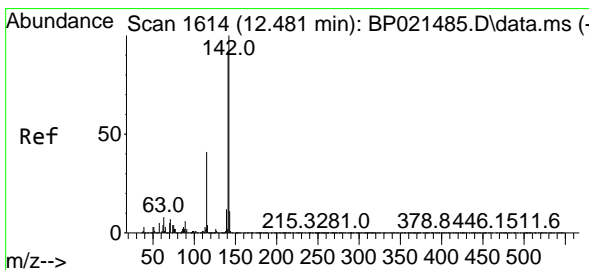
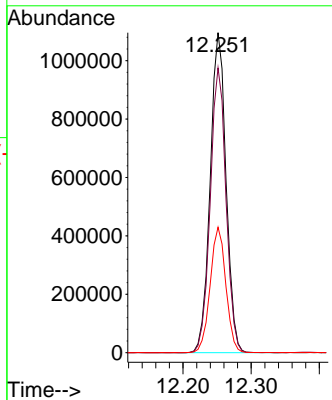
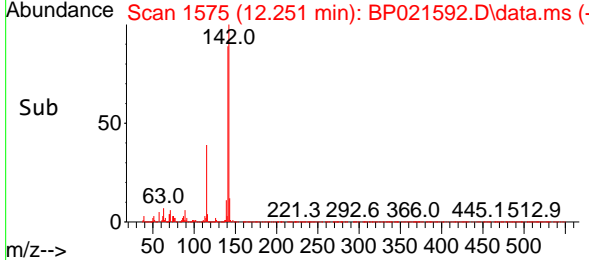
Instrument : BNA_P
 Client Sample Id : SSTDCCC040



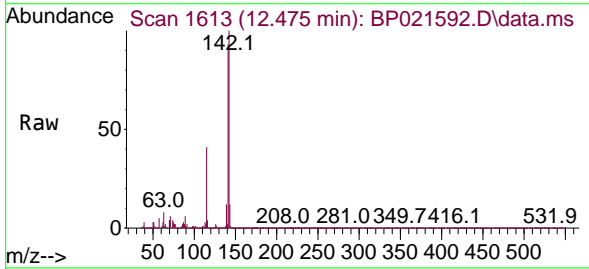
Tgt Ion:142 Resp: 177361
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.7 107.5
 115 39.2 31.4 47.2

Manual Integrations
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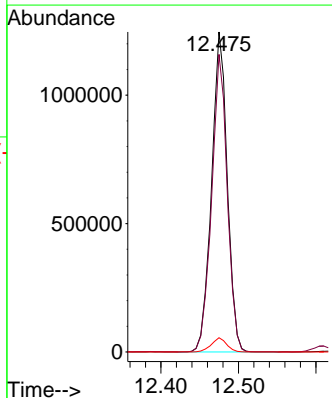
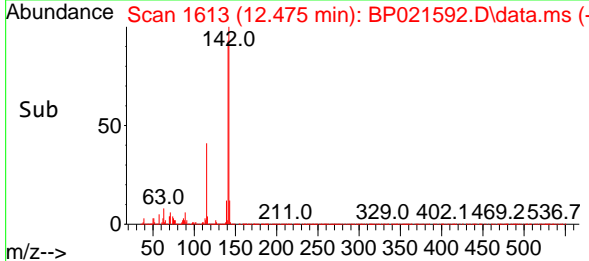
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

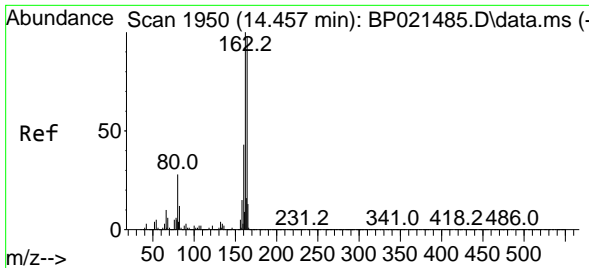


#38
 1-Methylnaphthalene
 Concen: 39.995 ng
 RT: 12.475 min Scan# 1613
 Delta R.T. -0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



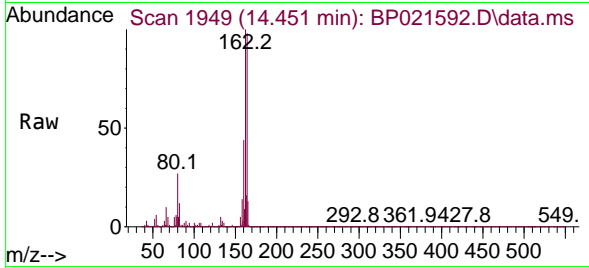
Tgt Ion:142 Resp: 1750319
 Ion Ratio Lower Upper
 142 100
 141 93.0 73.5 110.3
 116 4.5 3.4 5.2





#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.451 min Scan# 1950
 Delta R.T. -0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

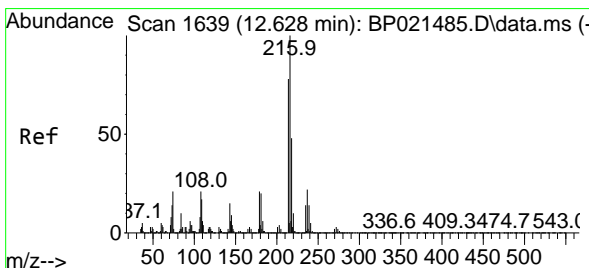
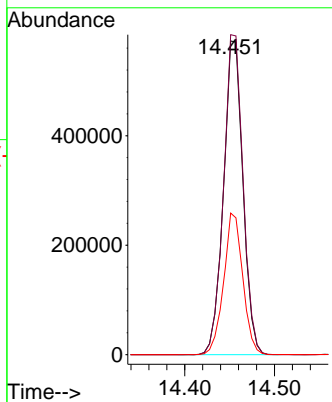
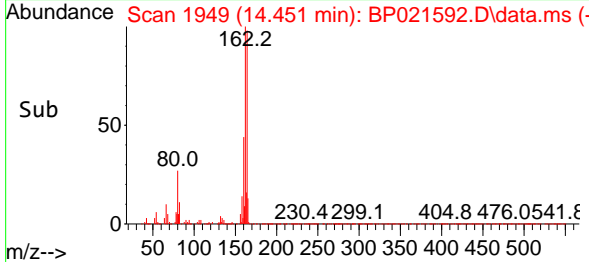
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



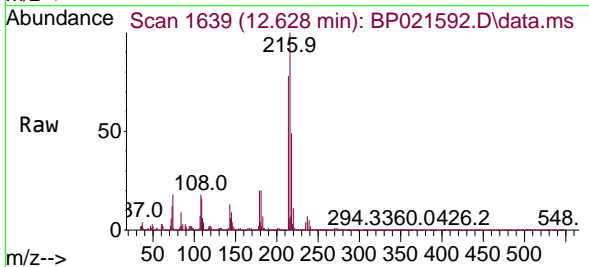
Tgt Ion:164 Resp: 86313
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.5 122.3
 160 45.1 35.2 52.8

Manual Integrations
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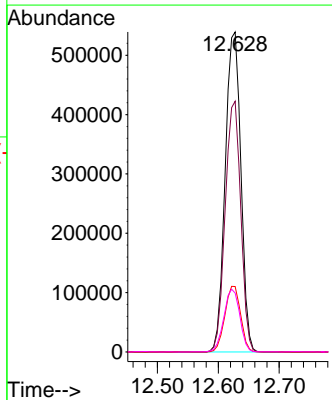
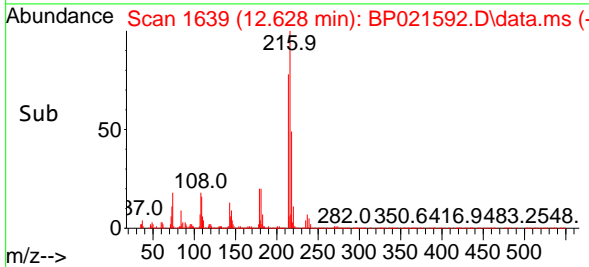
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

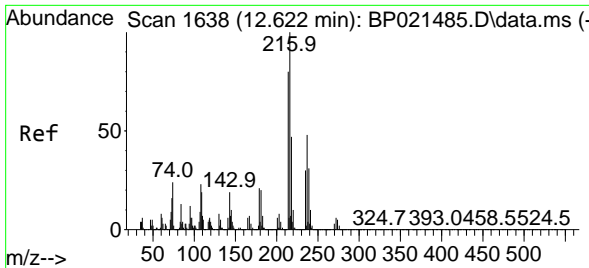


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.094 ng
 RT: 12.628 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



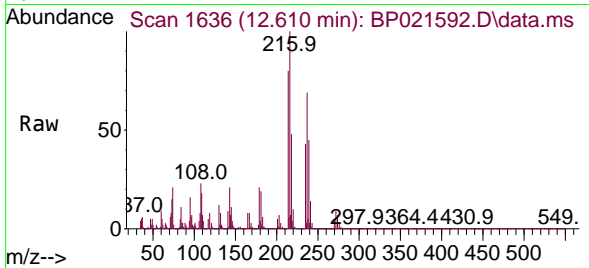
Tgt Ion:216 Resp: 963399
 Ion Ratio Lower Upper
 216 100
 214 77.8 62.5 93.7
 179 20.6 16.4 24.6
 108 19.9 16.7 25.1





#41
 Hexachlorocyclopentadiene
 Concen: 37.390 ng
 RT: 12.610 min Scan# 1636
 Delta R.T. -0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

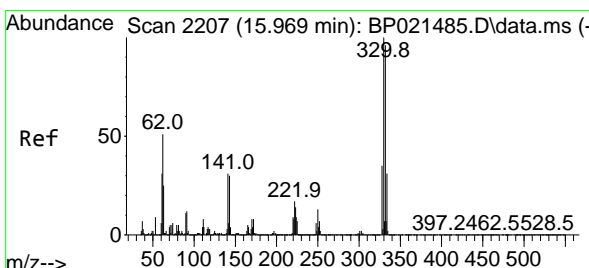
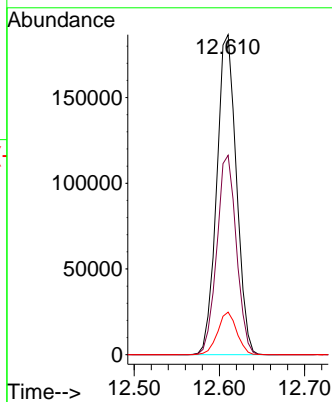
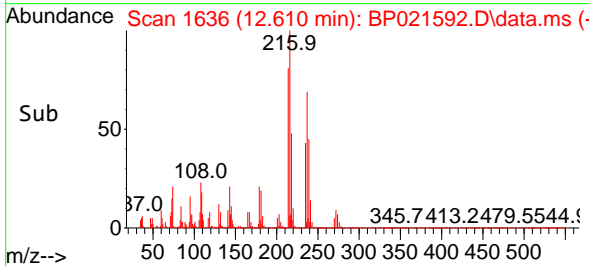
Instrument : BNA_P
 ClientSampleId : SSTDCCC040



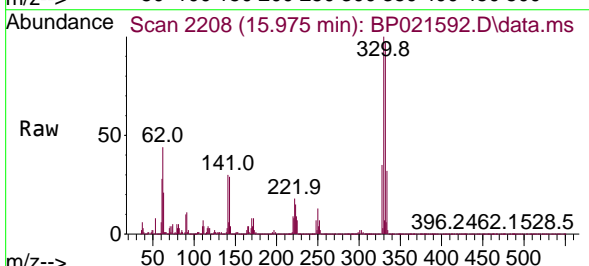
Tgt Ion: 237 Resp: 299695
 Ion Ratio Lower Upper
 237 100
 235 62.3 43.9 83.9
 272 13.3 0.0 33.3

Manual Integrations
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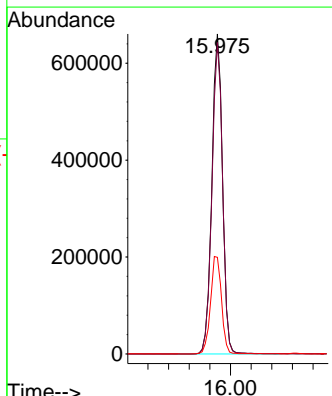
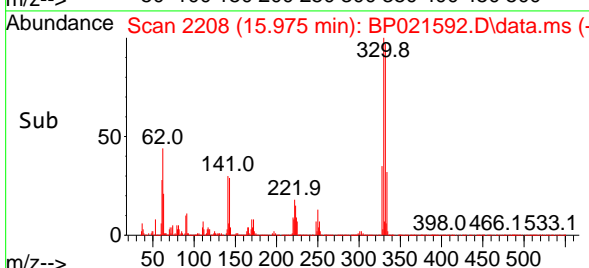
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

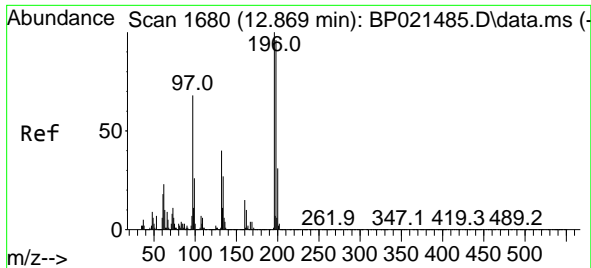


#42
 2,4,6-Tribromophenol
 Concen: 98.133 ng
 RT: 15.975 min Scan# 2208
 Delta R.T. 0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



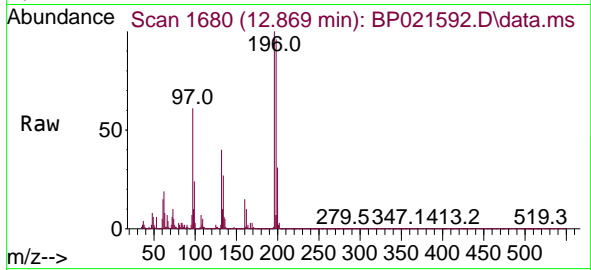
Tgt Ion: 330 Resp: 942695
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.0
 141 31.3 24.5 36.7





#43
 2,4,6-Trichlorophenol
 Concen: 46.343 ng
 RT: 12.869 min Scan# 1680
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

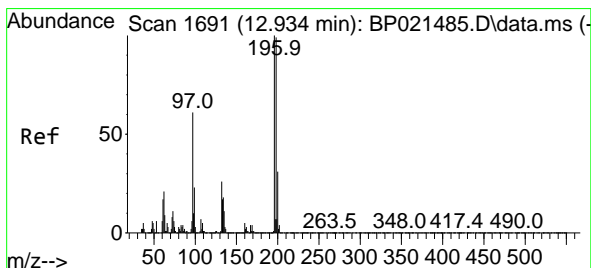
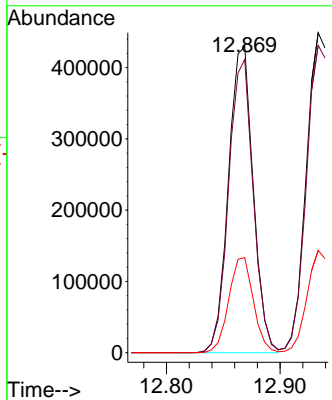
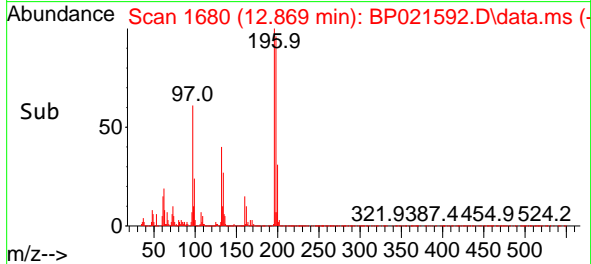
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



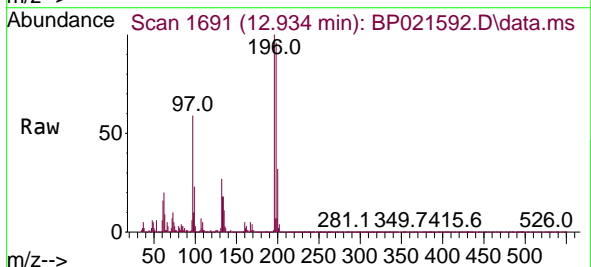
Tgt Ion:196 Resp: 65103
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.6 114.8
 200 31.0 24.5 36.7

Manual Integrations
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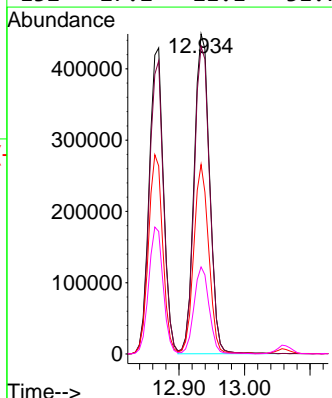
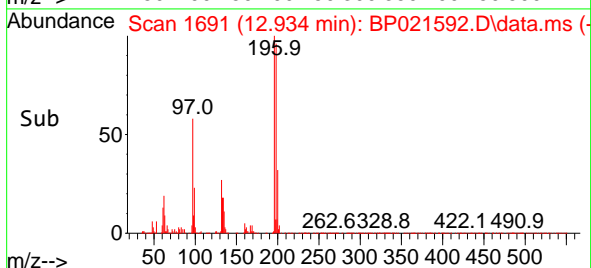
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

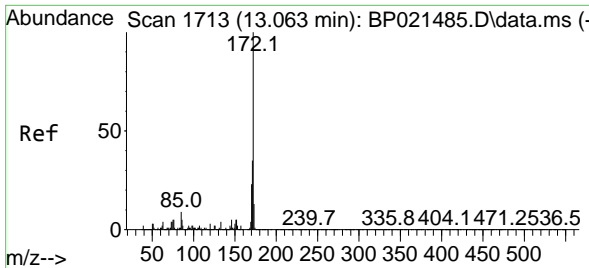


#44
 2,4,5-Trichlorophenol
 Concen: 47.290 ng
 RT: 12.934 min Scan# 1691
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



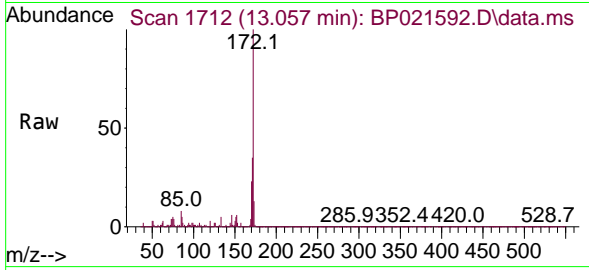
Tgt Ion:196 Resp: 738109
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.9 118.3
 97 59.2 49.4 74.0
 132 27.2 21.1 31.7





#45
 2-Fluorobiphenyl
 Concen: 75.582 ng
 RT: 13.057 min Scan# 1711
 Delta R.T. -0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

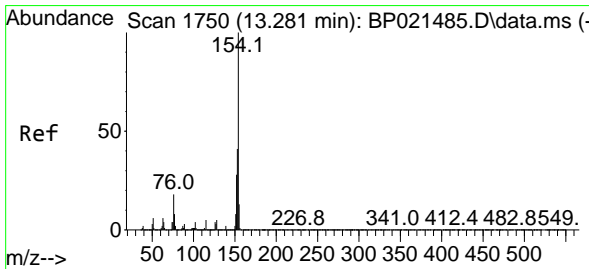
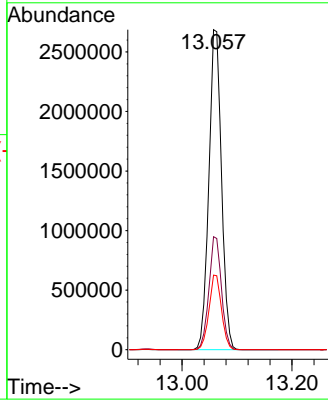
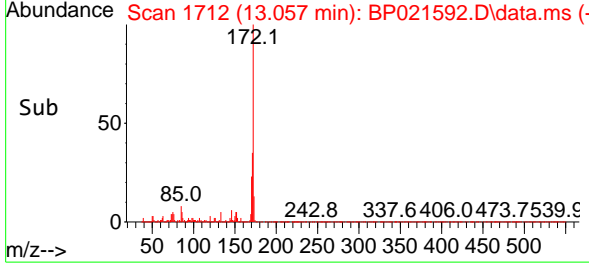
Instrument : BNA_P
 Client Sample Id : SSTDCCC040



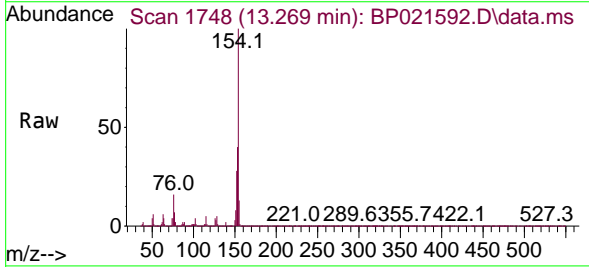
Tgt Ion: 172 Resp: 427461
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.4
 170 23.3 18.4 27.6

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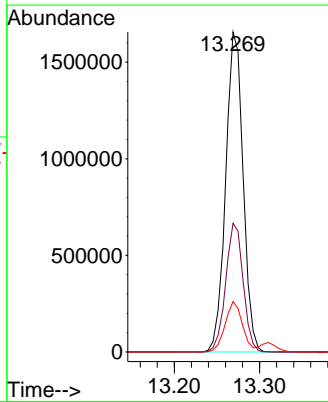
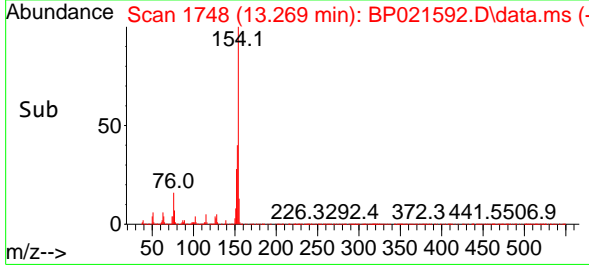
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

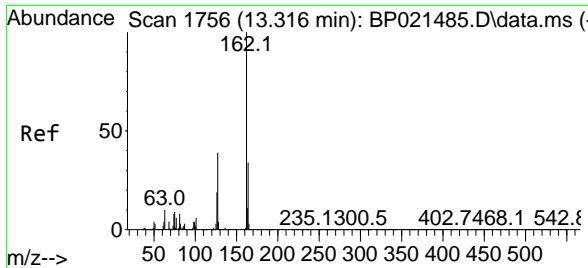


#46
 1,1'-Biphenyl
 Concen: 38.444 ng
 RT: 13.269 min Scan# 1748
 Delta R.T. -0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



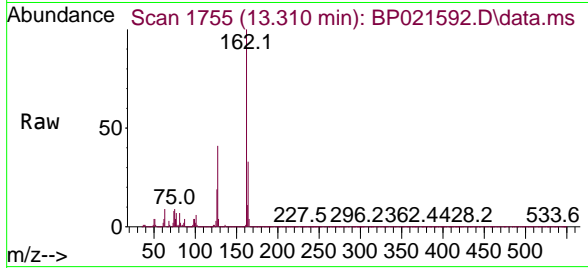
Tgt Ion: 154 Resp: 2347656
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.7 60.7
 76 15.8 0.0 37.7





#47
 2-Chloronaphthalene
 Concen: 38.735 ng
 RT: 13.310 min Scan# 1755
 Delta R.T. -0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

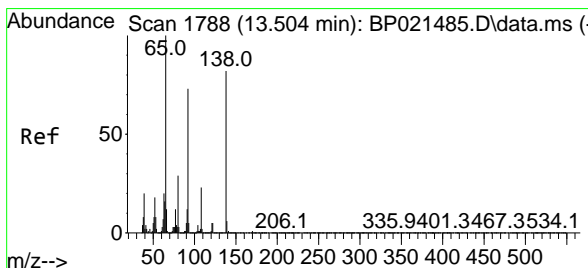
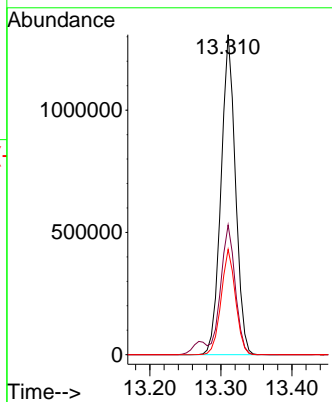
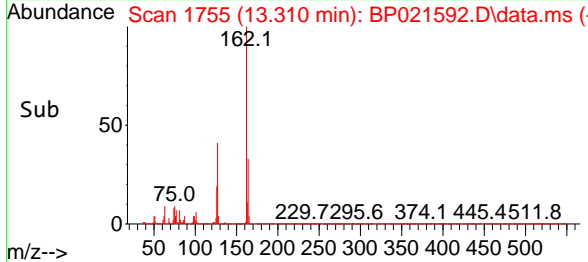
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



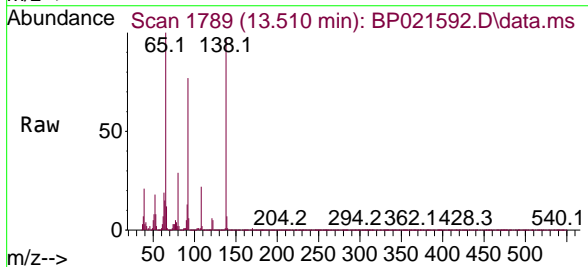
Tgt Ion:162 Resp: 184160
 Ion Ratio Lower Upper
 162 100
 127 40.6 31.9 47.9
 164 32.9 26.8 40.2

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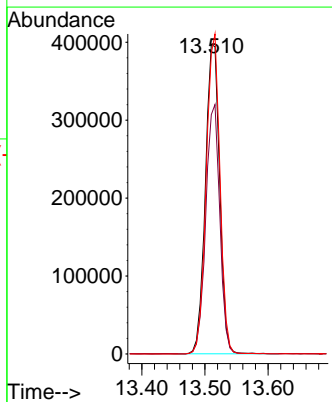
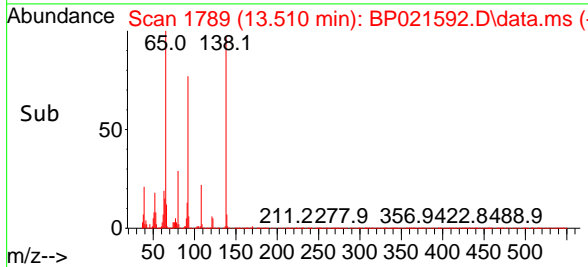
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

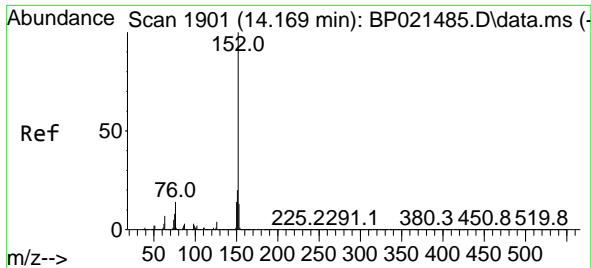


#48
 2-Nitroaniline
 Concen: 46.878 ng
 RT: 13.510 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



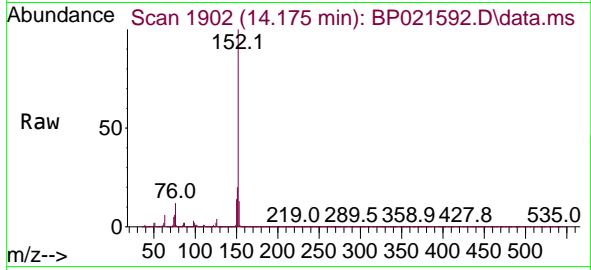
Tgt Ion: 65 Resp: 622860
 Ion Ratio Lower Upper
 65 100
 92 77.3 58.1 87.1
 138 97.1 65.5 98.3





#49
 Acenaphthylene
 Concen: 39.740 ng
 RT: 14.175 min Scan# 1901
 Delta R.T. 0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

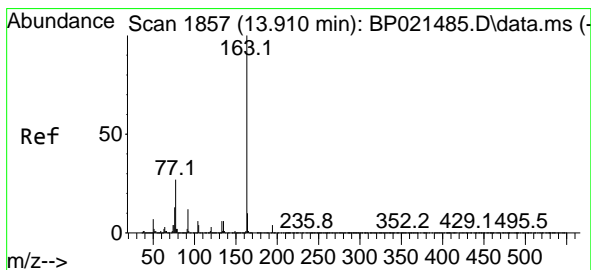
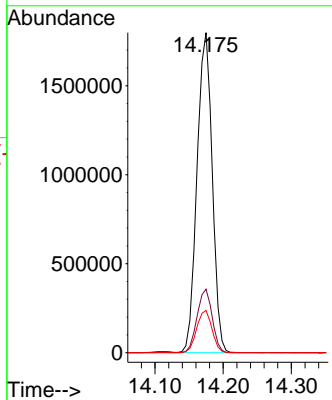
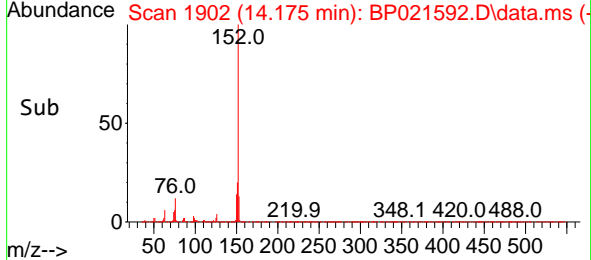
Instrument : BNA_P
 Client Sample Id : SSTDCCC040



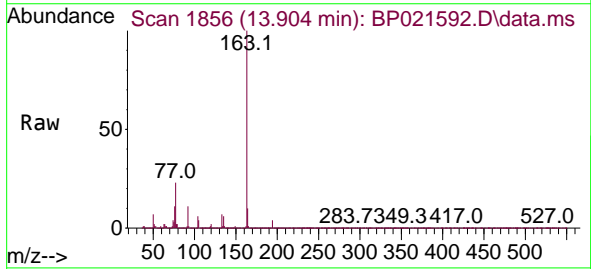
Tgt Ion: 152 Resp: 277745
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.9 23.9
 153 13.2 10.6 16.0

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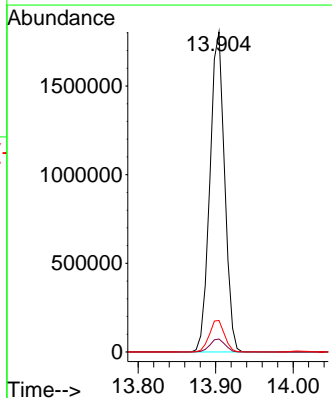
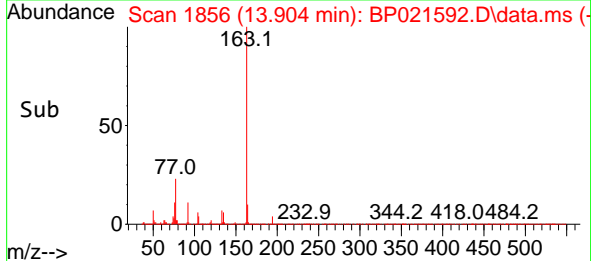
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

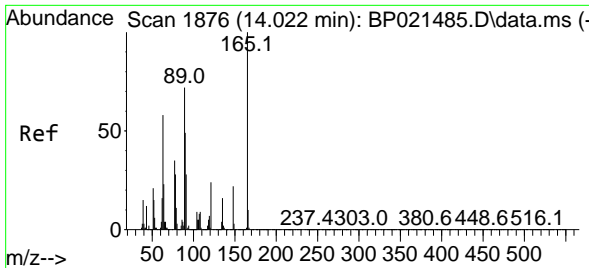


#50
 Dimethylphthalate
 Concen: 41.239 ng
 RT: 13.904 min Scan# 1856
 Delta R.T. -0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



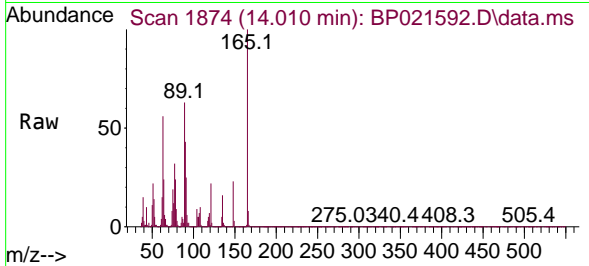
Tgt Ion: 163 Resp: 2383762
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.3 4.9
 164 9.9 8.3 12.5





#51
 2,6-Dinitrotoluene
 Concen: 47.006 ng
 RT: 14.010 min Scan# 1874
 Delta R.T. -0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

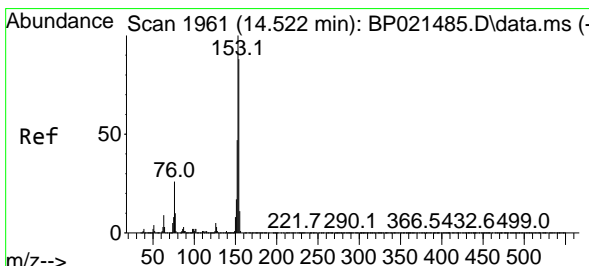
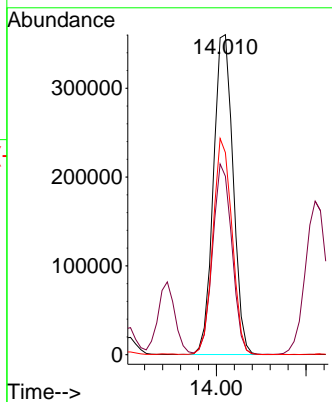
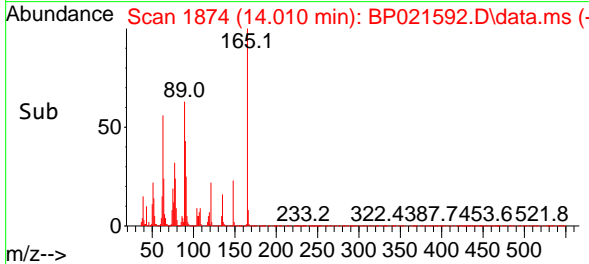


Tgt Ion:165 Resp: 54711

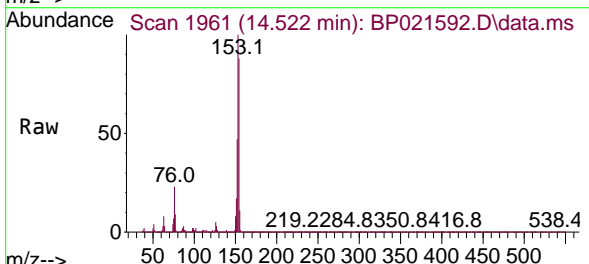
Ion	Ratio	Lower	Upper
165	100		
63	55.8	51.5	77.3
89	63.2	57.8	86.8

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 Supervised By :mohammad ahmed 08/22/2024

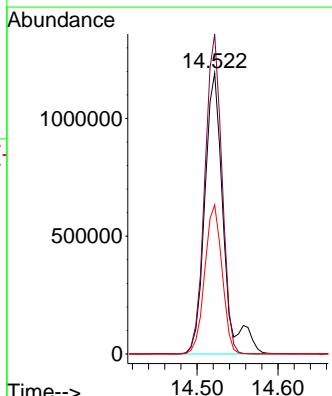
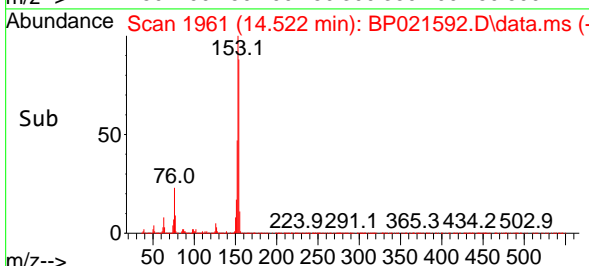


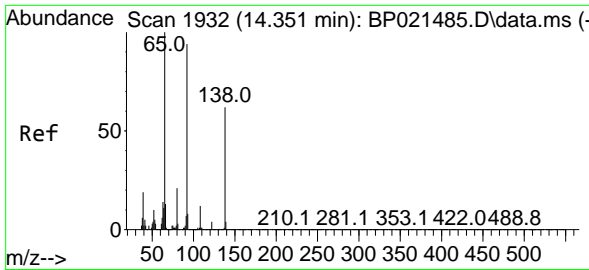
#52
 Acenaphthene
 Concen: 41.720 ng m
 RT: 14.522 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



Tgt Ion:154 Resp: 1913215

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.1	136.7
152	53.1	43.0	64.4





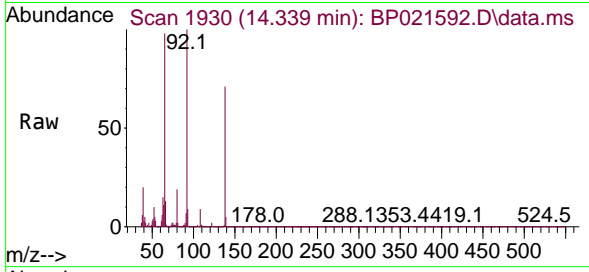
#53
 3-Nitroaniline
 Concen: 49.787 ng
 RT: 14.339 min Scan# 1930
 Delta R.T. -0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



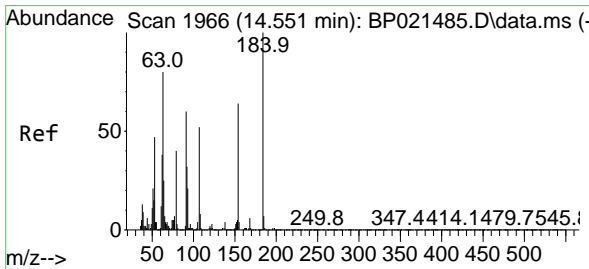
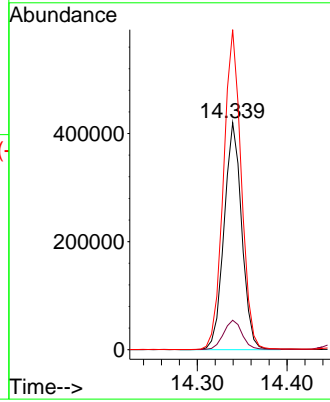
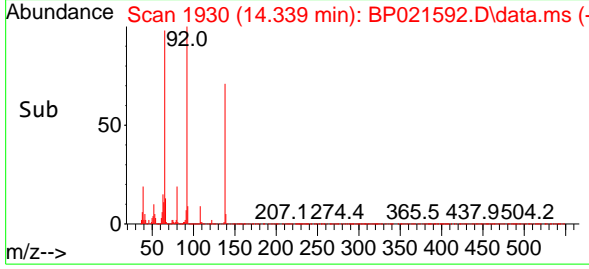
Tgt Ion:138 Resp: 57261
 Ion Ratio Lower Upper
 138 100
 108 12.9 16.2 24.4
 92 140.9 122.2 183.4

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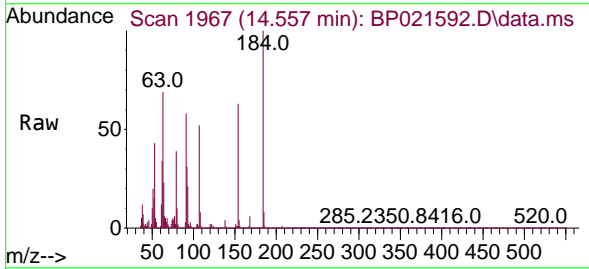
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Reviewed By :Yogesh Patel 08/22/2024

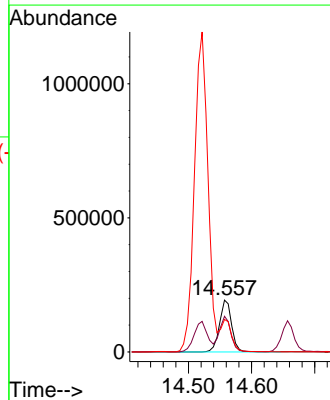
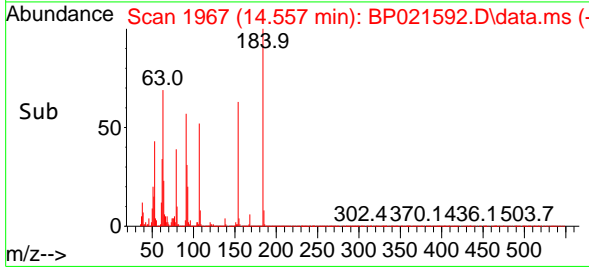
Supervised By :mohammad ahmed 08/22/2024

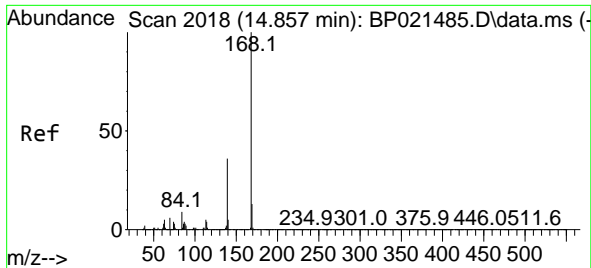


#54
 2,4-Dinitrophenol
 Concen: 68.565 ng
 RT: 14.557 min Scan# 1967
 Delta R.T. 0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



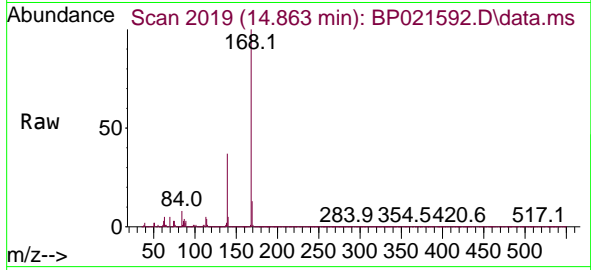
Tgt Ion:184 Resp: 257171
 Ion Ratio Lower Upper
 184 100
 63 68.9 64.9 97.3
 154 62.7 52.1 78.1





#55
 Dibenzofuran
 Concen: 40.431 ng
 RT: 14.863 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

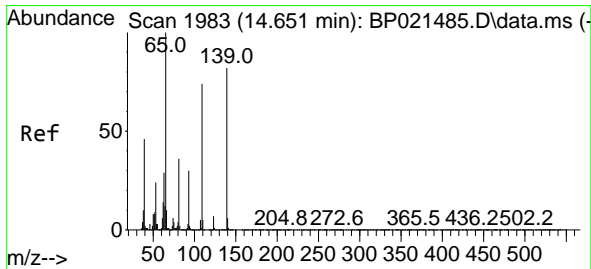
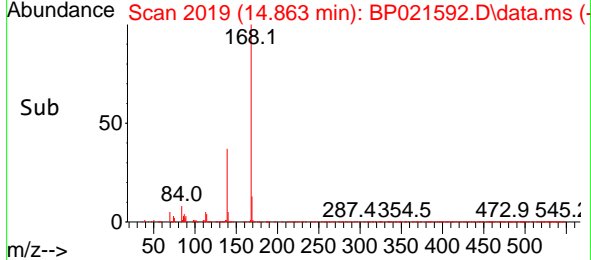
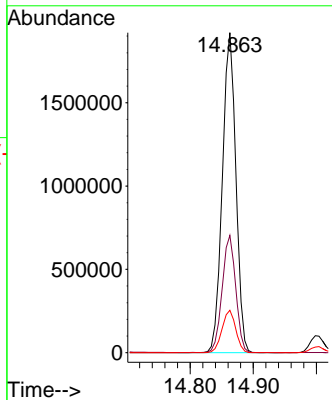
Instrument : BNA_P
 Client Sample Id : SSTDCCC040



Tgt Ion: 168 Resp: 2852179
 Ion Ratio Lower Upper
 168 100
 139 36.6 28.6 43.0
 169 13.3 10.6 16.0

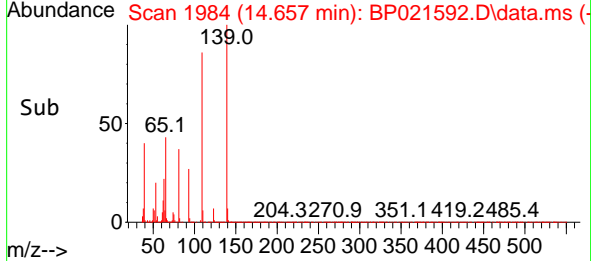
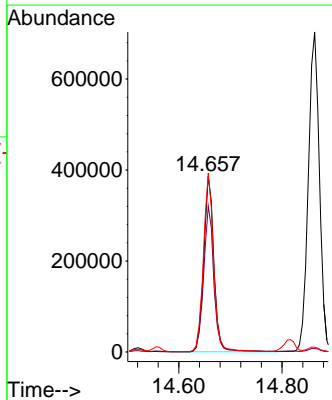
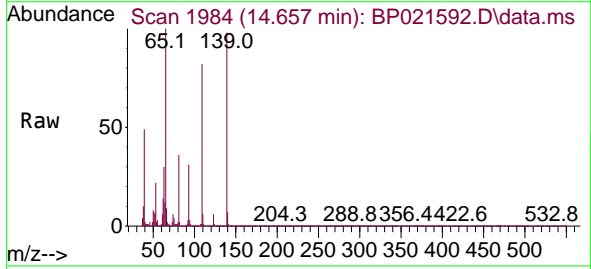
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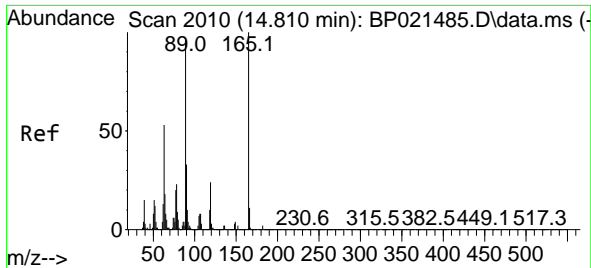
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024



#56
 4-Nitrophenol
 Concen: 56.857 ng
 RT: 14.657 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

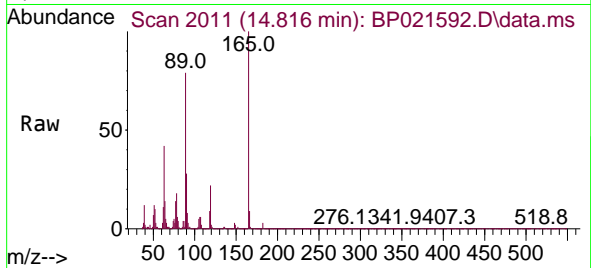
Tgt Ion: 139 Resp: 530034
 Ion Ratio Lower Upper
 139 100
 109 83.1 70.2 110.2
 65 101.7 101.8 141.8#





#57
 2,4-Dinitrotoluene
 Concen: 52.475 ng
 RT: 14.816 min Scan# 2010
 Delta R.T. 0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

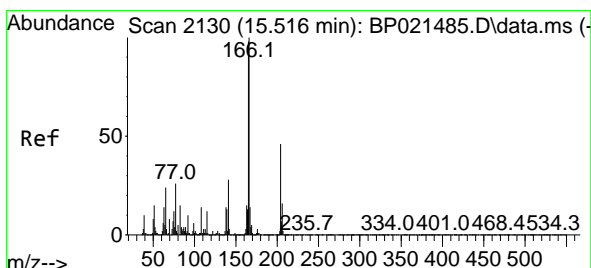
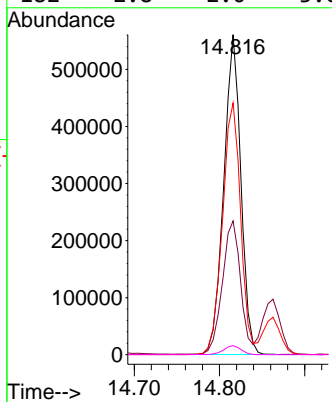
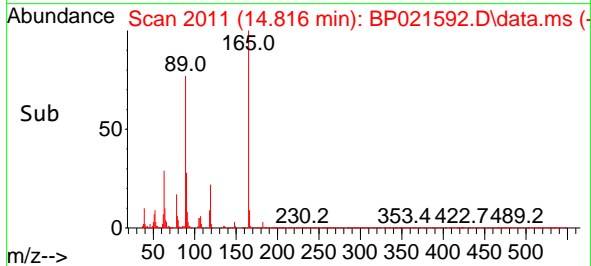
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



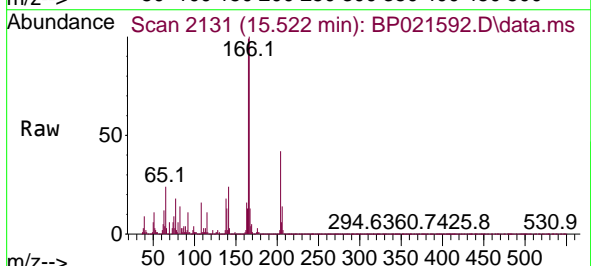
Tgt Ion:165 Resp: 78606
 Ion Ratio Lower Upper
 165 100
 63 41.8 42.5 63.7
 89 78.6 77.1 115.7
 182 2.8 2.0 3.0

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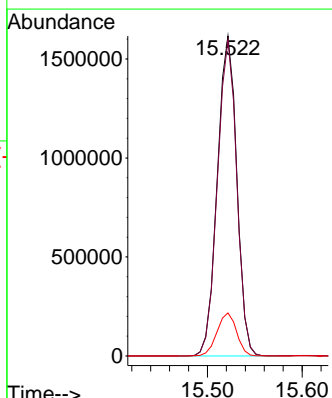
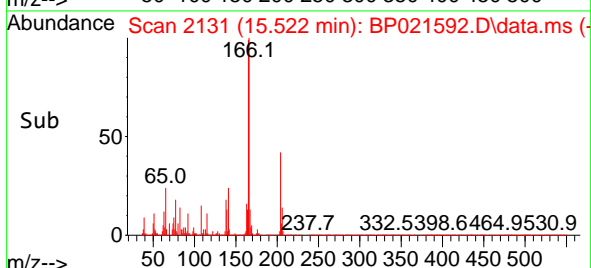
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

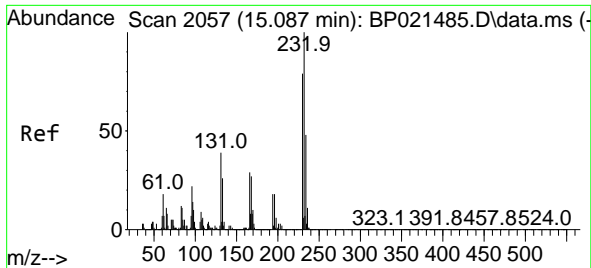


#58
 Fluorene
 Concen: 39.883 ng
 RT: 15.522 min Scan# 2131
 Delta R.T. 0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



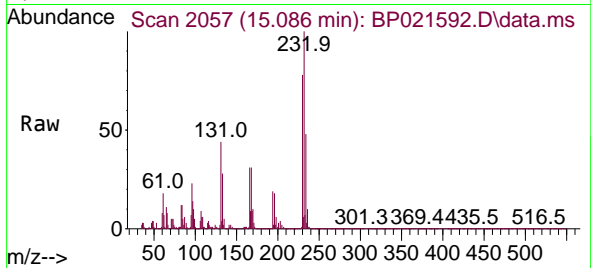
Tgt Ion:166 Resp: 2311380
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.1 117.1
 167 13.5 11.0 16.4





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.225 ng
 RT: 15.086 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

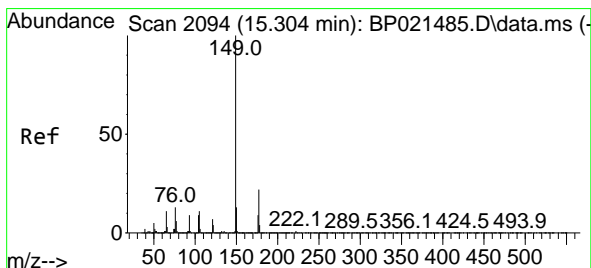
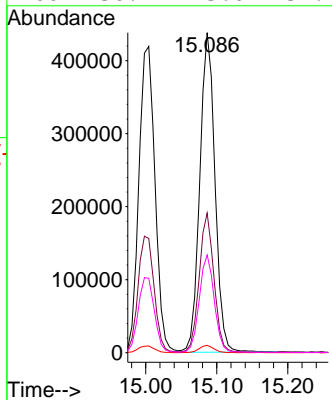
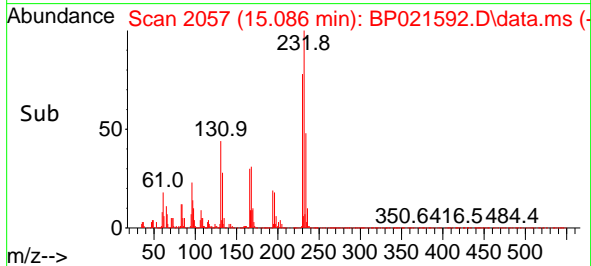


Tgt Ion: 232 Resp: 65213

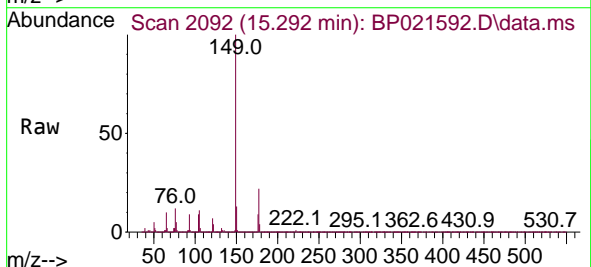
Ion	Ratio	Lower	Upper
232	100		
131	42.2	33.1	49.7
130	2.2	1.7	2.5
166	30.1	23.0	34.4

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 Supervised By :mohammad ahmed 08/22/2024

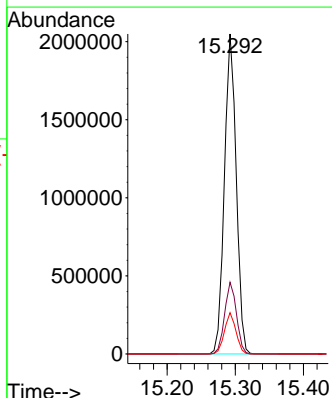
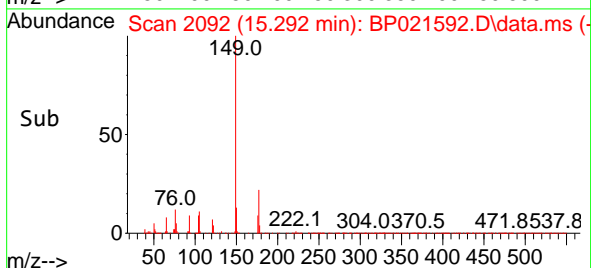


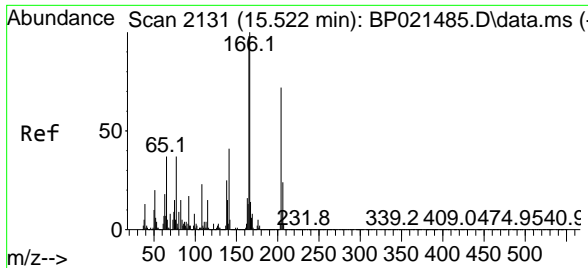
#60
 Diethylphthalate
 Concen: 41.619 ng
 RT: 15.292 min Scan# 2092
 Delta R.T. -0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



Tgt Ion: 149 Resp: 2468390

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.8	26.8
150	12.9	10.1	15.1





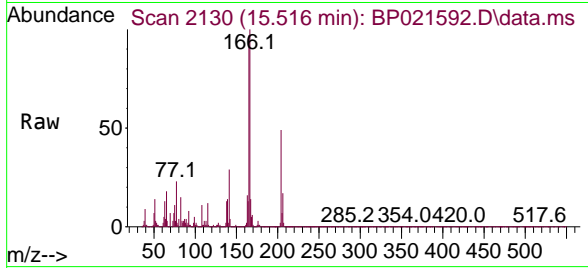
#61
 4-Chlorophenyl-phenylether
 Concen: 38.791 ng
 RT: 15.516 min Scan# 2130
 Delta R.T. -0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



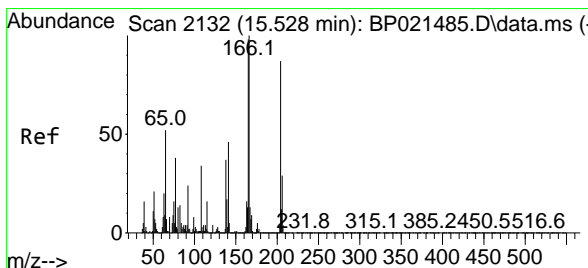
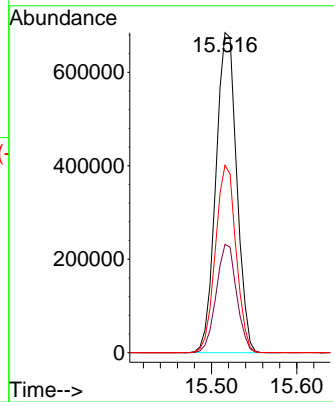
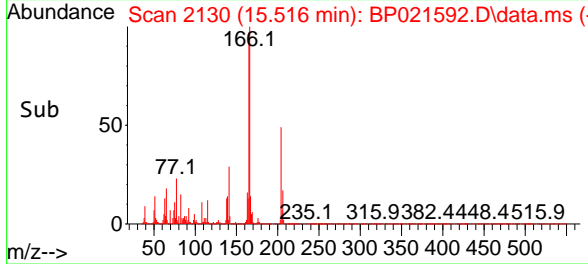
Tgt Ion: 204 Resp: 116206
 Ion Ratio Lower Upper
 204 100
 206 33.8 26.4 39.6
 141 58.6 46.1 69.1

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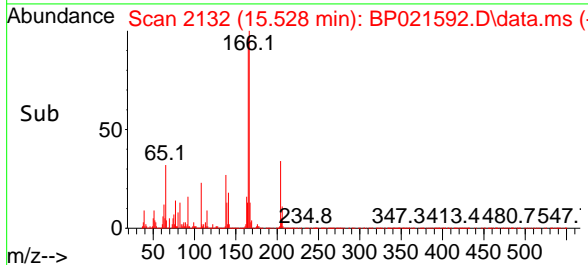
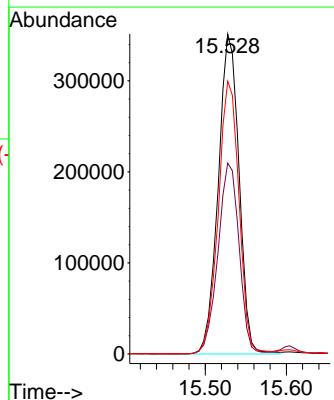
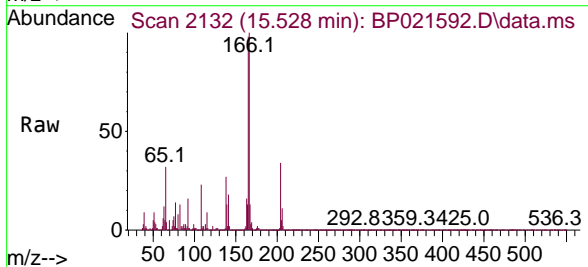
Reviewed By :Yogesh Patel 08/22/2024

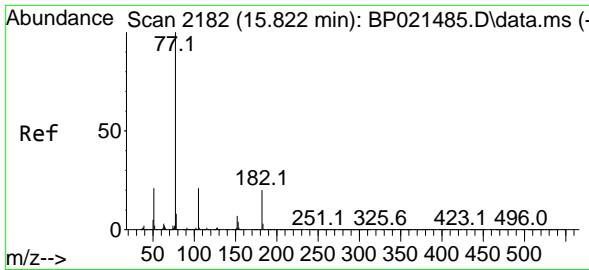
Supervised By :mohammad ahmed 08/22/2024



#62
 4-Nitroaniline
 Concen: 52.720 ng
 RT: 15.528 min Scan# 2132
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

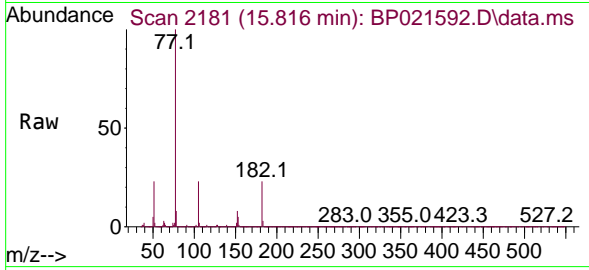
Tgt Ion: 138 Resp: 624880
 Ion Ratio Lower Upper
 138 100
 92 59.7 46.4 86.4
 108 85.3 73.2 113.2





#63
 Azobenzene
 Concen: 36.052 ng
 RT: 15.816 min Scan# 2181
 Delta R.T. -0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

Instrument : BNA_P
 ClientSampleId : SSTDCCC040

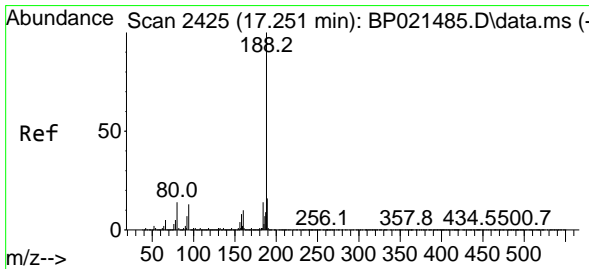
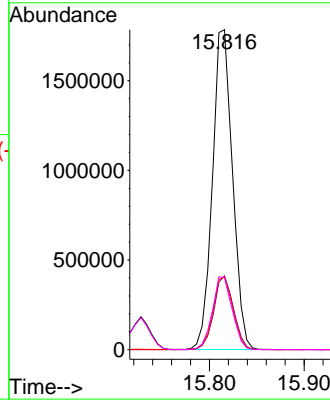
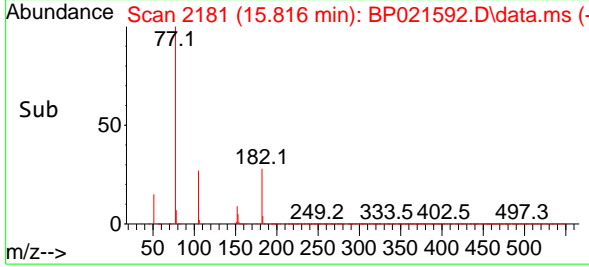


Tgt Ion: 77 Resp: 262833

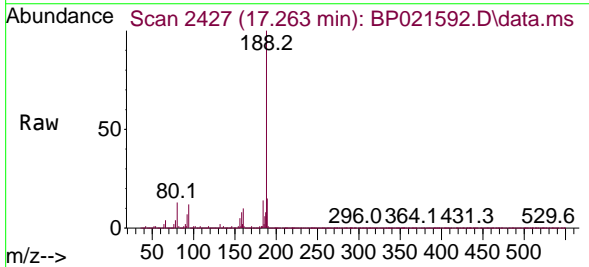
Ion	Ratio	Lower	Upper
77	100		
182	23.1	0.0	39.9
105	22.8	0.9	40.9
51	22.5	1.4	41.4

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 Supervised By :mohammad ahmed 08/22/2024

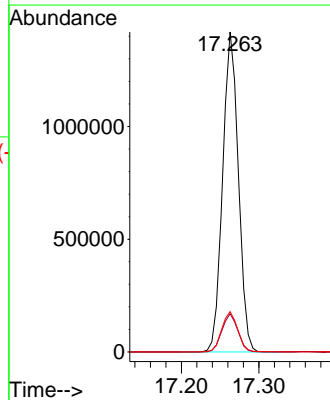
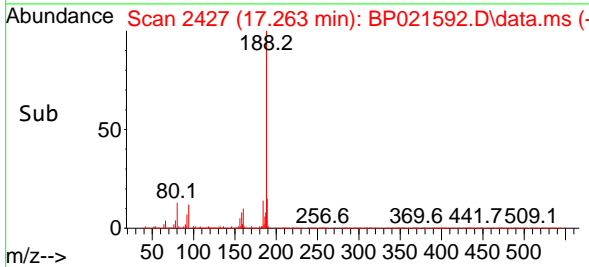


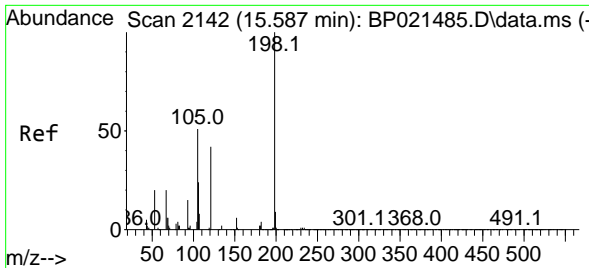
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.263 min Scan# 2427
 Delta R.T. 0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



Tgt Ion:188 Resp: 1998553

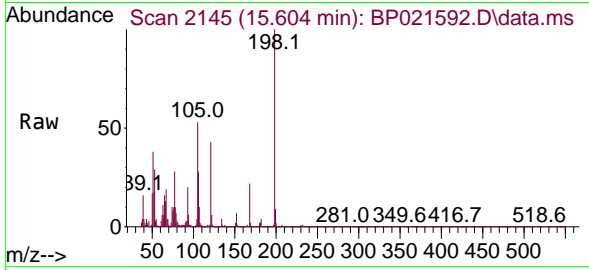
Ion	Ratio	Lower	Upper
188	100		
94	11.9	10.2	15.4
80	12.6	11.6	17.4





#65
 4,6-Dinitro-2-methylphenol
 Concen: 59.143 ng
 RT: 15.604 min Scan# 2145
 Delta R.T. 0.017 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

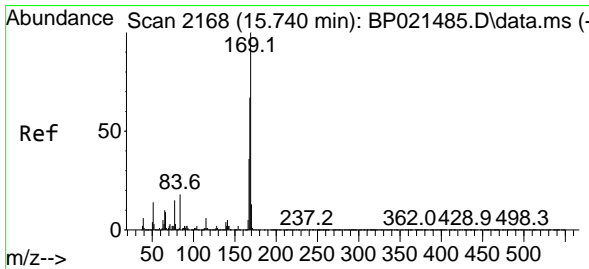
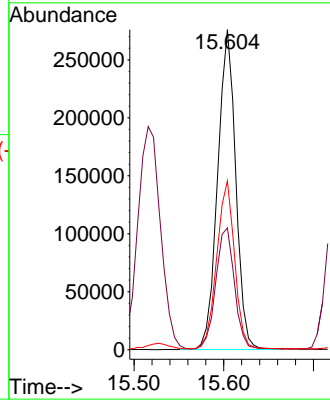
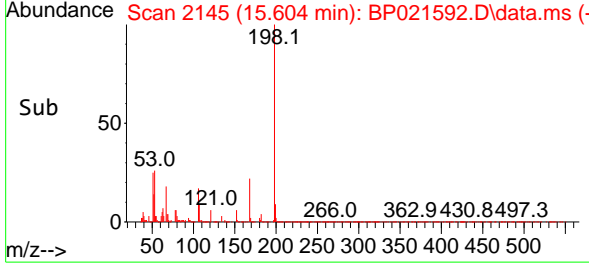


Tgt Ion: 198 Resp: 385486

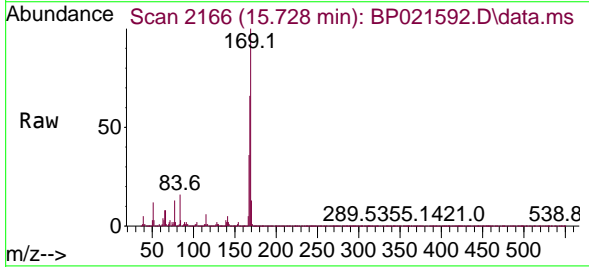
Ion	Ratio	Lower	Upper
198	100		
51	38.0	21.5	61.5
105	52.8	32.9	72.9

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Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

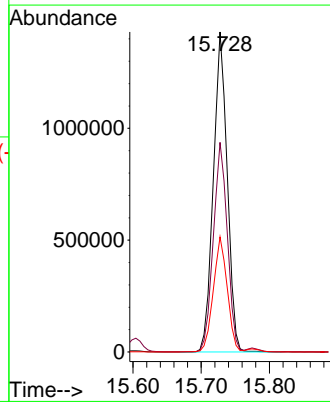
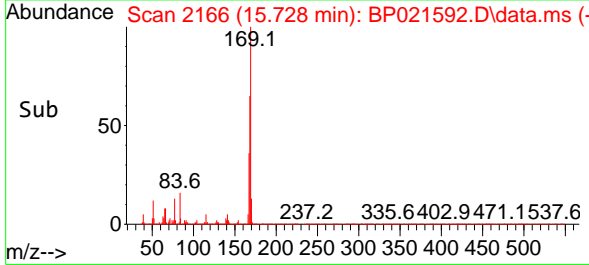


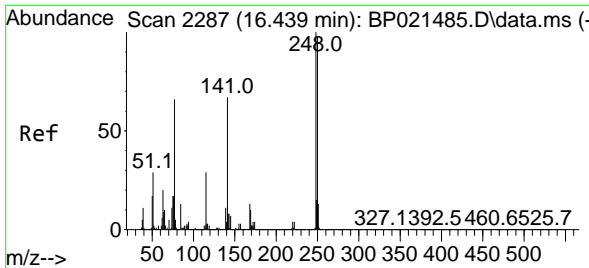
#66
 n-Nitrosodiphenylamine
 Concen: 37.876 ng
 RT: 15.728 min Scan# 2166
 Delta R.T. -0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



Tgt Ion: 169 Resp: 2028600

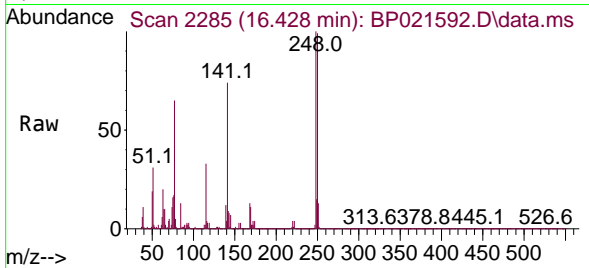
Ion	Ratio	Lower	Upper
169	100		
168	65.5	53.4	80.2
167	35.9	28.7	43.1





#67
 4-Bromophenyl-phenylether
 Concen: 36.976 ng
 RT: 16.428 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

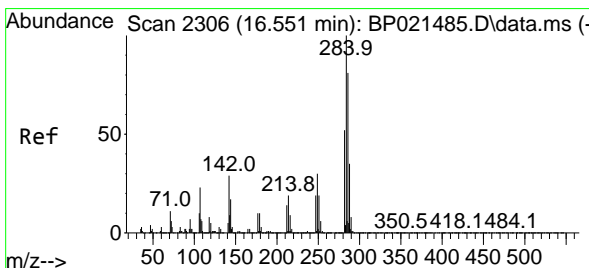
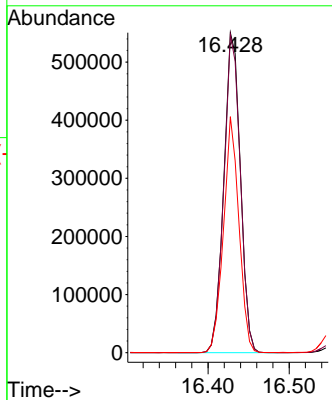
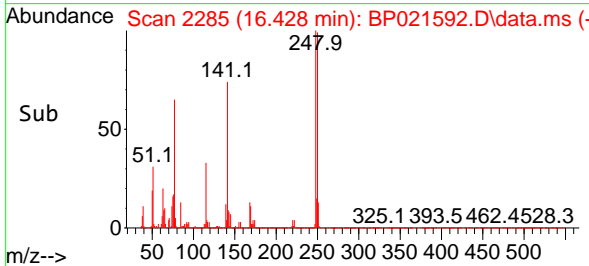
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



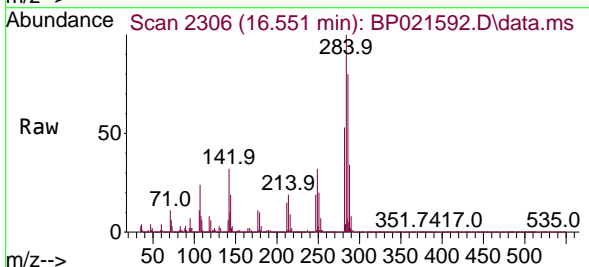
Tgt Ion:248 Resp: 78210
 Ion Ratio Lower Upper
 248 100
 250 99.5 78.6 117.8
 141 73.7 53.9 80.9

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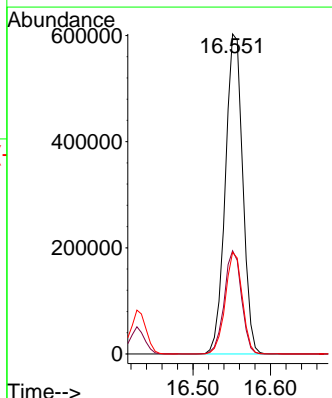
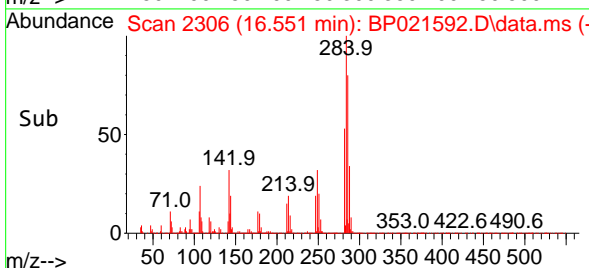
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

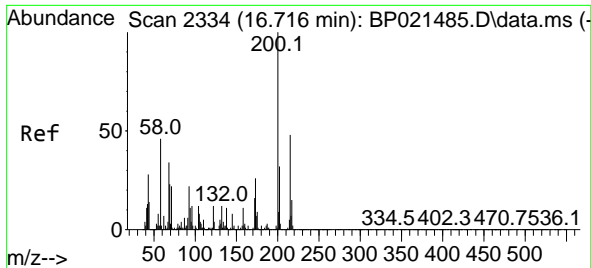


#68
 Hexachlorobenzene
 Concen: 37.644 ng
 RT: 16.551 min Scan# 2306
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



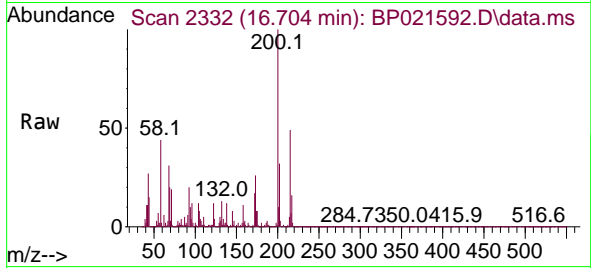
Tgt Ion:284 Resp: 940976
 Ion Ratio Lower Upper
 284 100
 142 32.2 23.4 35.2
 249 31.8 24.1 36.1





#69
 Atrazine
 Concen: 31.922 ng
 RT: 16.704 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

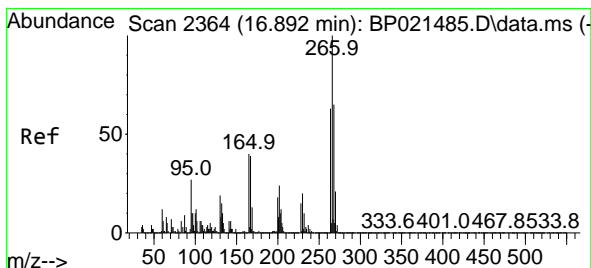
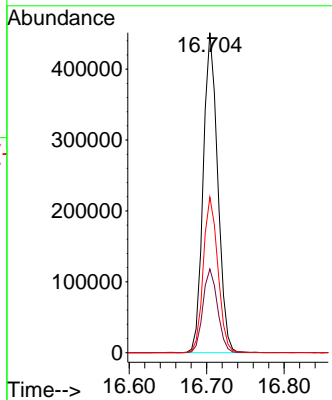
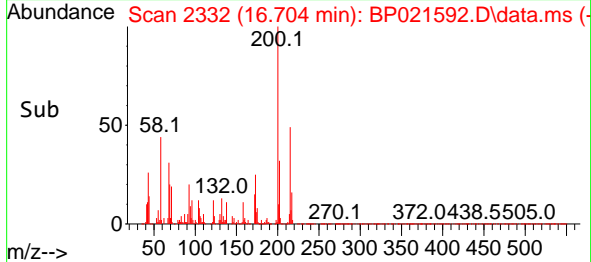
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



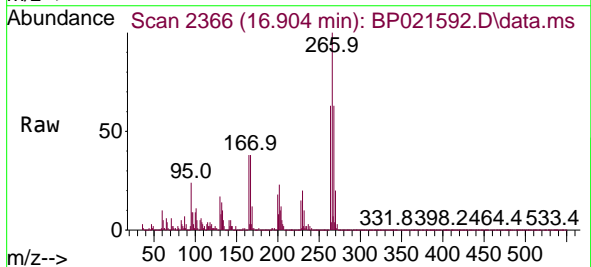
Tgt Ion:200 Resp: 586984
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.2 46.2
 215 48.6 28.4 68.4

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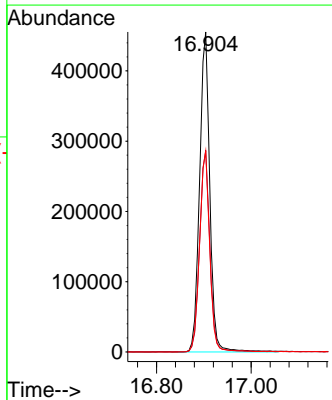
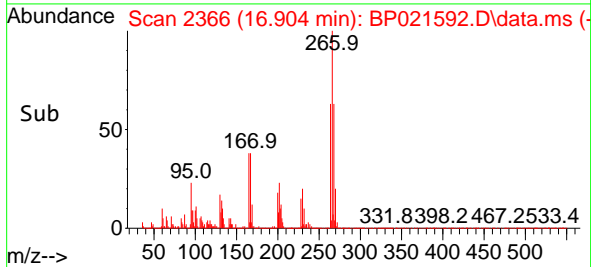
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

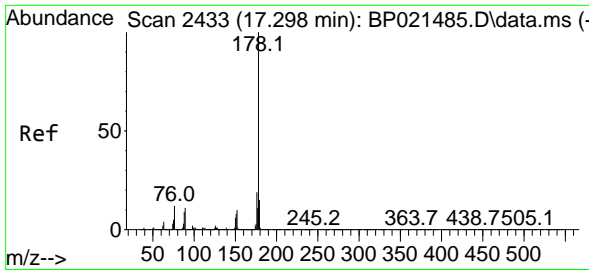


#70
 Pentachlorophenol
 Concen: 49.701 ng
 RT: 16.904 min Scan# 2366
 Delta R.T. 0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



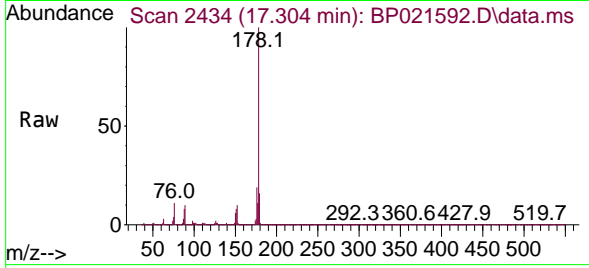
Tgt Ion:266 Resp: 678081
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.8 77.6
 264 62.7 50.5 75.7





#71
 Phenanthrene
 Concen: 39.667 ng
 RT: 17.304 min Scan# 2434
 Delta R.T. 0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

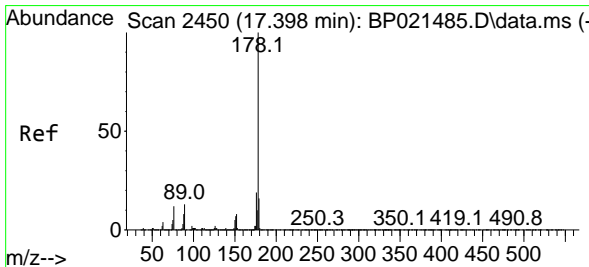
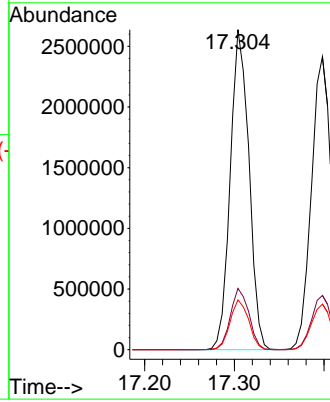
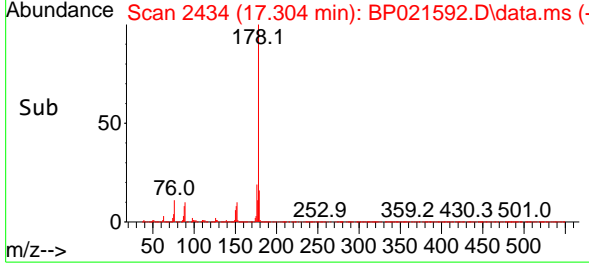
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



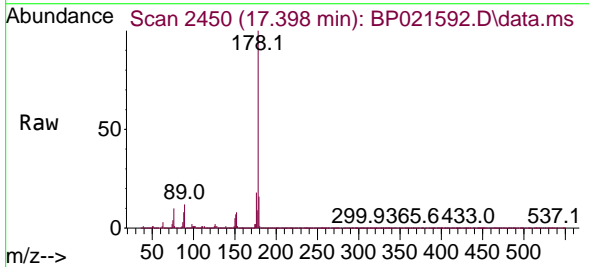
Tgt Ion:178 Resp: 381261
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.6 12.4 18.6

Manual Integrations
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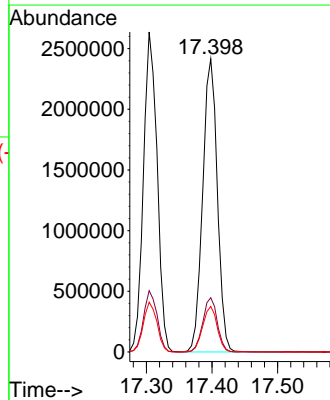
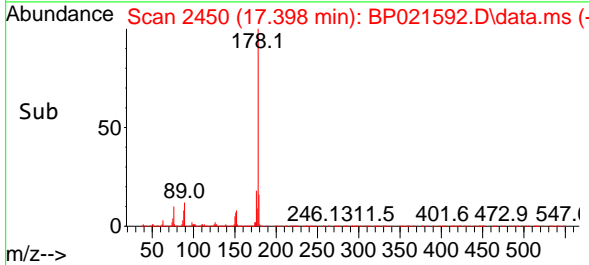
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

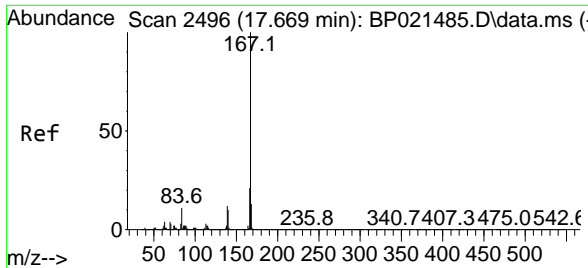


#72
 Anthracene
 Concen: 39.819 ng
 RT: 17.398 min Scan# 2450
 Delta R.T. -0.000 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



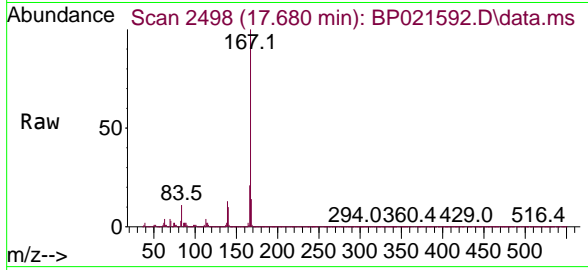
Tgt Ion:178 Resp: 3753460
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.9 22.3
 179 15.6 12.5 18.7





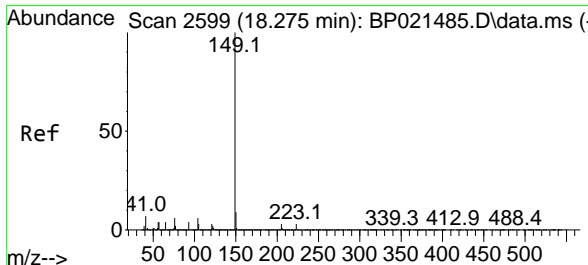
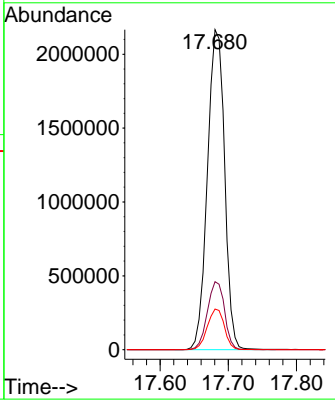
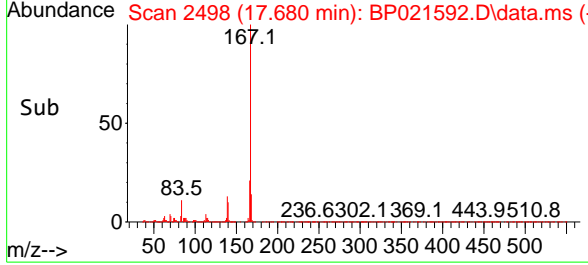
#73
 Carbazole
 Concen: 41.855 ng
 RT: 17.680 min Scan# 2498
 Delta R.T. 0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

Instrument : BNA_P
 Client Sample Id : SSTDCCC040

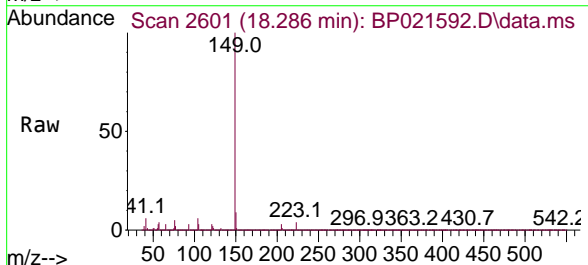


Tgt Ion: 167 Resp: 380218
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 12.7 9.9 14.9

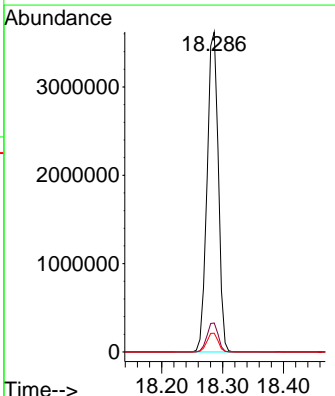
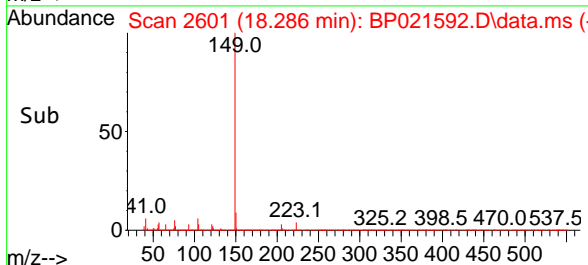
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 Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

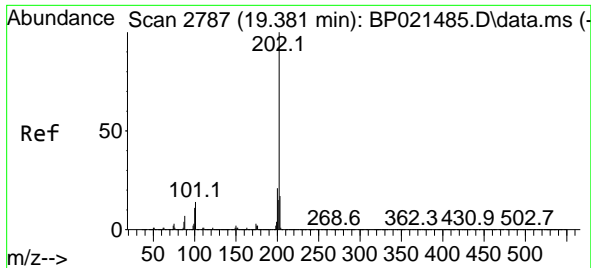


#74
 Di-n-butylphthalate
 Concen: 41.468 ng
 RT: 18.286 min Scan# 2601
 Delta R.T. 0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



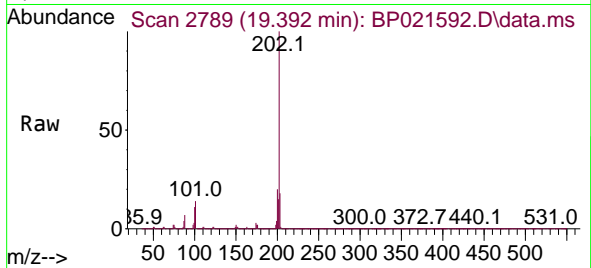
Tgt Ion: 149 Resp: 4626416
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.9 4.9 7.3





#75
 Fluoranthene
 Concen: 42.956 ng
 RT: 19.392 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

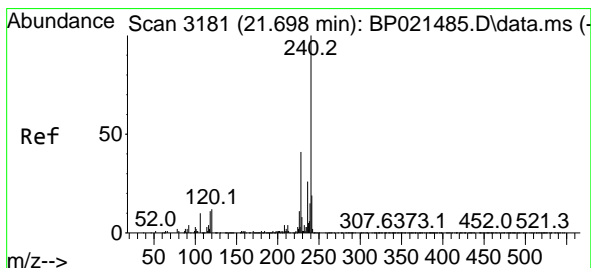
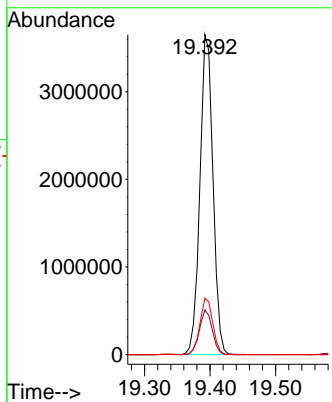
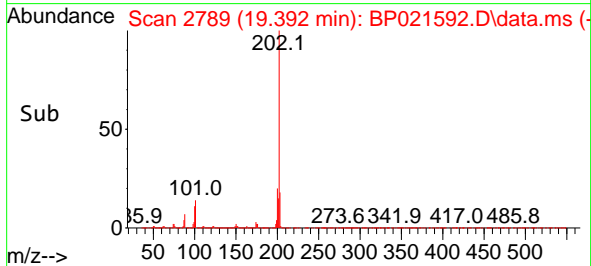
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



Tgt Ion: 202 Resp: 5065830
 Ion Ratio Lower Upper
 202 100
 101 14.0 0.0 34.0
 203 17.7 0.0 37.5

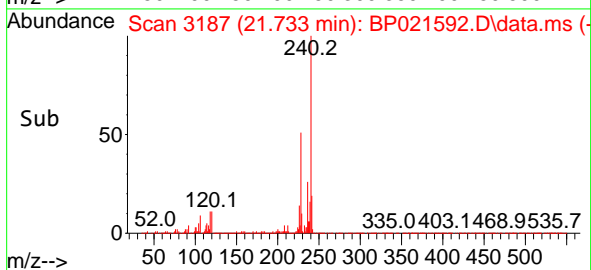
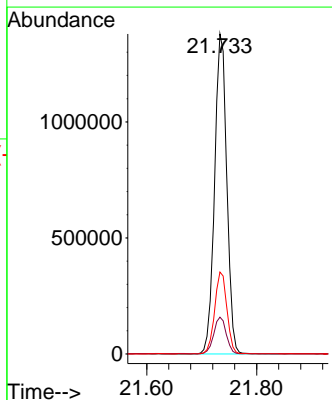
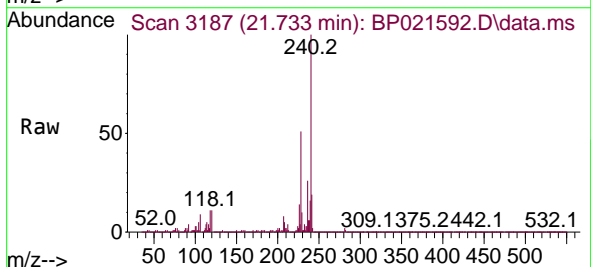
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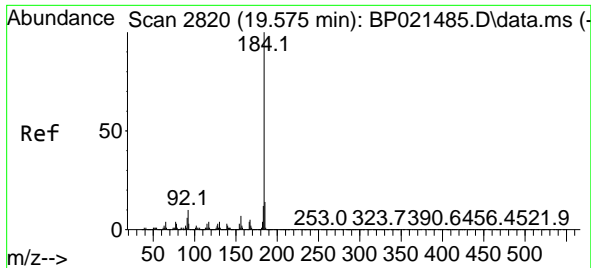
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.733 min Scan# 3187
 Delta R.T. 0.035 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

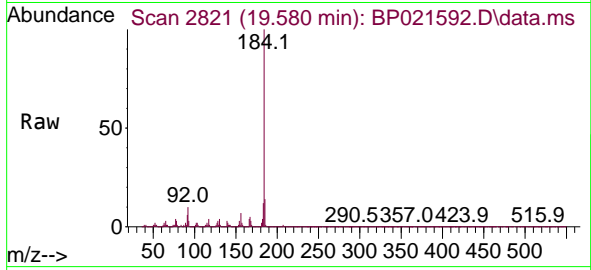
Tgt Ion: 240 Resp: 2127498
 Ion Ratio Lower Upper
 240 100
 120 11.5 9.9 14.9
 236 25.6 20.6 30.8





#77
 Benzidine
 Concen: 44.381 ng
 RT: 19.580 min Scan# 2821
 Delta R.T. 0.005 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

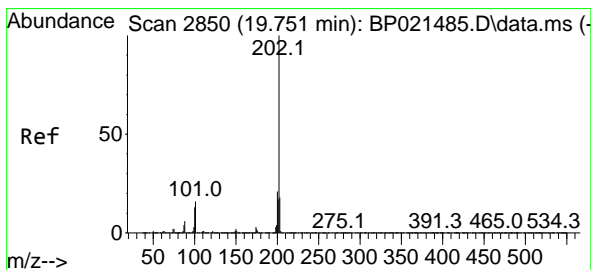
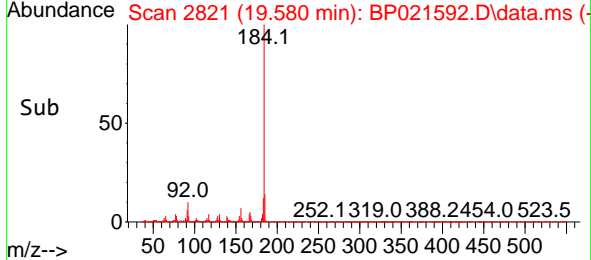
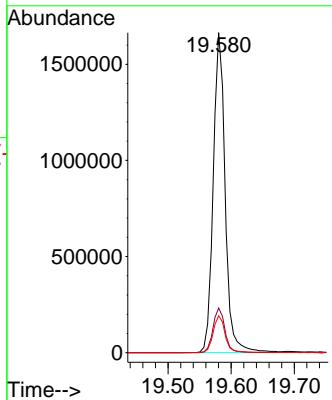
Instrument : BNA_P
 ClientSampleId : SSTDCCC040



Tgt Ion: 184 Resp: 2179850
 Ion Ratio Lower Upper
 184 100
 185 13.9 11.4 17.0
 183 11.5 9.3 13.9

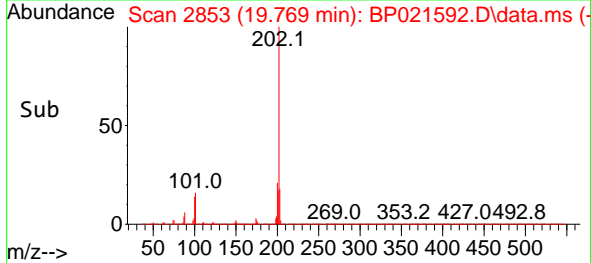
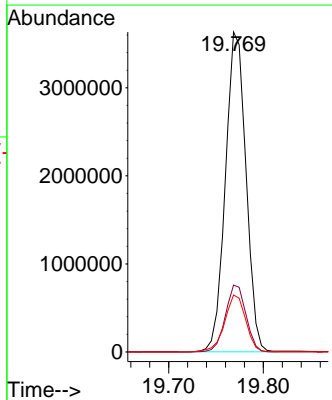
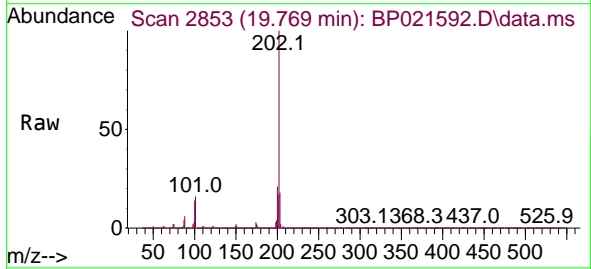
Manual Integrations
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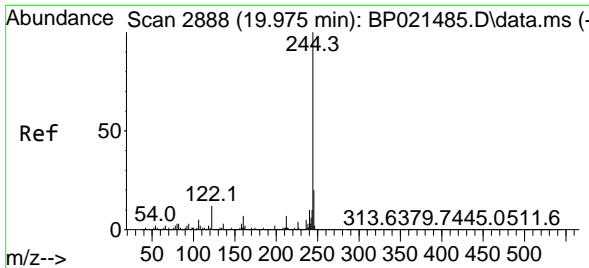
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024



#78
 Pyrene
 Concen: 39.410 ng
 RT: 19.769 min Scan# 2853
 Delta R.T. 0.017 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

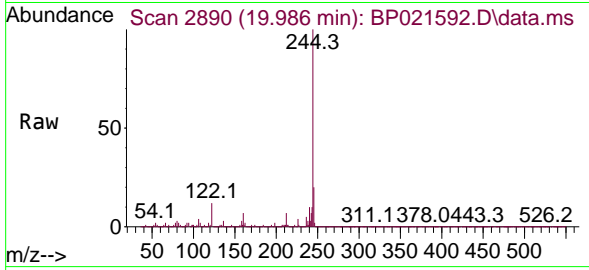
Tgt Ion: 202 Resp: 5480284
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.7 25.1
 203 17.8 14.1 21.1





#79
 Terphenyl-d14
 Concen: 73.593 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

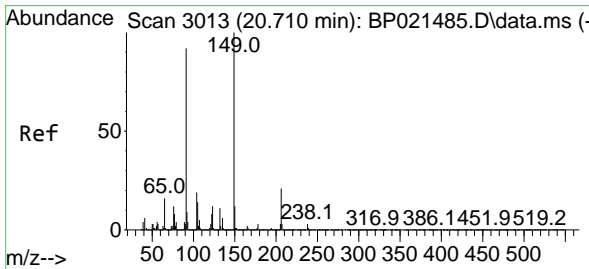
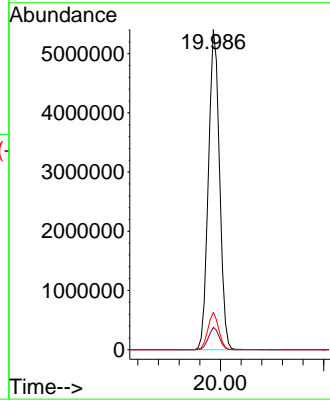
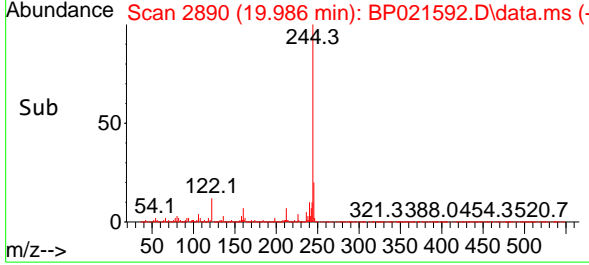
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



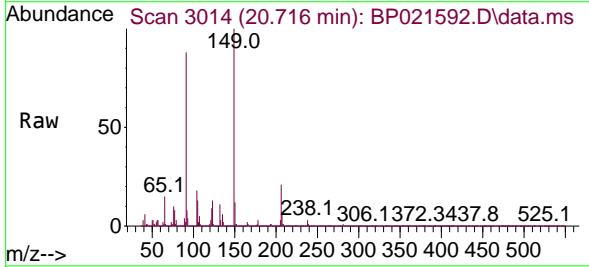
Tgt Ion:244 Resp: 805927
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.6 9.4 14.2

Manual Integrations
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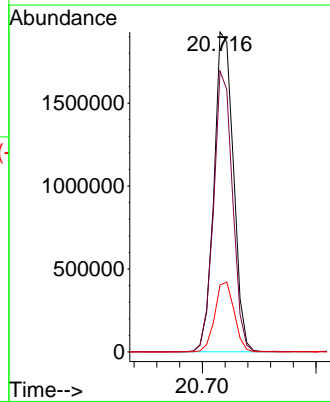
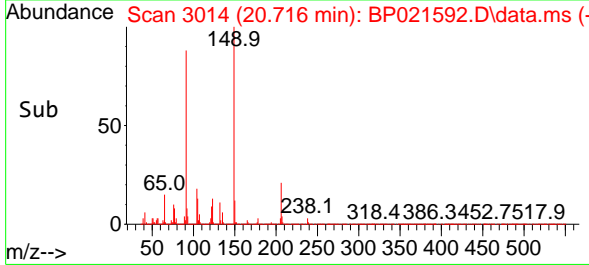
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

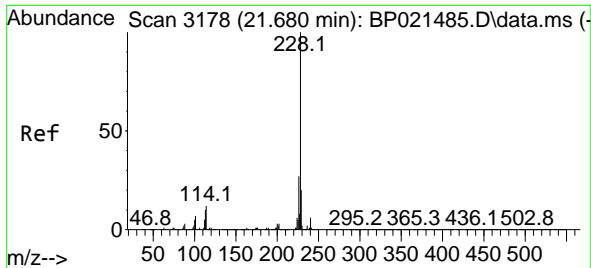


#80
 Butylbenzylphthalate
 Concen: 43.759 ng
 RT: 20.716 min Scan# 3014
 Delta R.T. 0.006 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



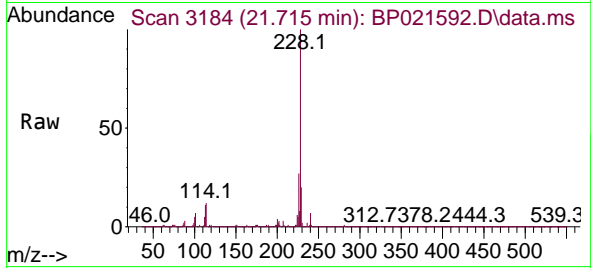
Tgt Ion:149 Resp: 2291308
 Ion Ratio Lower Upper
 149 100
 91 87.7 73.3 109.9
 206 20.9 17.1 25.7





#81
 Benzo(a)anthracene
 Concen: 40.017 ng
 RT: 21.715 min Scan# 3178
 Delta R.T. 0.035 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

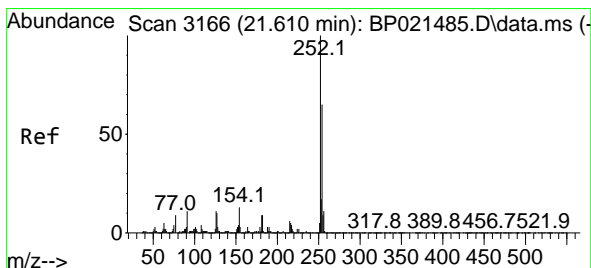
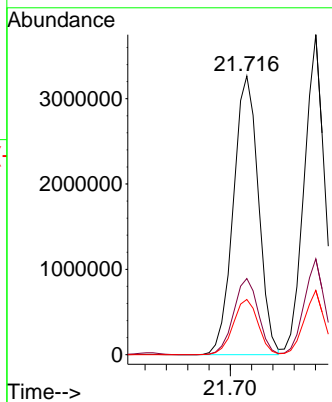
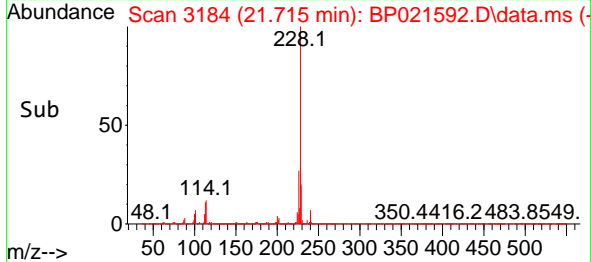
Instrument : BNA_P
 ClientSampleId : SSTDCCC040



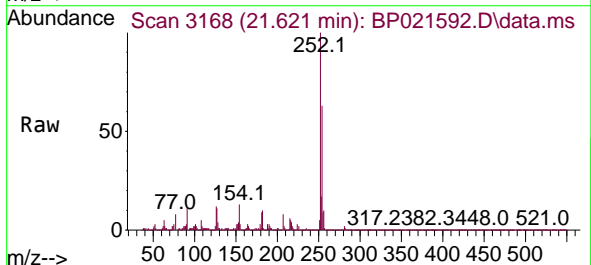
Tgt Ion:228 Resp: 5344489
 Ion Ratio Lower Upper
 228 100
 226 27.3 21.4 32.2
 229 19.8 15.8 23.6

Manual Integrations
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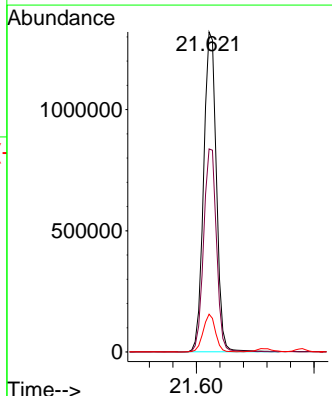
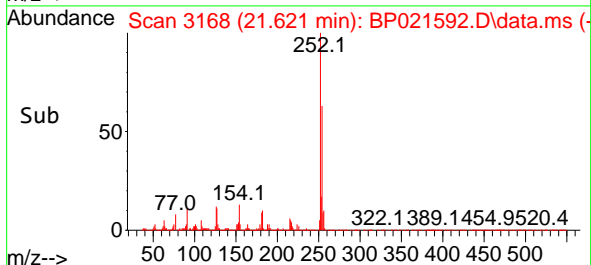
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

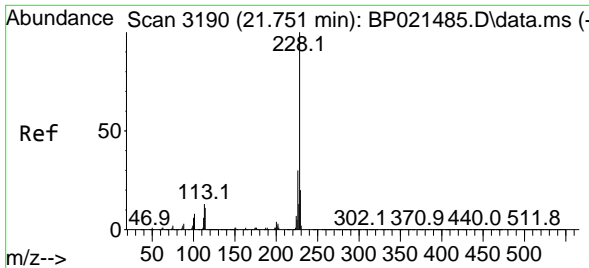


#82
 3,3'-Dichlorobenzidine
 Concen: 46.254 ng
 RT: 21.621 min Scan# 3168
 Delta R.T. 0.012 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



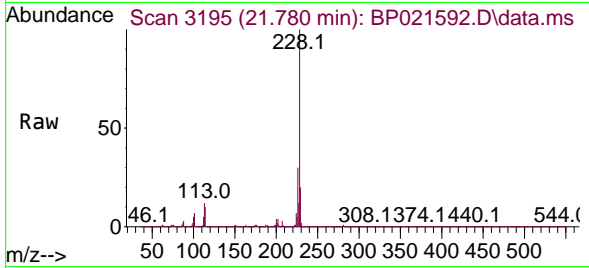
Tgt Ion:252 Resp: 1980659
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.7 77.5
 126 11.8 8.7 13.1





#83
 Chrysene
 Concen: 40.110 ng
 RT: 21.780 min Scan# 3190
 Delta R.T. 0.029 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

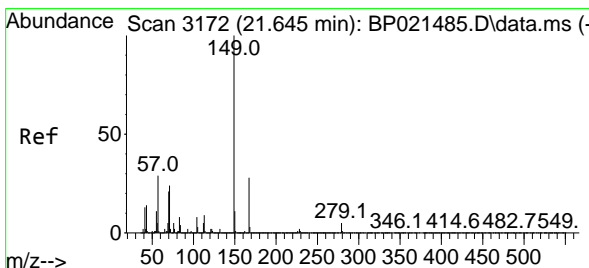
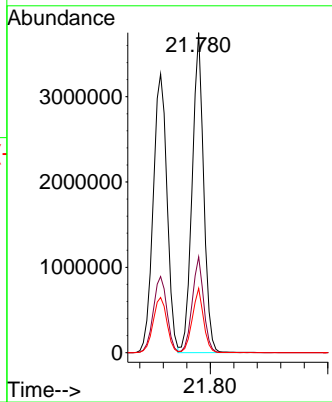
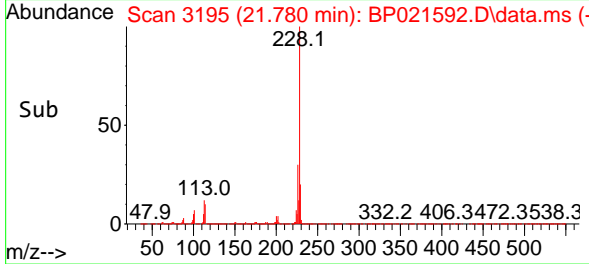
Instrument : BNA_P
 Client Sample Id : SSTDCCC040



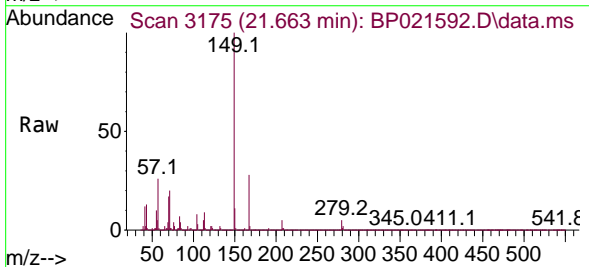
Tgt Ion: 228 Resp: 505771
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.9 35.9
 229 20.1 15.8 23.6

Manual Integrations
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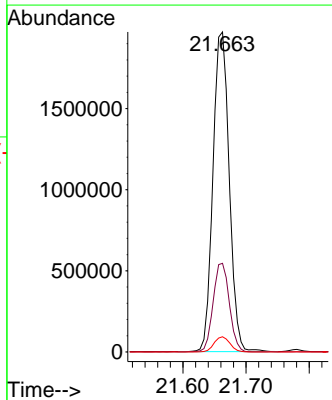
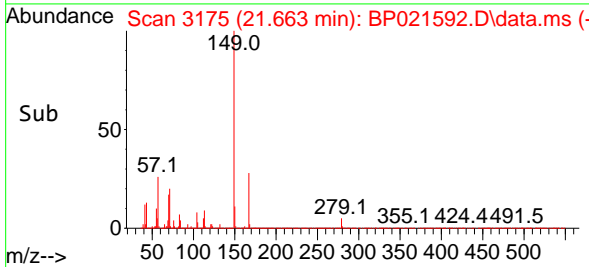
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

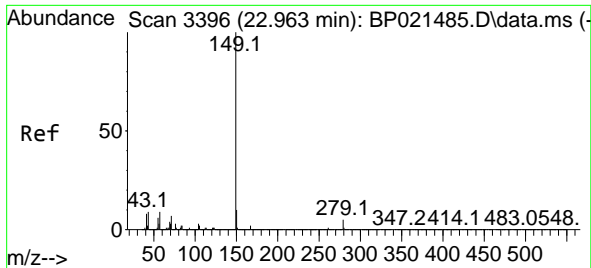


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.643 ng
 RT: 21.663 min Scan# 3175
 Delta R.T. 0.017 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



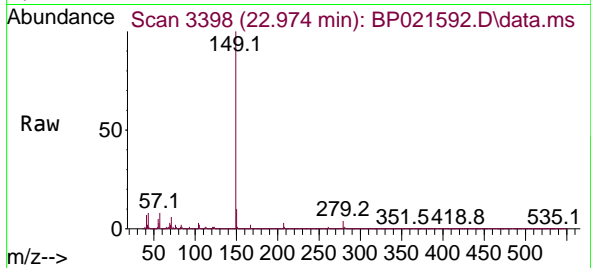
Tgt Ion: 149 Resp: 3523936
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.3 33.5
 279 4.8 3.8 5.6





#85
 Di-n-octyl phthalate
 Concen: 45.395 ng
 RT: 22.974 min Scan# 31
 Delta R.T. 0.011 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

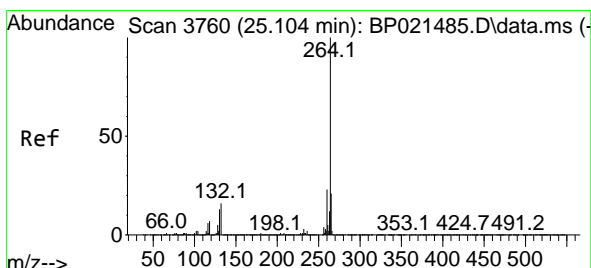
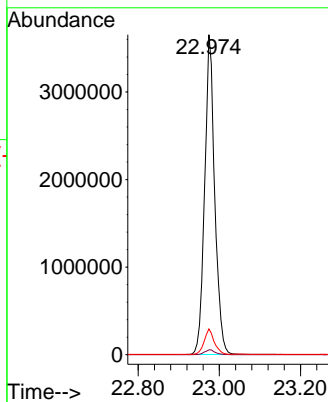
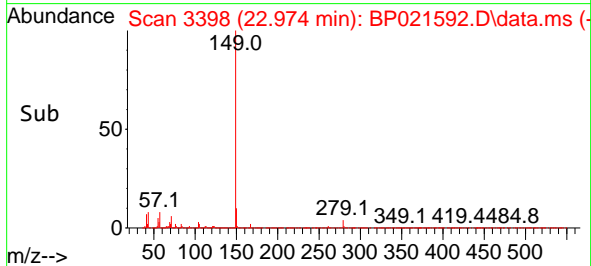
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



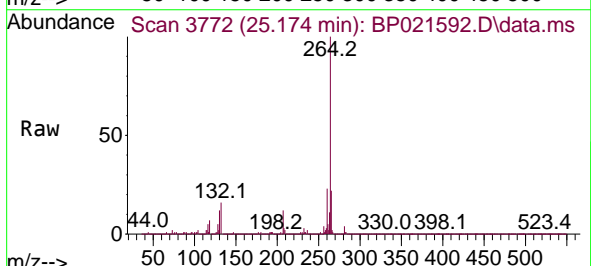
Tgt Ion:149 Resp: 6254114
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 7.9 7.3 10.9

Manual Integrations
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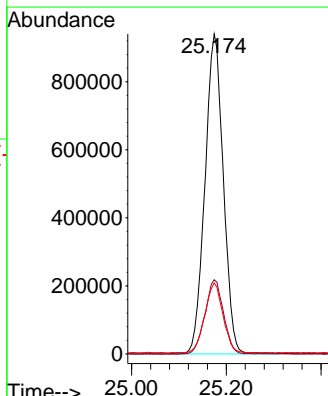
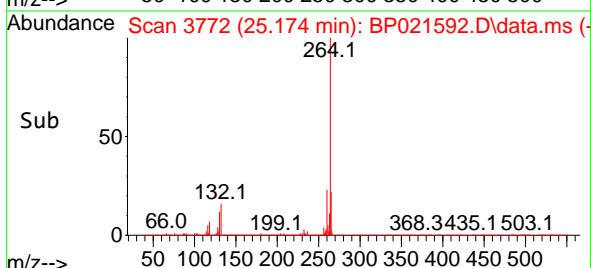
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

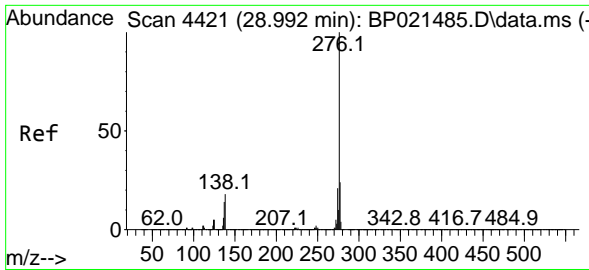


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.174 min Scan# 3772
 Delta R.T. 0.070 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



Tgt Ion:264 Resp: 2528931
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 22.2 17.1 25.7





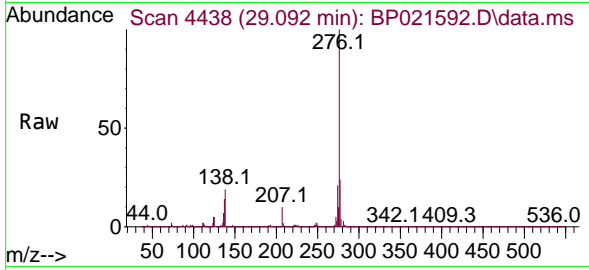
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.744 ng m
 RT: 29.092 min Scan# 4421
 Delta R.T. 0.100 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



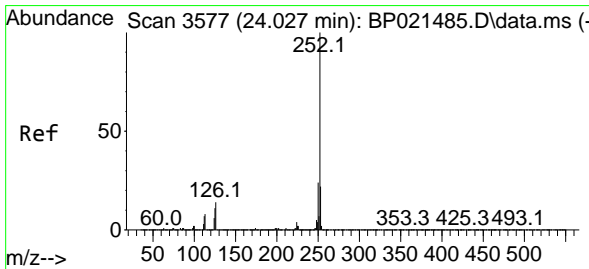
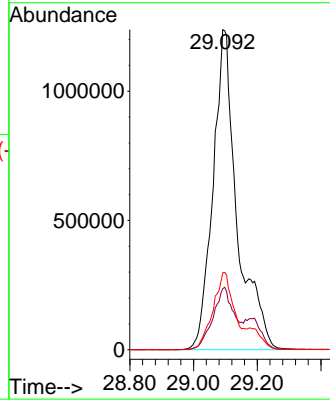
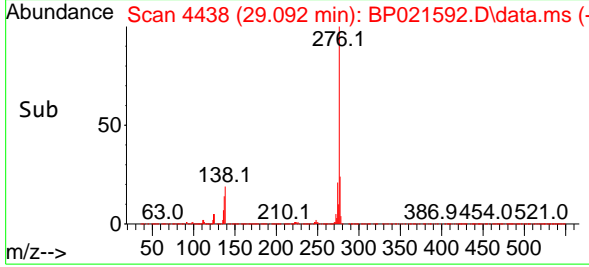
Tgt Ion: 276 Resp: 6515210
 Ion Ratio Lower Upper
 276 100
 138 17.7 12.8 19.2
 277 21.7 16.5 24.7

Manual Integrations

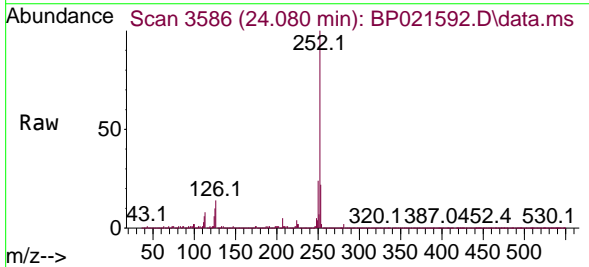
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

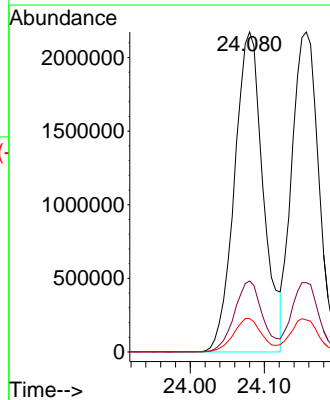
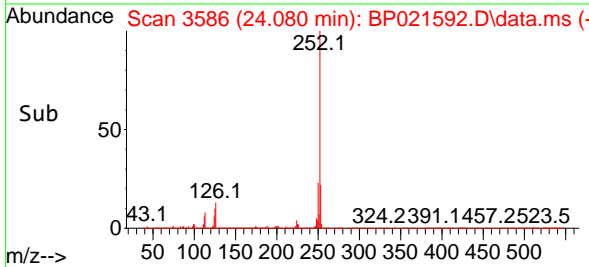
Supervised By :mohammad ahmed 08/22/2024

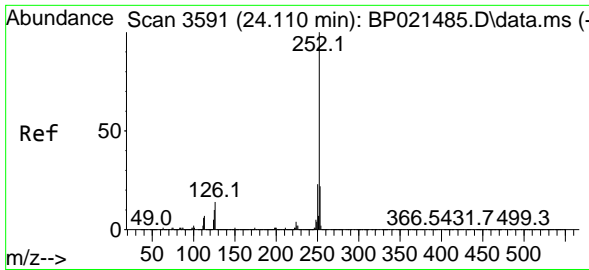


#88
 Benzo(b)fluoranthene
 Concen: 40.214 ng
 RT: 24.080 min Scan# 3586
 Delta R.T. 0.053 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



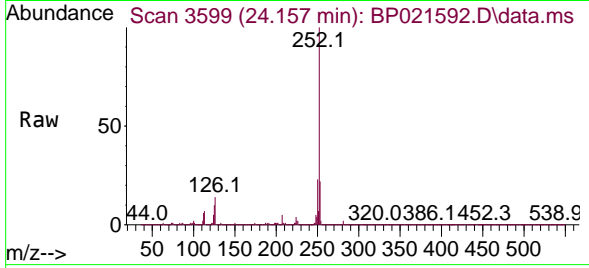
Tgt Ion: 252 Resp: 5840763
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.6 26.4
 125 10.5 8.6 13.0





#89
 Benzo(k)fluoranthene
 Concen: 38.472 ng
 RT: 24.157 min Scan# 31
 Delta R.T. 0.047 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

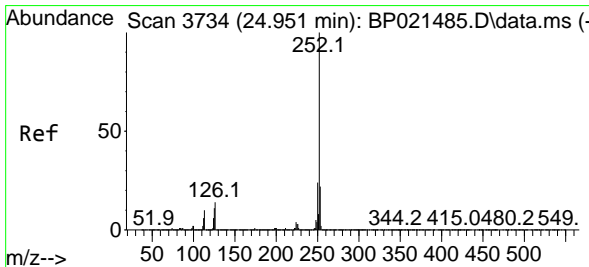
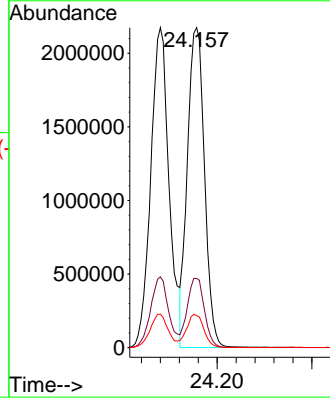
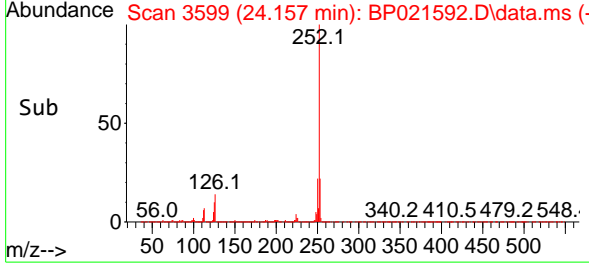
Instrument : BNA_P
 Client Sample Id : SSTDCCC040



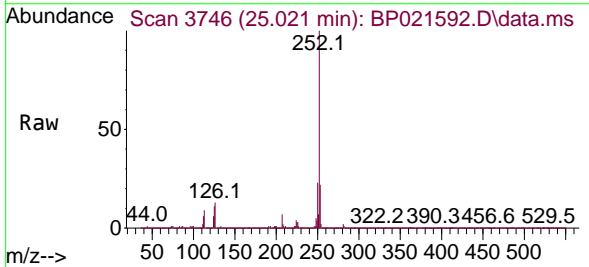
Tgt Ion: 252 Resp: 5450839
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.5 26.3
 125 10.0 7.8 11.8

Manual Integrations
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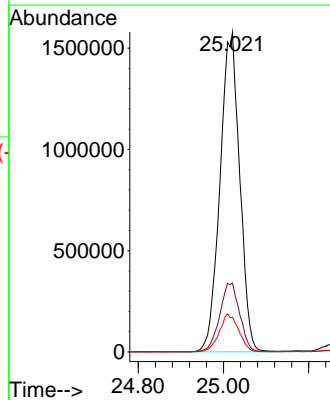
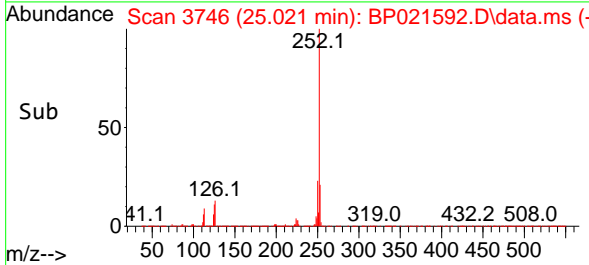
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

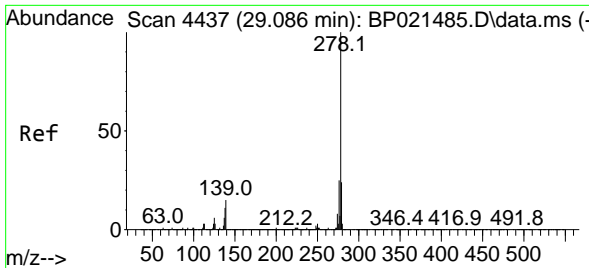


#90
 Benzo(a)pyrene
 Concen: 40.100 ng
 RT: 25.021 min Scan# 3746
 Delta R.T. 0.070 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



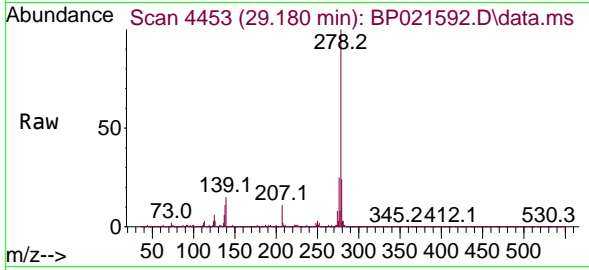
Tgt Ion: 252 Resp: 5054251
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.7 26.5
 125 10.9 8.7 13.1





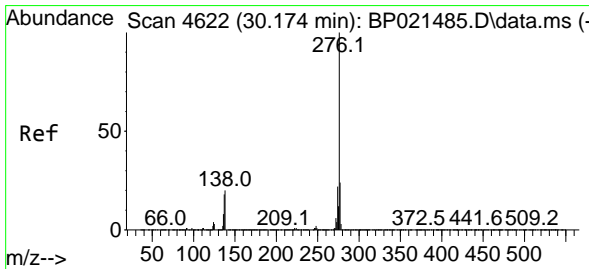
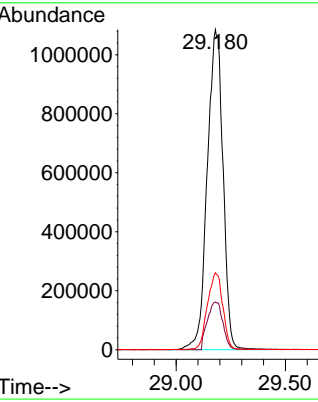
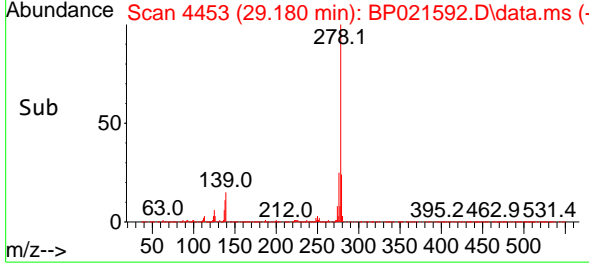
#91
 Dibenzo(a,h)anthracene
 Concen: 39.693 ng
 RT: 29.180 min Scan# 4437
 Delta R.T. 0.094 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10

Instrument : BNA_P
 ClientSampleId : SSTDCCC040

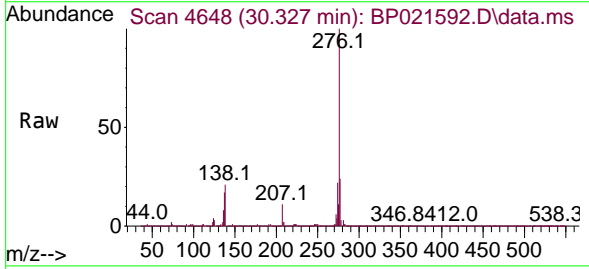


Tgt Ion: 278 Resp: 540644
 Ion Ratio Lower Upper
 278 100
 139 14.9 12.2 18.4
 279 24.0 19.1 28.7

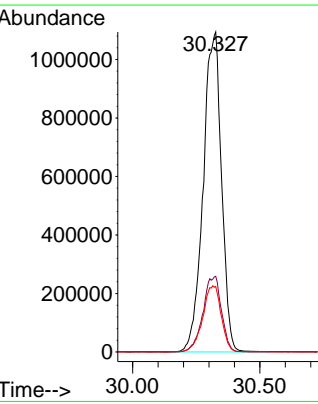
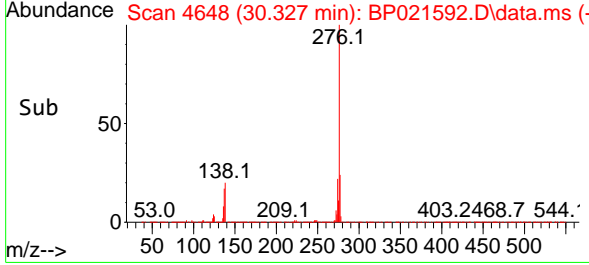
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024



#92
 Benzo(g,h,i)perylene
 Concen: 39.982 ng
 RT: 30.327 min Scan# 4648
 Delta R.T. 0.153 min
 Lab File: BP021592.D
 Acq: 21 Aug 2024 10:10



Tgt Ion: 276 Resp: 5458301
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.0 28.6
 138 20.5 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021592.D
 Acq On : 21 Aug 2024 10:10
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 21 10:57:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
2	1,4-Dioxane	0.639	0.574	10.2	80	0.00
3	Pyridine	1.783	1.611	9.6	80	0.01
4	n-Nitrosodimethylamine	0.536	0.507	5.4	85	0.00
5 S	2-Fluorophenol	1.347	1.386	-2.9	92	0.01
6	Aniline	1.964	1.787	9.0	81	0.00
7 S	Phenol-d6	1.965	1.977	-0.6	90	0.00
8	2-Chlorophenol	1.245	1.332	-7.0	96	0.00
9	Benzaldehyde	1.258	1.091	13.3	82	0.00
10 C	Phenol	2.035	2.006	1.4	88	0.01
11	bis(2-Chloroethyl)ether	1.722	1.517	11.9	80	0.00
12	1,3-Dichlorobenzene	1.479	1.460	1.3	90	0.00
13 C	1,4-Dichlorobenzene	1.493	1.480	0.9	90	0.00
14	1,2-Dichlorobenzene	1.439	1.415	1.7	90	0.00
15	Benzyl Alcohol	1.410	1.341	4.9	85	0.00
16	2,2'-oxybis(1-Chloropropane	1.585	1.387	12.5	80	0.00
17	2-Methylphenol	1.286	1.305	-1.5	91	0.00
18	Hexachloroethane	0.599	0.595	0.7	90	-0.01
19 P	n-Nitroso-di-n-propylamine	1.357	1.133	16.5	76	0.00
20	3+4-Methylphenols	1.734	1.825	-5.2	93	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	90	0.00
22	Acetophenone	0.614	0.585	4.7	86	0.00
23 S	Nitrobenzene-d5	0.387	0.422	-9.0	93	0.00
24	Nitrobenzene	0.421	0.431	-2.4	88	0.00
25	Isophorone	0.915	0.807	11.8	80	0.00
26 C	2-Nitrophenol	0.086	0.165	-91.9#	158#	0.00
27	2,4-Dimethylphenol	0.226	0.230	-1.8	92	0.00
28	bis(2-Chloroethoxy)methane	0.559	0.506	9.5	83	0.00
29 C	2,4-Dichlorophenol	0.267	0.303	-13.5	100	0.00
30	1,2,4-Trichlorobenzene	0.342	0.336	1.8	89	0.00
31	Naphthalene	1.045	1.044	0.1	91	0.00
32	Benzoic acid	0.137	0.276	-101.5#	192#	0.02
33	4-Chloroaniline	0.392	0.408	-4.1	93	0.00
34 C	Hexachlorobutadiene	0.215	0.205	4.7	86	0.00
35	Caprolactam	0.111	0.136	-22.5	108	0.02
36 C	4-Chloro-3-methylphenol	0.370	0.417	-12.7	98	0.00
37	2-Methylnaphthalene	0.713	0.713	0.0	91	-0.01
38	1-Methylnaphthalene	0.703	0.703	0.0	91	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	97	0.00
40	1,2,4,5-Tetrachlorobenzene	0.586	0.558	4.8	91	0.00
41 P	Hexachlorocyclopentadiene	0.186	0.174	6.5	88	-0.01
42 S	2,4,6-Tribromophenol	0.223	0.273	-22.4	112	0.00
43 C	2,4,6-Trichlorophenol	0.326	0.377	-15.6	107	0.00
44	2,4,5-Trichlorophenol	0.362	0.428	-18.2	108	0.00
45 S	2-Fluorobiphenyl	1.310	1.238	5.5	90	0.00
46	1,1'-Biphenyl	1.415	1.360	3.9	92	-0.01
47	2-Chloronaphthalene	1.102	1.067	3.2	93	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021592.D
 Acq On : 21 Aug 2024 10:10
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 21 10:57:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.256	0.361	-41.0#	123 0.00
49	Acenaphthylene	1.619	1.609	0.6	95 0.00
50	Dimethylphthalate	1.339	1.381	-3.1	99 0.00
51	2,6-Dinitrotoluene	0.232	0.317	-36.6#	120 -0.01
52 C	Acenaphthene	1.063	1.108	-4.2	100 0.00
53	3-Nitroaniline	0.228	0.332	-45.6#	126 -0.01
54 P	2,4-Dinitrophenol	0.069	0.149	-115.9#	220# 0.00
55	Dibenzofuran	1.635	1.652	-1.0	97 0.00
56 P	4-Nitrophenol	0.195	0.307	-57.4#	148 0.00
57	2,4-Dinitrotoluene	0.284	0.455	-60.2#	138 0.00
58	Fluorene	1.343	1.339	0.3	96 0.00
59	2,3,4,6-Tetrachlorophenol	0.307	0.378	-23.1	112 0.00
60	Diethylphthalate	1.374	1.430	-4.1	99 -0.01
61	4-Chlorophenyl-phenylether	0.694	0.673	3.0	94 0.00
62	4-Nitroaniline	0.241	0.362	-50.2#	129 0.00
63	Azobenzene	1.689	1.523	9.8	86 0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	105 0.01
65	4,6-Dinitro-2-methylphenol	0.054	0.096	-77.8#	194# 0.02
66 c	n-Nitrosodiphenylamine	0.536	0.508	5.2	99 -0.01
67	4-Bromophenyl-phenylether	0.212	0.196	7.5	99 -0.01
68	Hexachlorobenzene	0.250	0.235	6.0	98 0.00
69	Atrazine	0.184	0.147	20.1	81 -0.01
70 C	Pentachlorophenol	0.137	0.170	-24.1#	130 0.01
71	Phenanthrene	0.962	0.954	0.8	104 0.00
72	Anthracene	0.943	0.939	0.4	104 0.00
73	Carbazole	0.909	0.951	-4.6	107 0.01
74	Di-n-butylphthalate	1.116	1.157	-3.7	106 0.01
75 C	Fluoranthene	1.180	1.267	-7.4	111 0.01
76 I	Chrysene-d12	1.000	1.000	0.0	117 0.04
77	Benzidine	0.420	0.512	-21.9	126 0.00
78	Pyrene	1.307	1.288	1.5	117 0.02
79 S	Terphenyl-d14	1.029	0.947	8.0	110 0.01
80	Butylbenzylphthalate	0.437	0.538	-23.1	134 0.00
81	Benzo(a)anthracene	1.256	1.256	0.0	116 0.04
82	3,3'-Dichlorobenzidine	0.403	0.465	-15.4	127 0.01
83	Chrysene	1.185	1.189	-0.3	116 0.03
84	Bis(2-ethylhexyl)phthalate	0.742	0.828	-11.6	124 0.02
85 c	Di-n-octyl phthalate	1.199	1.470	-22.6#	138 0.01
86 I	Perylene-d12	1.000	1.000	0.0	121 0.07
87	Indeno(1,2,3-cd)pyrene	1.296	1.288	0.6	118 0.10
88	Benzo(b)fluoranthene	1.149	1.155	-0.5	121 0.05
89	Benzo(k)fluoranthene	1.121	1.078	3.8	115 0.05
90 C	Benzo(a)pyrene	0.997	0.999	-0.2	120 0.07
91	Dibenzo(a,h)anthracene	1.077	1.069	0.7	118 0.09
92	Benzo(g,h,i)perylene	1.080	1.079	0.1	119 0.15

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021592.D
 Acq On : 21 Aug 2024 10:10
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
LabSampleId :
 SSTDCCC040

Quant Time: Aug 21 10:57:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 3

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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021592.D
 Acq On : 21 Aug 2024 10:10
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 21 10:57:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	90	0.00
2	1,4-Dioxane	40.000	35.937	10.2	80	0.00
3	Pyridine	40.000	36.141	9.6	80	0.01
4	n-Nitrosodimethylamine	40.000	37.833	5.4	85	0.00
5 S	2-Fluorophenol	80.000	82.321	-2.9	92	0.01
6	Aniline	40.000	36.394	9.0	81	0.00
7 S	Phenol-d6	80.000	80.509	-0.6	90	0.00
8	2-Chlorophenol	40.000	42.802	-7.0	96	0.00
9	Benzaldehyde	40.000	34.700	13.2	82	0.00
10 C	Phenol	40.000	39.444	1.4	88	0.01
11	bis(2-Chloroethyl)ether	40.000	35.234	11.9	80	0.00
12	1,3-Dichlorobenzene	40.000	39.503	1.2	90	0.00
13 C	1,4-Dichlorobenzene	40.000	39.653	0.9	90	0.00
14	1,2-Dichlorobenzene	40.000	39.353	1.6	90	0.00
15	Benzyl Alcohol	40.000	38.053	4.9	85	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	35.001	12.5	80	0.00
17	2-Methylphenol	40.000	40.583	-1.5	91	0.00
18	Hexachloroethane	40.000	39.727	0.7	90	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	33.388	16.5	76	0.00
20	3+4-Methylphenols	40.000	42.089	-5.2	93	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	90	0.00
22	Acetophenone	40.000	38.102	4.7	86	0.00
23 S	Nitrobenzene-d5	80.000	87.029	-8.8	93	0.00
24	Nitrobenzene	40.000	40.964	-2.4	88	0.00
25	Isophorone	40.000	35.261	11.8	80	0.00
26 C	2-Nitrophenol	40.000	56.798	-42.0#	158	0.00
27	2,4-Dimethylphenol	40.000	40.790	-2.0	92	0.00
28	bis(2-Chloroethoxy)methane	40.000	36.190	9.5	83	0.00
29 C	2,4-Dichlorophenol	40.000	45.336	-13.3	100	0.00
30	1,2,4-Trichlorobenzene	40.000	39.317	1.7	89	0.00
31	Naphthalene	40.000	39.970	0.1	91	0.00
32	Benzoic acid	40.000	64.978	-62.4#	192	0.02
33	4-Chloroaniline	40.000	41.616	-4.0	93	0.00
34 C	Hexachlorobutadiene	40.000	38.130	4.7	86	0.00
35	Caprolactam	40.000	48.925	-22.3	108	0.02
36 C	4-Chloro-3-methylphenol	40.000	45.052	-12.6	98	0.00
37	2-Methylnaphthalene	40.000	39.970	0.1	91	-0.01
38	1-Methylnaphthalene	40.000	39.995	0.0	91	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	97	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.094	4.8	91	0.00
41 P	Hexachlorocyclopentadiene	40.000	37.390	6.5	88	-0.01
42 S	2,4,6-Tribromophenol	80.000	98.133	-22.7	112	0.00
43 C	2,4,6-Trichlorophenol	40.000	46.343	-15.9	107	0.00
44	2,4,5-Trichlorophenol	40.000	47.290	-18.2	108	0.00
45 S	2-Fluorobiphenyl	80.000	75.582	5.5	90	0.00
46	1,1'-Biphenyl	40.000	38.444	3.9	92	-0.01
47	2-Chloronaphthalene	40.000	38.735	3.2	93	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021592.D
 Acq On : 21 Aug 2024 10:10
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Aug 21 10:57:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	46.878	-17.2	123 0.00
49	Acenaphthylene	40.000	39.740	0.6	95 0.00
50	Dimethylphthalate	40.000	41.239	-3.1	99 0.00
51	2,6-Dinitrotoluene	40.000	47.006	-17.5	120 -0.01
52 C	Acenaphthene	40.000	41.720	-4.3	100 0.00
53	3-Nitroaniline	40.000	49.787	-24.5	126 -0.01
54 P	2,4-Dinitrophenol	40.000	68.565	-71.4#	220 0.00
55	Dibenzofuran	40.000	40.431	-1.1	97 0.00
56 P	4-Nitrophenol	40.000	56.857	-42.1#	148 0.00
57	2,4-Dinitrotoluene	40.000	52.475	-31.2#	138 0.00
58	Fluorene	40.000	39.883	0.3	96 0.00
59	2,3,4,6-Tetrachlorophenol	40.000	49.225	-23.1	112 0.00
60	Diethylphthalate	40.000	41.619	-4.0	99 -0.01
61	4-Chlorophenyl-phenylether	40.000	38.791	3.0	94 0.00
62	4-Nitroaniline	40.000	52.720	-31.8#	129 0.00
63	Azobenzene	40.000	36.052	9.9	86 0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	105 0.01
65	4,6-Dinitro-2-methylphenol	40.000	59.143	-47.9#	194 0.02
66 c	n-Nitrosodiphenylamine	40.000	37.876	5.3	99 -0.01
67	4-Bromophenyl-phenylether	40.000	36.976	7.6	99 -0.01
68	Hexachlorobenzene	40.000	37.644	5.9	98 0.00
69	Atrazine	40.000	31.922	20.2	81 -0.01
70 C	Pentachlorophenol	40.000	49.701	-24.3#	130 0.01
71	Phenanthrene	40.000	39.667	0.8	104 0.00
72	Anthracene	40.000	39.819	0.5	104 0.00
73	Carbazole	40.000	41.855	-4.6	107 0.01
74	Di-n-butylphthalate	40.000	41.468	-3.7	106 0.01
75 C	Fluoranthene	40.000	42.956	-7.4	111 0.01
76 I	Chrysene-d12	20.000	20.000	0.0	117 0.04
77	Benzidine	40.000	44.381	-11.0	126 0.00
78	Pyrene	40.000	39.410	1.5	117 0.02
79 S	Terphenyl-d14	80.000	73.593	8.0	110 0.01
80	Butylbenzylphthalate	40.000	43.759	-9.4	134 0.00
81	Benzo(a)anthracene	40.000	40.017	-0.0	116 0.04
82	3,3'-Dichlorobenzidine	40.000	46.254	-15.6	127 0.01
83	Chrysene	40.000	40.110	-0.3	116 0.03
84	Bis(2-ethylhexyl)phthalate	40.000	44.643	-11.6	124 0.02
85 c	Di-n-octyl phthalate	40.000	45.395	-13.5	138 0.01
86 I	Perylene-d12	20.000	20.000	0.0	121 0.07
87	Indeno(1,2,3-cd)pyrene	40.000	39.744	0.6	118 0.10
88	Benzo(b)fluoranthene	40.000	40.214	-0.5	121 0.05
89	Benzo(k)fluoranthene	40.000	38.472	3.8	115 0.05
90 C	Benzo(a)pyrene	40.000	40.100	-0.3	120 0.07
91	Dibenzo(a,h)anthracene	40.000	39.693	0.8	118 0.09
92	Benzo(g,h,i)perylene	40.000	39.982	0.0	119 0.15

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
Data File : BP021592.D
Acq On : 21 Aug 2024 10:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 21 10:57:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound Amount Calc. %Dev Area% Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 2

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QC SAMPLE DATA

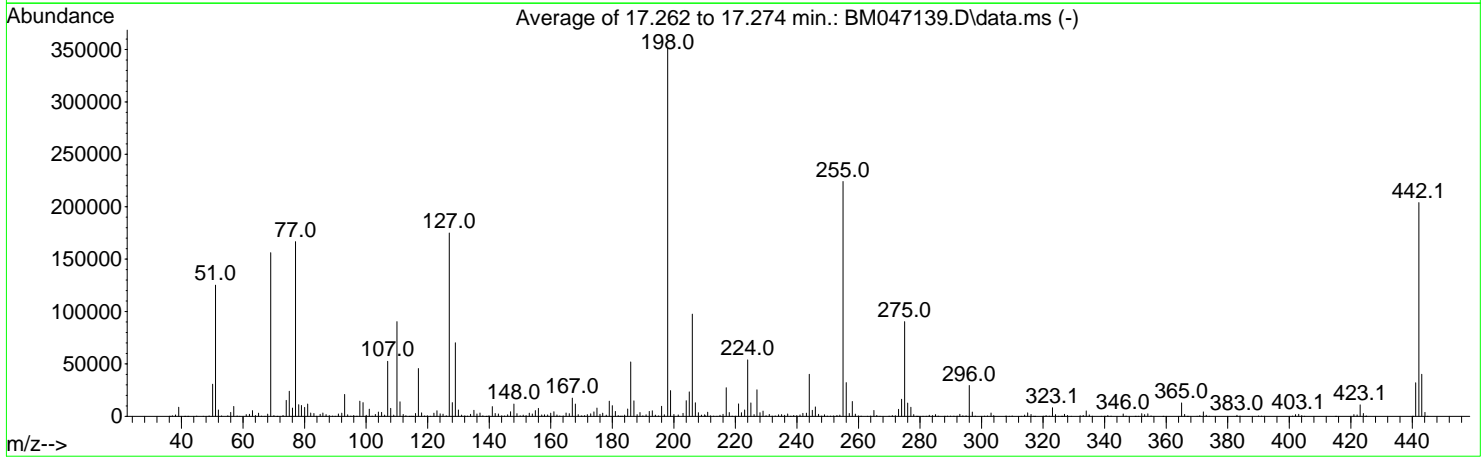
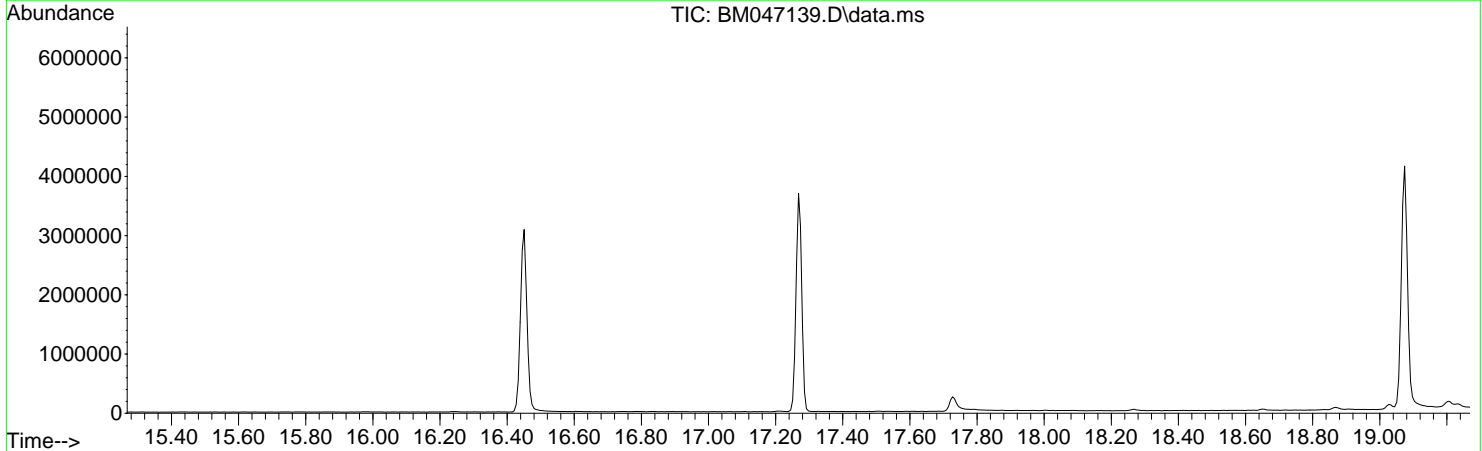
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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047139.D
 Acq On : 10 Aug 2024 12:26
 Operator : RC/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Sun Aug 11 23:47:58 2024



AutoFind: Scans 2444, 2445, 2446; Background Corrected with Scan 2437

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	35.7	125256	PASS
68	69	0.00	2	1.3	2089	PASS
69	198	0.00	100	44.5	156224	PASS
70	69	0.00	2	0.5	803	PASS
127	198	10	80	49.9	174976	PASS
197	198	0.00	2	0.4	1460	PASS
198	198	100	100	100.0	350933	PASS
199	198	5	9	7.0	24517	PASS
275	198	10	60	25.8	90373	PASS
365	198	1	100	3.6	12789	PASS
441	198	0.01	100	9.2	32133	PASS
442	442	50	100	100.0	203891	PASS
443	442	15	24	19.7	40160	PASS

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Instrument :
BNA_M
ClientSampleId :
DFTPP

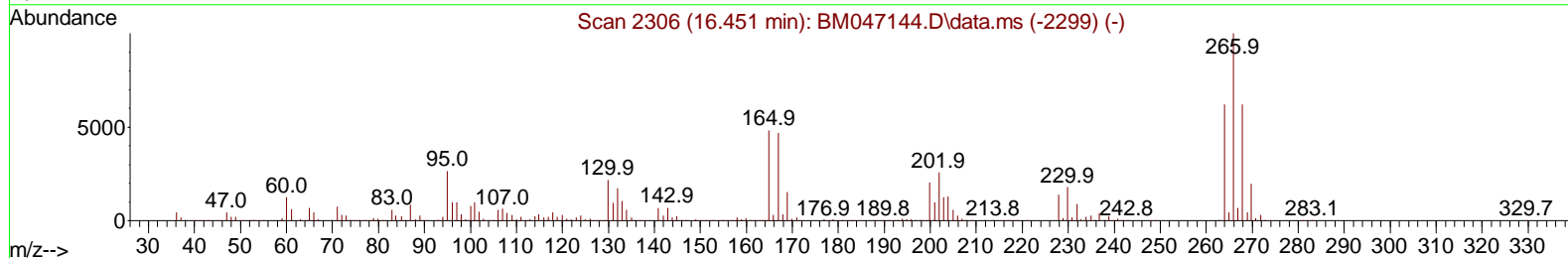
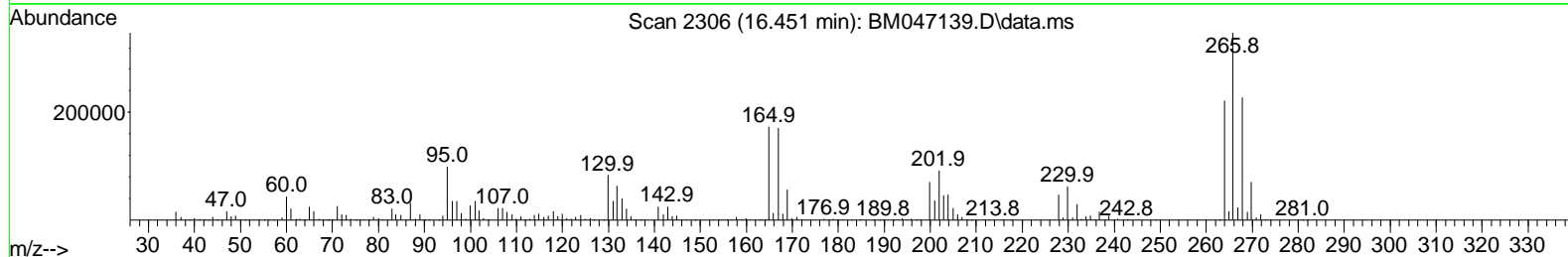
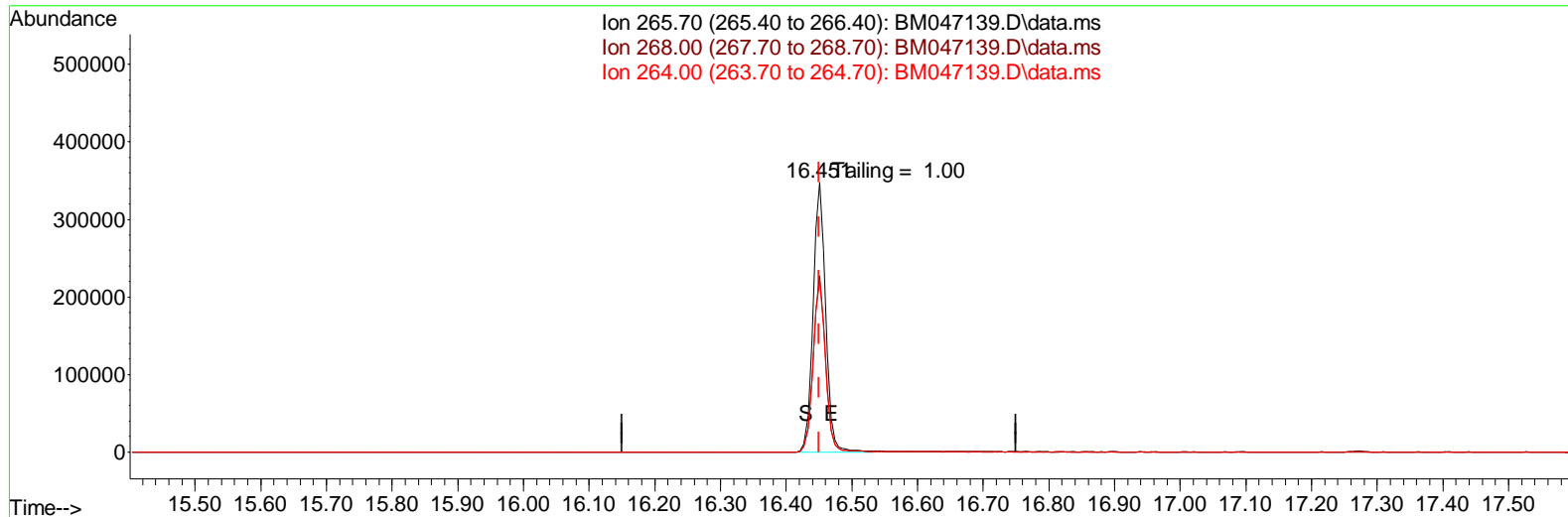
DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/10/2024	BNA_M	<u>BM047139.D</u>
Compound Name	Response	Retention Time
DDT	1324125	20.321
DDD	17903	19.927
DDE	740	19.362
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
18643	1342768	1.39

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047139.D
 Acq On : 10 Aug 2024 12:26
 Operator : RC/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DFTPP

Quant Time: Aug 12 01:52:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration



TIC: BM047139.D\data.ms

(70) Pentachlorophenol (C)

16.451min (-0.000) 14982.60 ng

response 465922

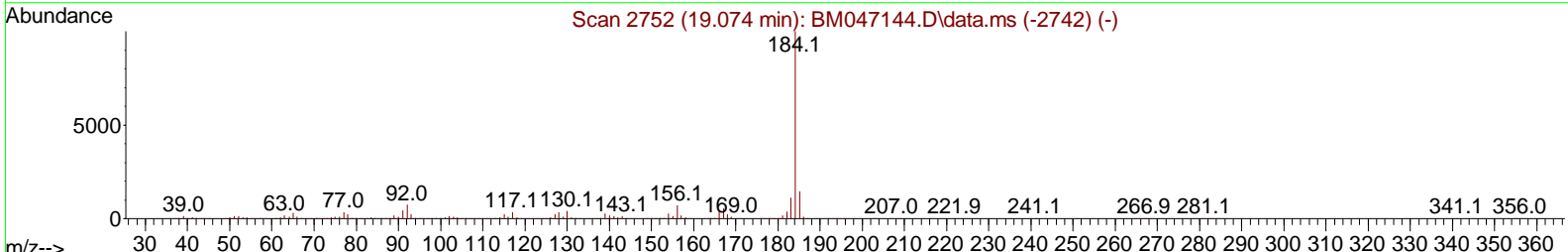
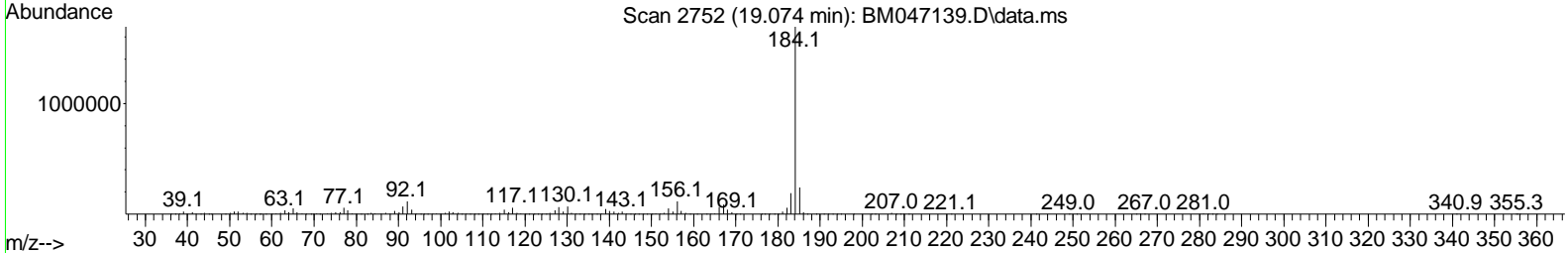
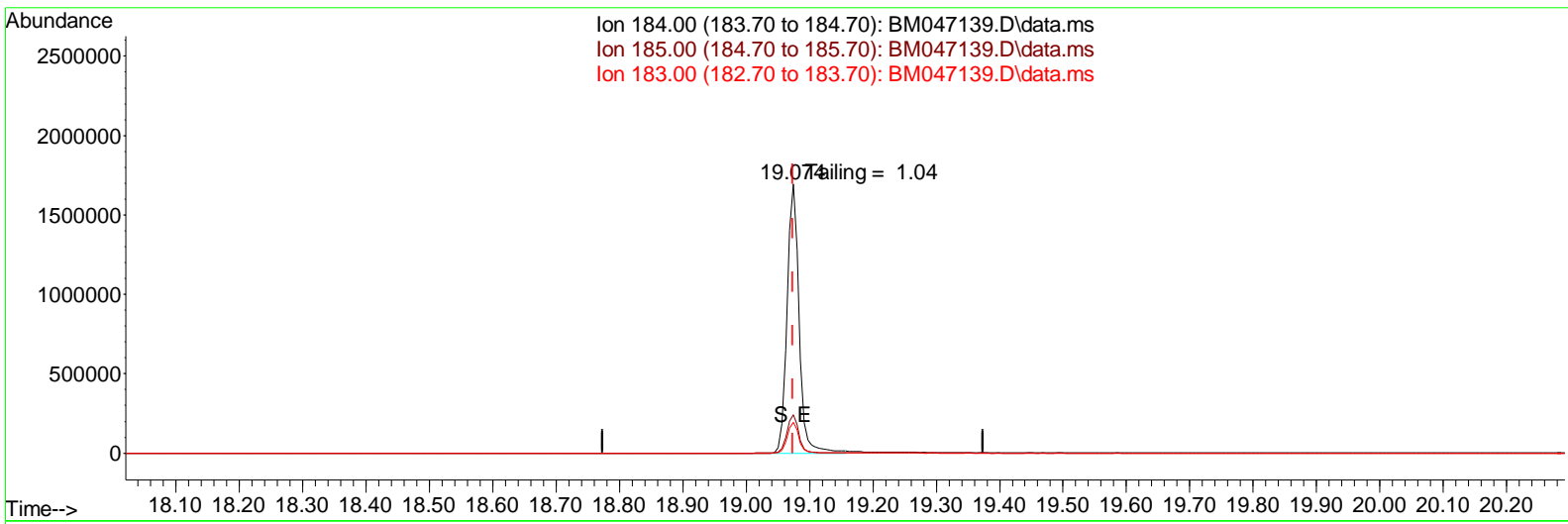
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.20	65.50
264.00	62.00	63.60
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047139.D
 Acq On : 10 Aug 2024 12:26
 Operator : RC/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DFTPP

Quant Time: Aug 12 01:52:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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TIC: BM047139.D\data.ms

(77) Benzidine

19.074min (-0.000) 6495.62 ng

response 2296747

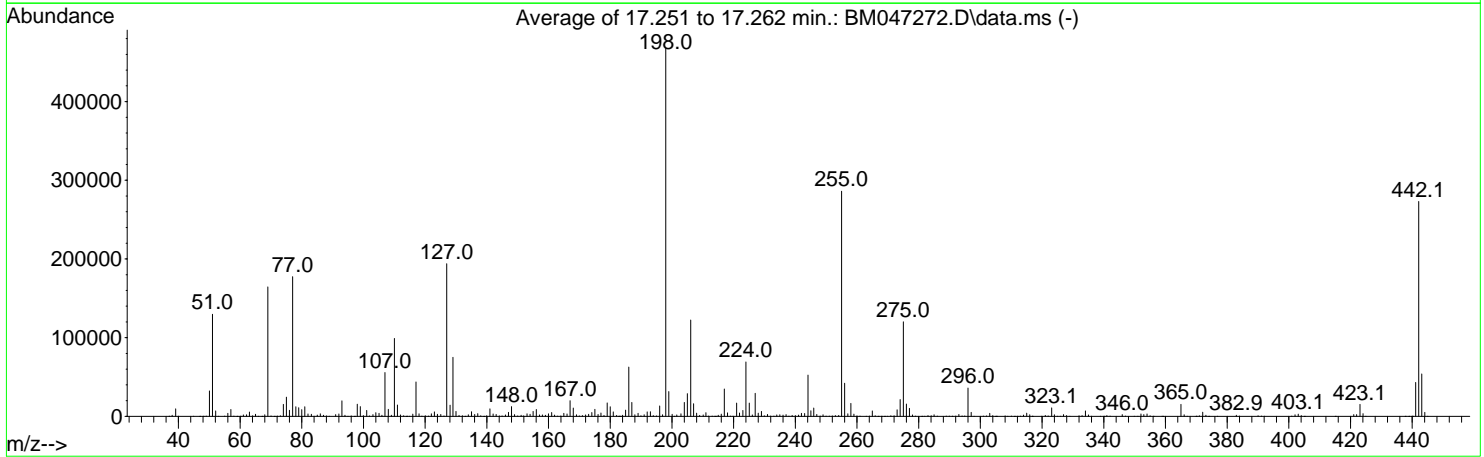
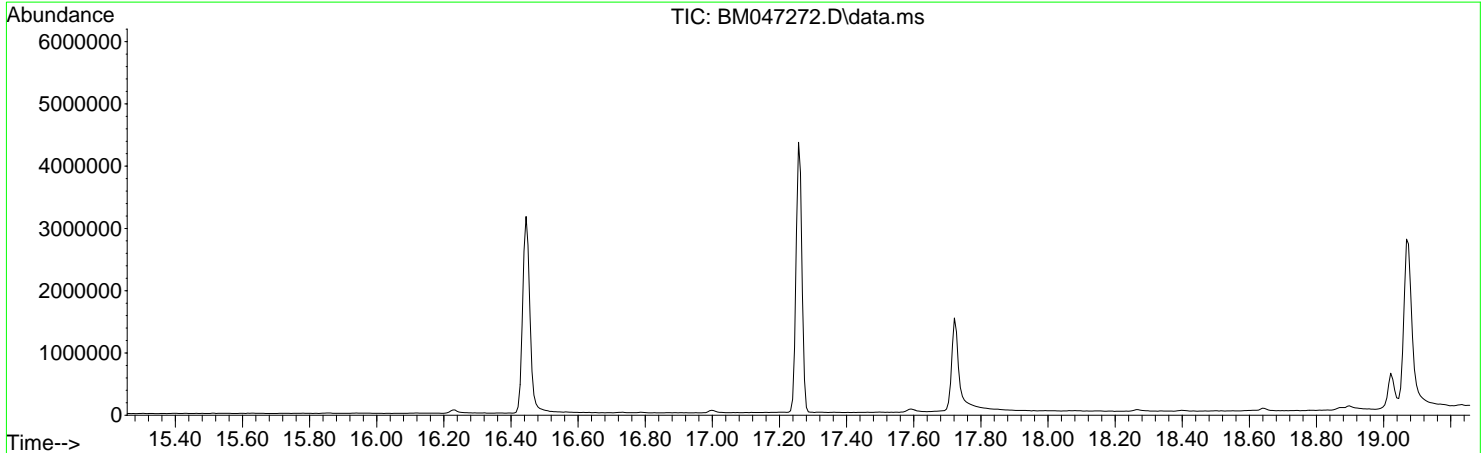
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.34
183.00	11.30	11.36
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047272.D
 Acq On : 20 Aug 2024 15:35
 Operator : RC/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Sun Aug 11 23:47:58 2024



AutoFind: Scans 2442, 2443, 2444; Background Corrected with Scan 2435

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	27.7	129703	PASS
68	69	0.00	2	1.3	2093	PASS
69	198	0.00	100	35.2	164504	PASS
70	69	0.00	2	0.4	648	PASS
127	198	10	80	41.5	193906	PASS
197	198	0.00	2	0.4	2004	PASS
198	198	100	100	100.0	467435	PASS
199	198	5	9	6.7	31467	PASS
275	198	10	60	25.7	120144	PASS
365	198	1	100	3.3	15332	PASS
441	198	0.01	100	9.2	43072	PASS
442	442	50	100	100.0	273109	PASS
443	442	15	24	19.8	53989	PASS

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Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

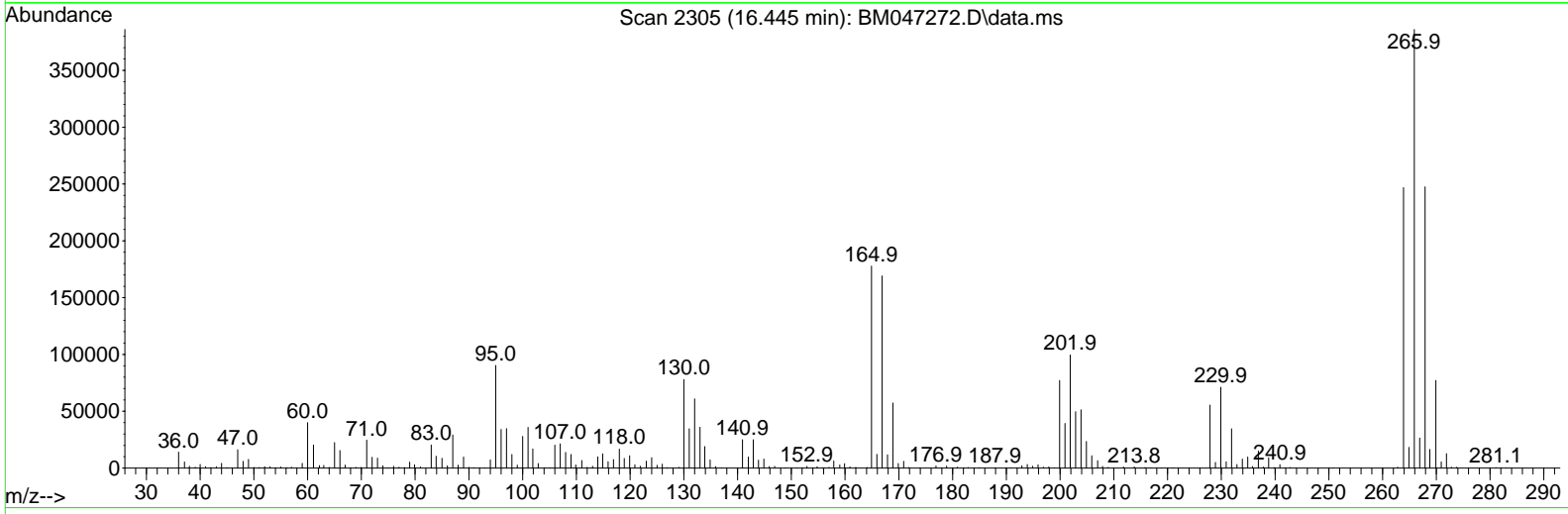
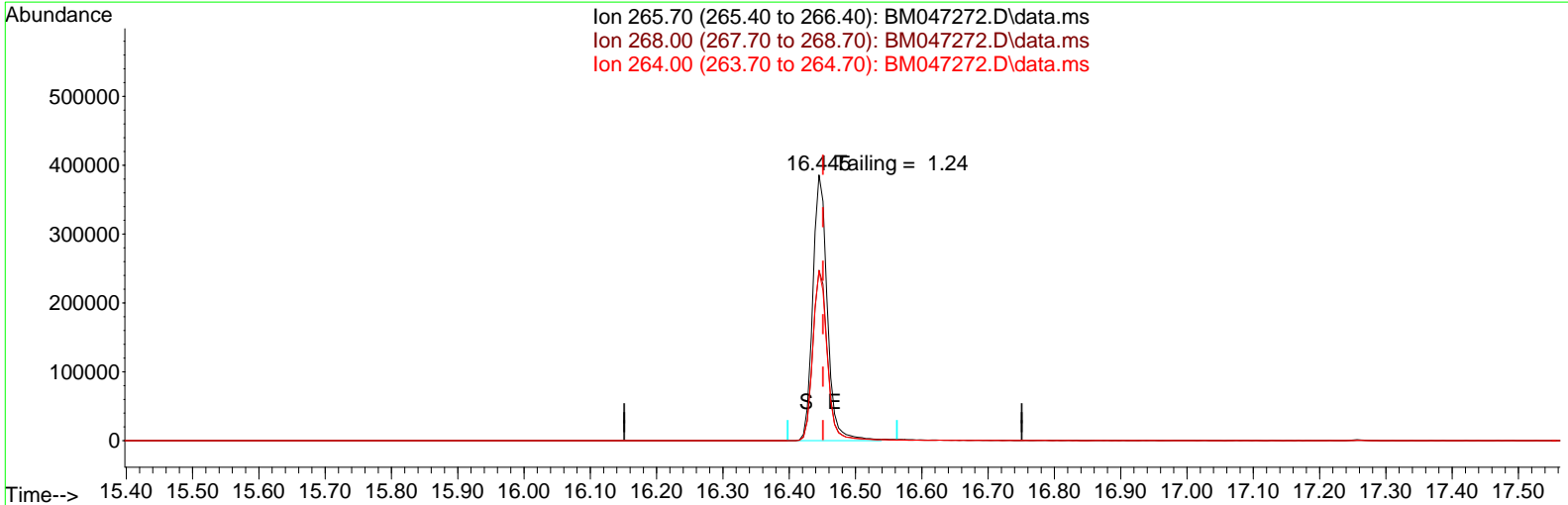
DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/20/2024	BNA_M	<u>BM047272.D</u>
Compound Name	Response	Retention Time
DDT	1424618	20.315
DDD	68922	19.874
DDE	3372	19.356
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
72294	1496912	4.83

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047272.D
 Acq On : 20 Aug 2024 15:35
 Operator : RC/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DFTPP

Quant Time: Aug 20 16:33:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration



TIC: BM047272.D\data.ms

(70) Pentachlorophenol (C)

16.445min (-0.006) 238508.50 ng

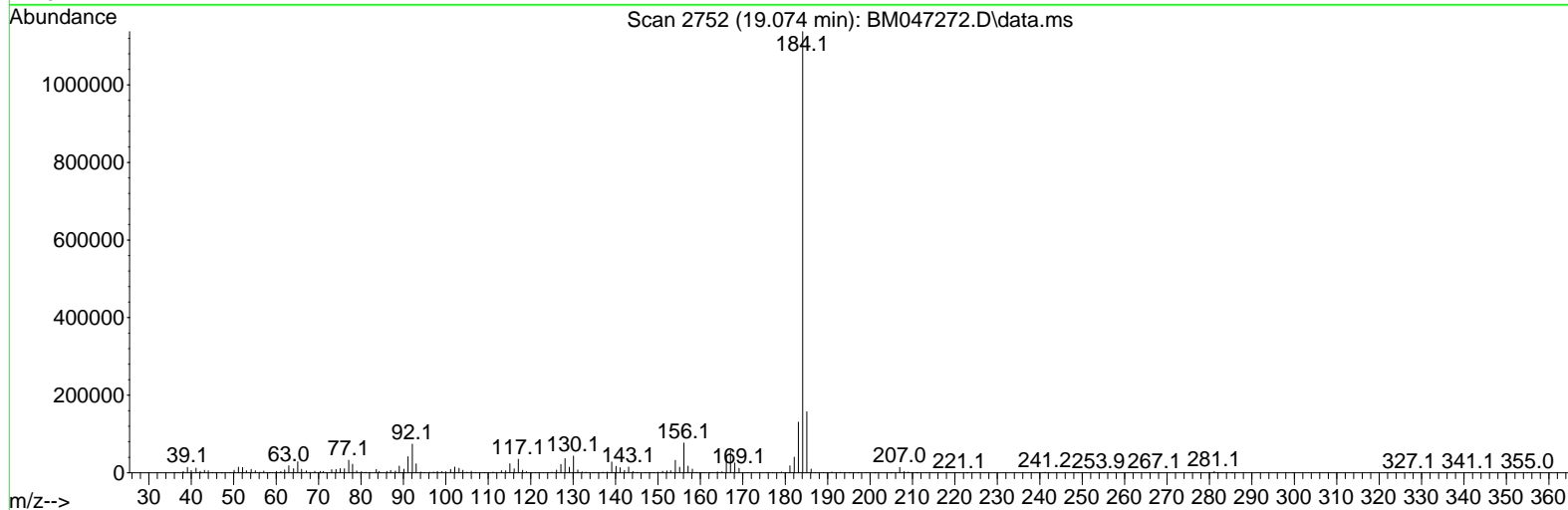
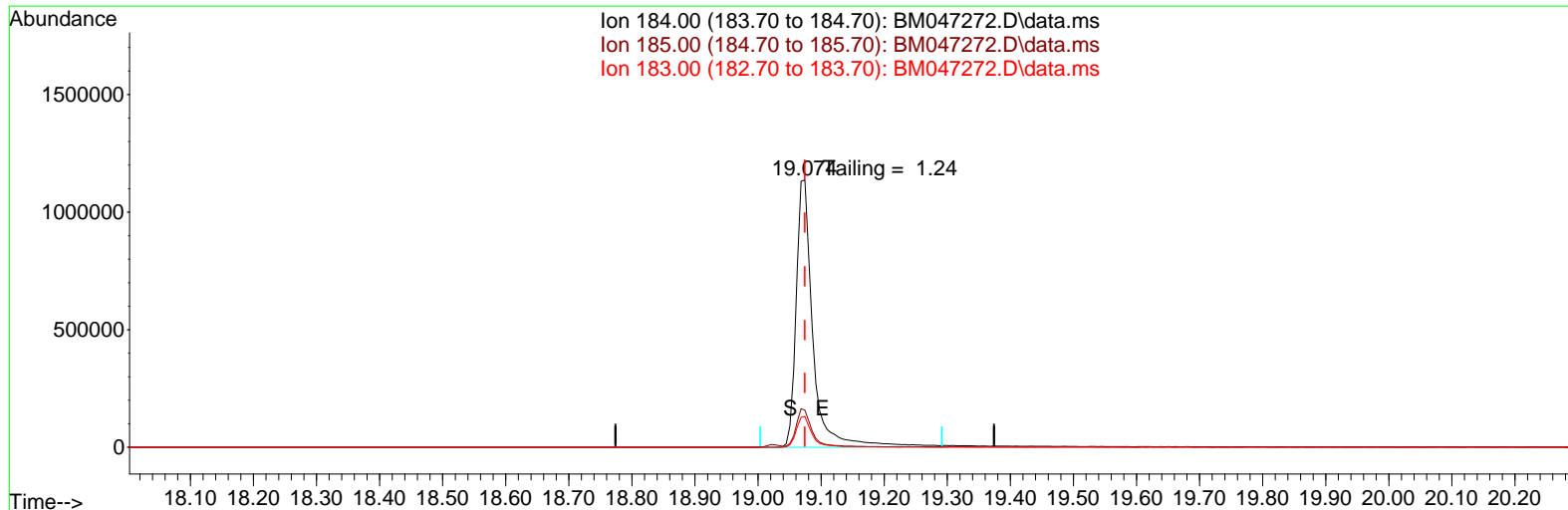
response 588500

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.20	64.14
264.00	62.00	63.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047272.D
 Acq On : 20 Aug 2024 15:35
 Operator : RC/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DFTPP

Quant Time: Aug 20 16:33:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration



TIC: BM047272.D\data.ms

(77) Benzidine

19.074min (-0.000) 24392.62 ng

response 2127873

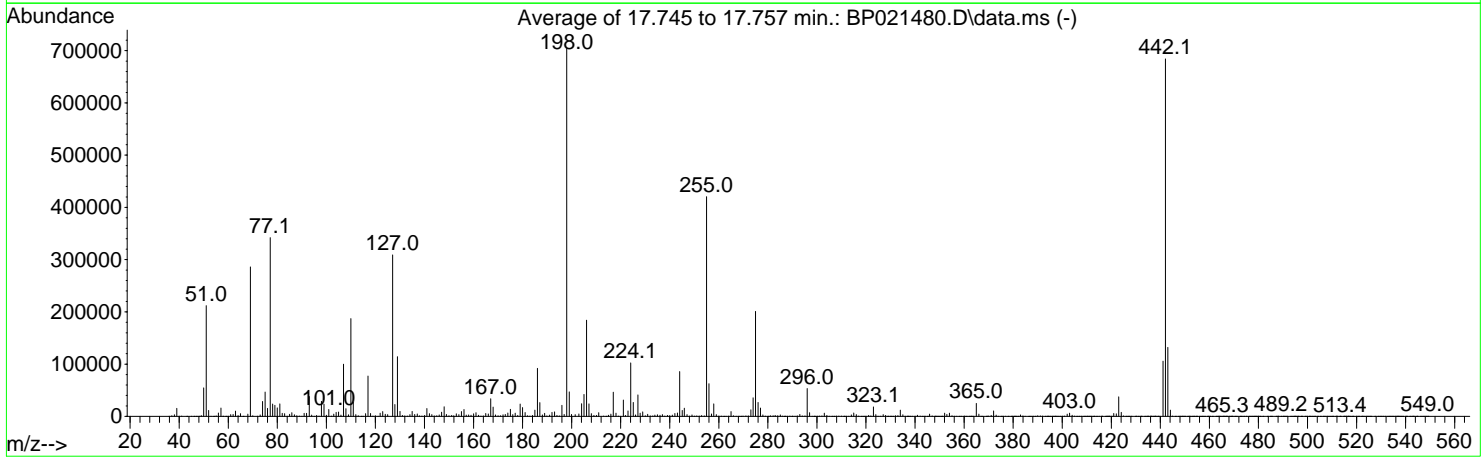
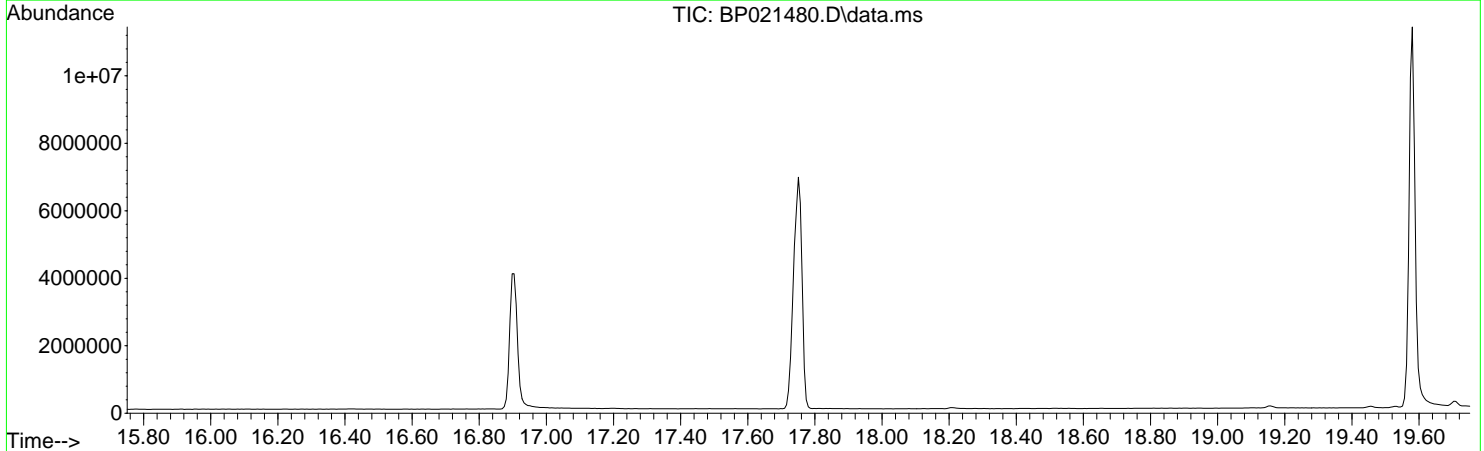
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	13.84
183.00	11.30	11.50
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021480.D
 Acq On : 13 Aug 2024 11:49
 Operator : RC/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Aug 14 00:00:30 2024



AutoFind: Scans 2509, 2510, 2511; Background Corrected with Scan 2499

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	30.1	212028	PASS
68	69	0.00	2	1.5	4256	PASS
69	198	0.00	100	40.6	286100	PASS
70	69	0.00	2	0.4	1197	PASS
127	198	10	80	43.9	309160	PASS
197	198	0.00	2	0.5	3666	PASS
198	198	100	100	100.0	704123	PASS
199	198	5	9	6.6	46731	PASS
275	198	10	60	28.5	200892	PASS
365	198	1	100	3.5	24968	PASS
441	198	0.01	100	15.0	105600	PASS
442	442	100	100	100.0	684335	PASS
443	442	15	24	19.3	131982	PASS

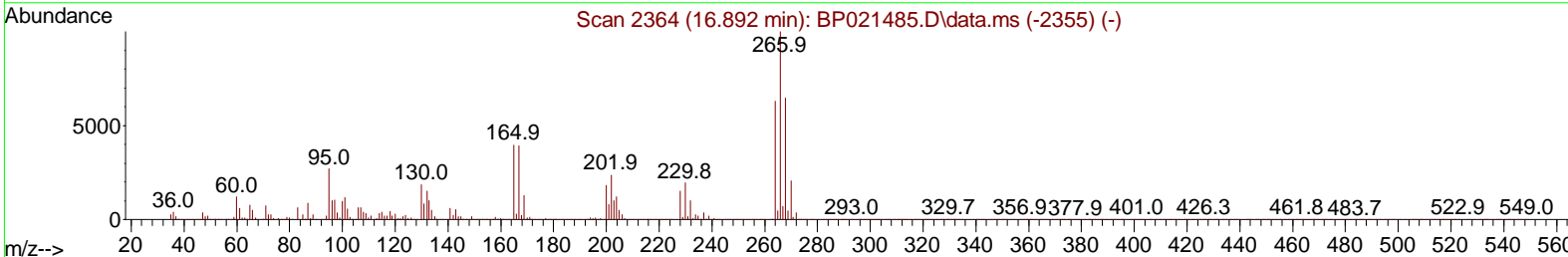
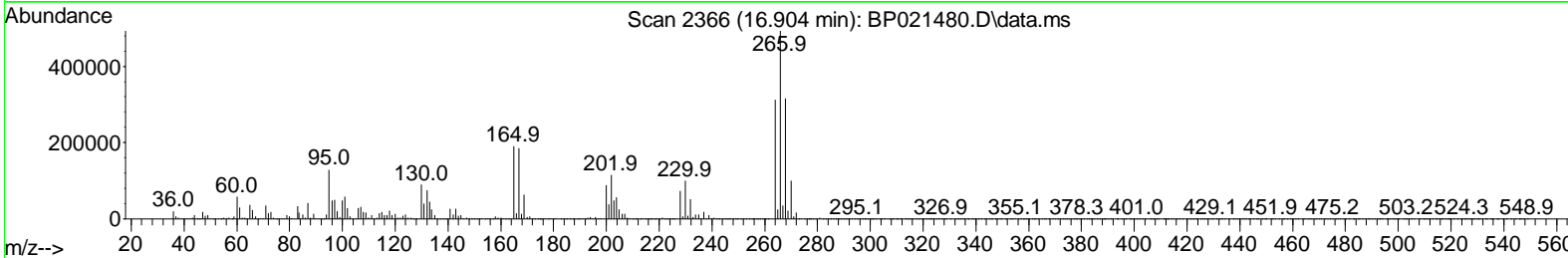
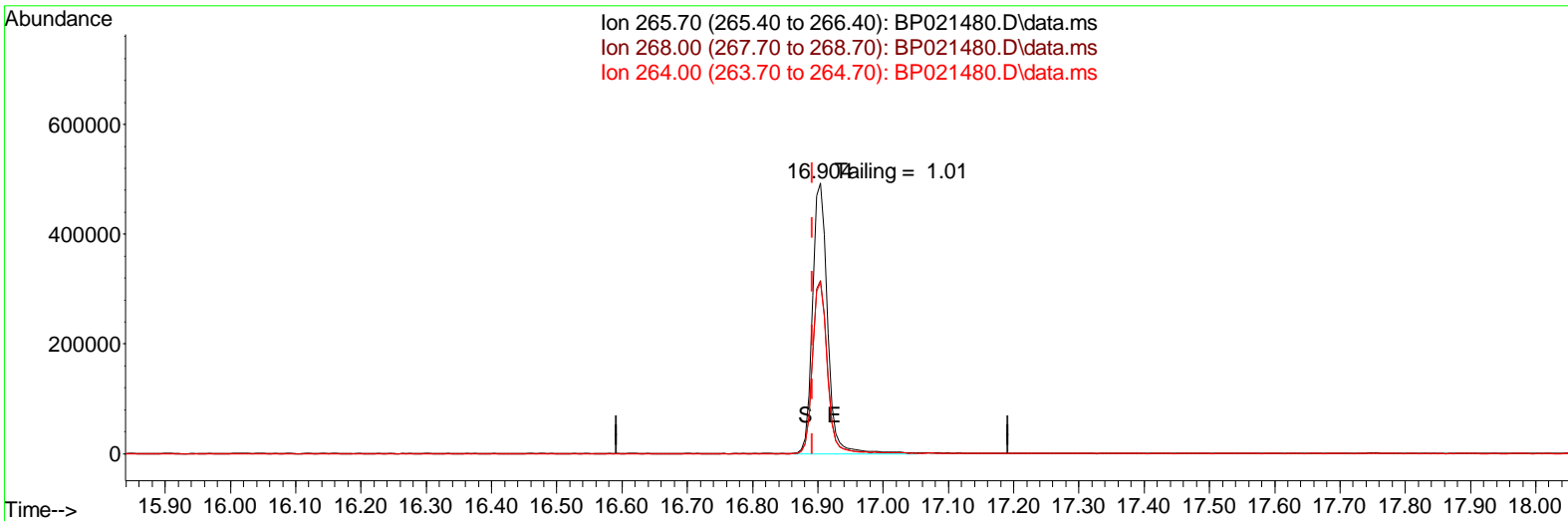
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021480.D
 Acq On : 13 Aug 2024 11:49
 Operator : RC/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 DFTPP

Quant Time: Aug 14 00:14:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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TIC: BP021480.D\data.ms

(70) Pentachlorophenol (C)

16.904min (+ 0.012) 6855729.98 ng

response 795611

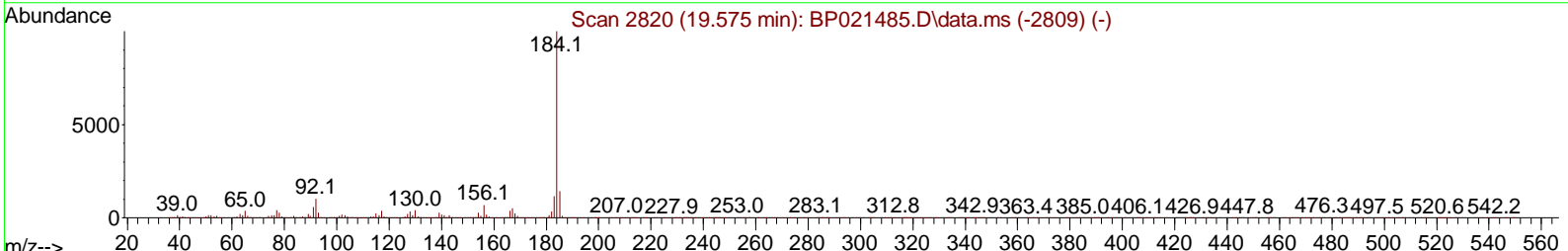
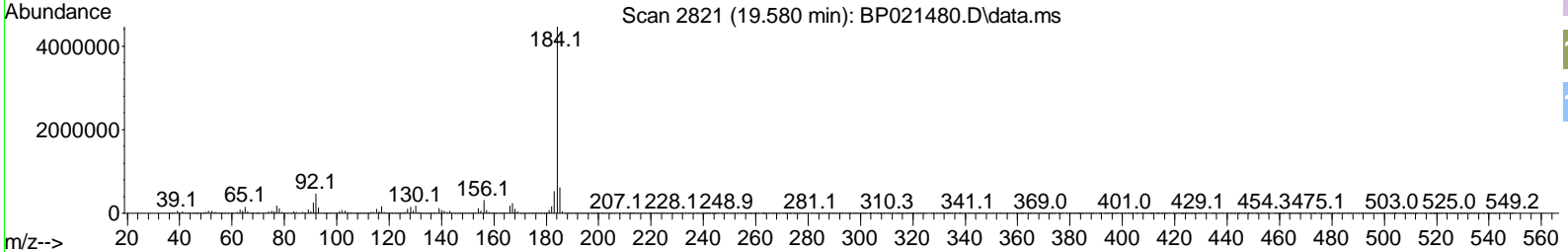
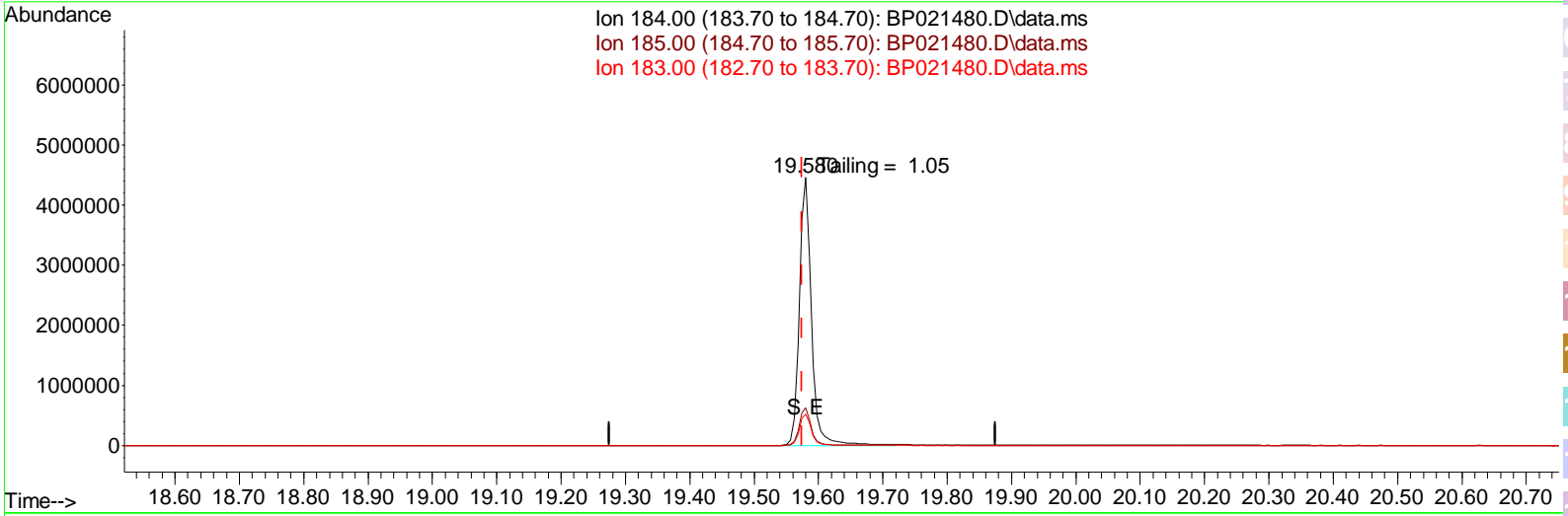
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.70	64.10
264.00	63.10	63.36
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021480.D
 Acq On : 13 Aug 2024 11:49
 Operator : RC/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 DFTPP

Quant Time: Aug 14 00:14:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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TIC: BP021480.D\data.ms

(77) Benzidine

19.580min (+ 0.005) -20.00 ng

response 5830874

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.20	14.05
183.00	11.60	11.75
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

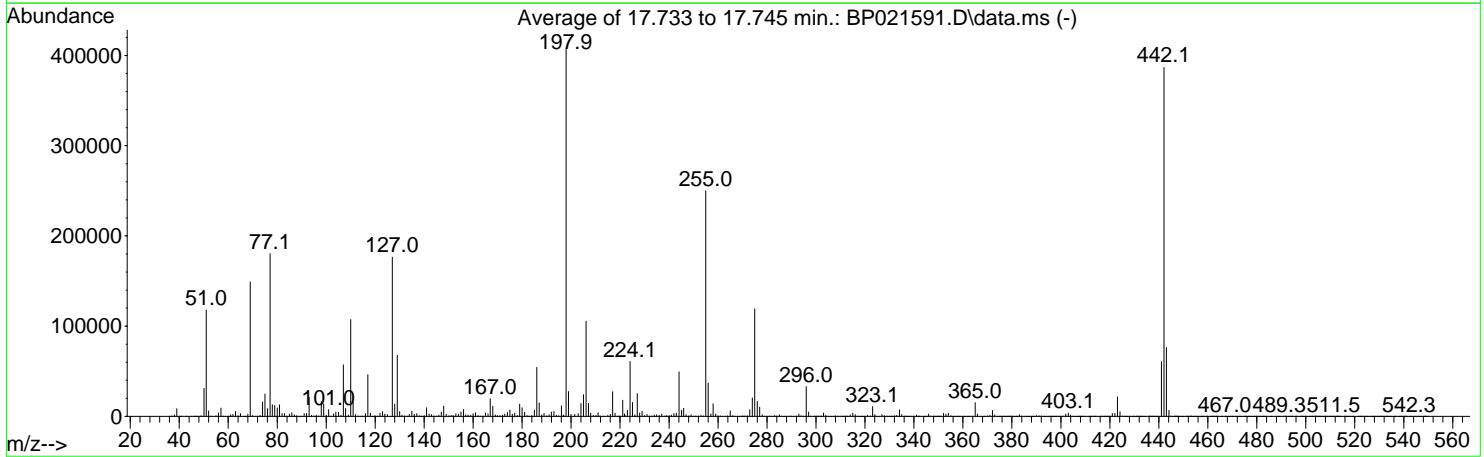
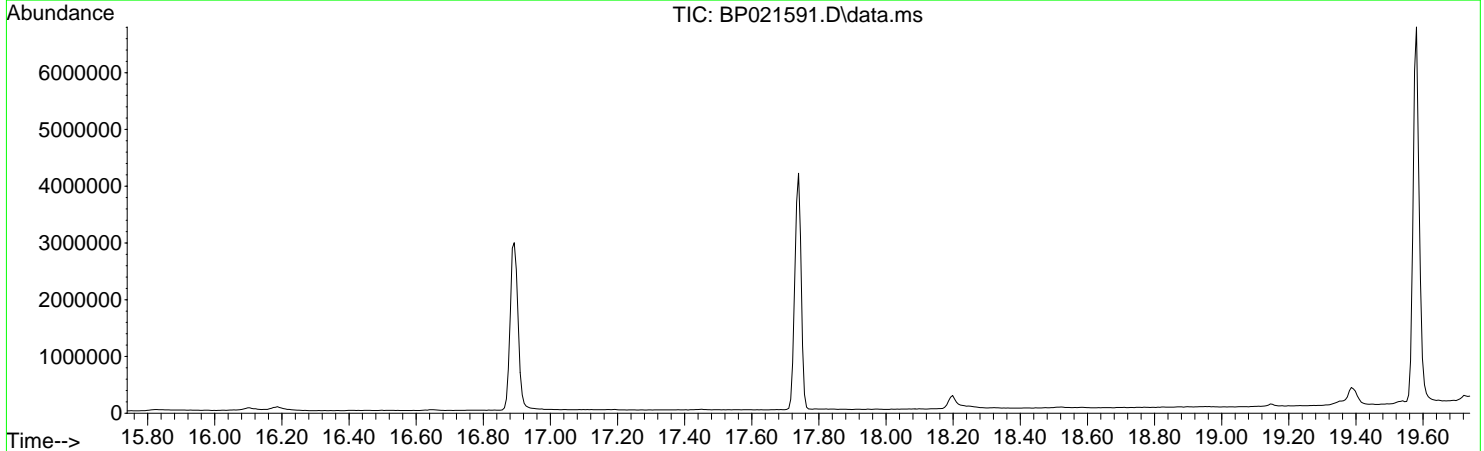
Date	Instrument Name	DFTPP Data File
8/13/2024	BNA_P	<u>BP021480.D</u>
Compound Name	Response	Retention Time
DDT	2081689	20.88
DDD	17224	20.486
DDE	158	19.962
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
17382	2099071	0.83

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021591.D
 Acq On : 21 Aug 2024 09:28
 Operator : RC/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Aug 14 00:00:30 2024



AutoFind: Scans 2507, 2508, 2509; Background Corrected with Scan 2493

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	28.9	117899	PASS
68	69	0.00	2	1.7	2470	PASS
69	198	0.00	100	36.5	148969	PASS
70	69	0.00	2	0.6	879	PASS
127	198	10	80	43.3	176509	PASS
197	198	0.00	2	0.3	1413	PASS
198	198	100	100	100.0	407755	PASS
199	198	5	9	6.7	27510	PASS
275	198	10	60	29.2	119232	PASS
365	198	1	100	3.7	15281	PASS
441	198	0.01	100	14.9	60589	PASS
442	442	100	100	100.0	386880	PASS
443	442	15	24	19.7	76245	PASS

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Instrument :
BNA_P
ClientSampleId :
DFTPP

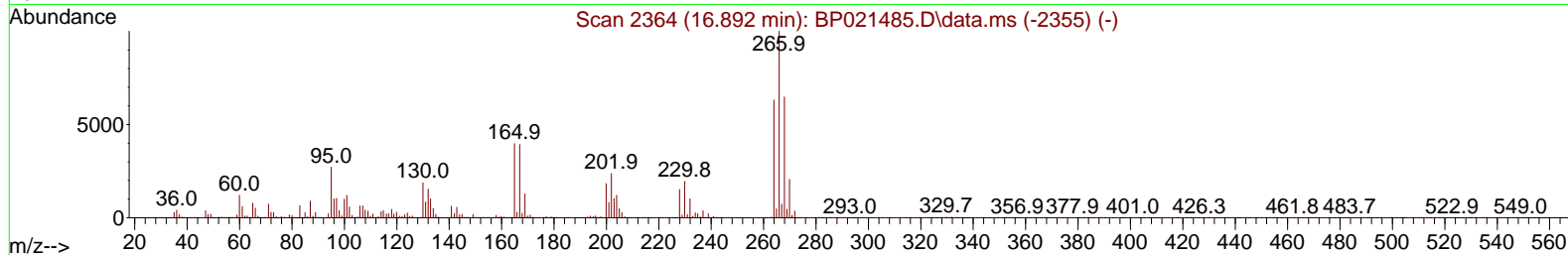
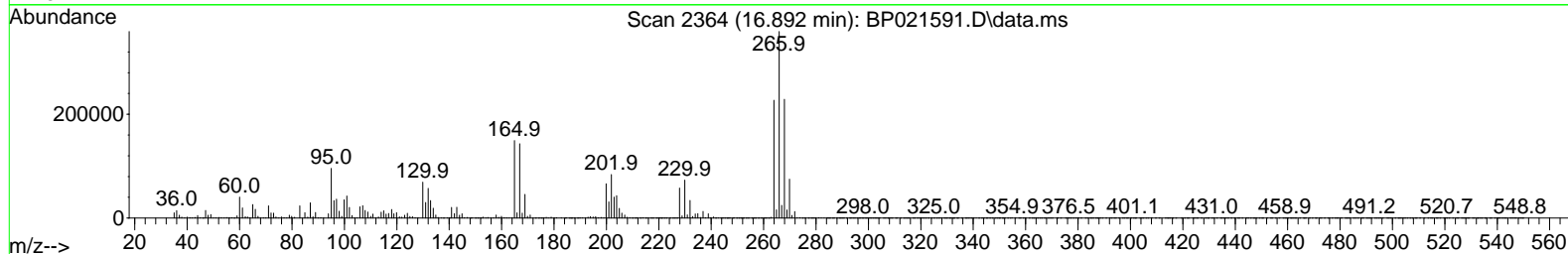
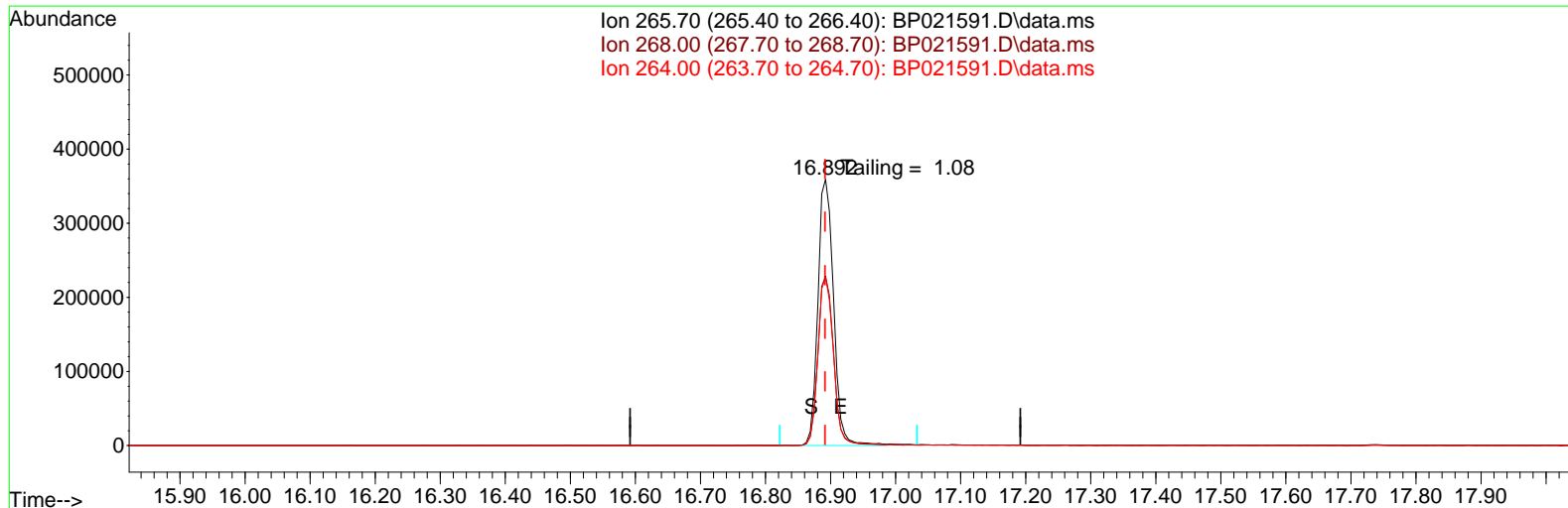
DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/21/2024	BNA_P	<u>BP021591.D</u>
Compound Name	Response	Retention Time
DDT	1571840	20.886
DDD	77683	20.416
DDE	1329	19.892
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
79012	1650852	4.79

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021591.D
 Acq On : 21 Aug 2024 09:28
 Operator : RC/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DFTPP

Quant Time: Aug 21 18:32:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration



TIC: BP021591.D\data.ms

(70) Pentachlorophenol (C)

16.892min (+ 0.000) 350778.96 ng

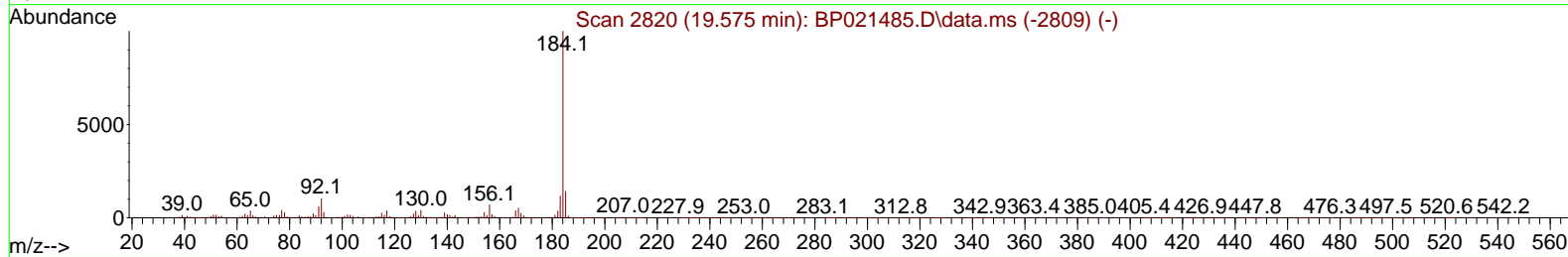
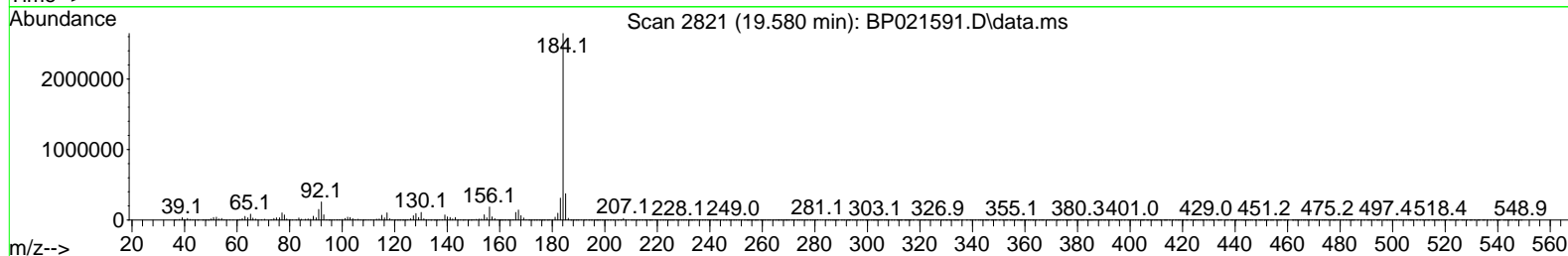
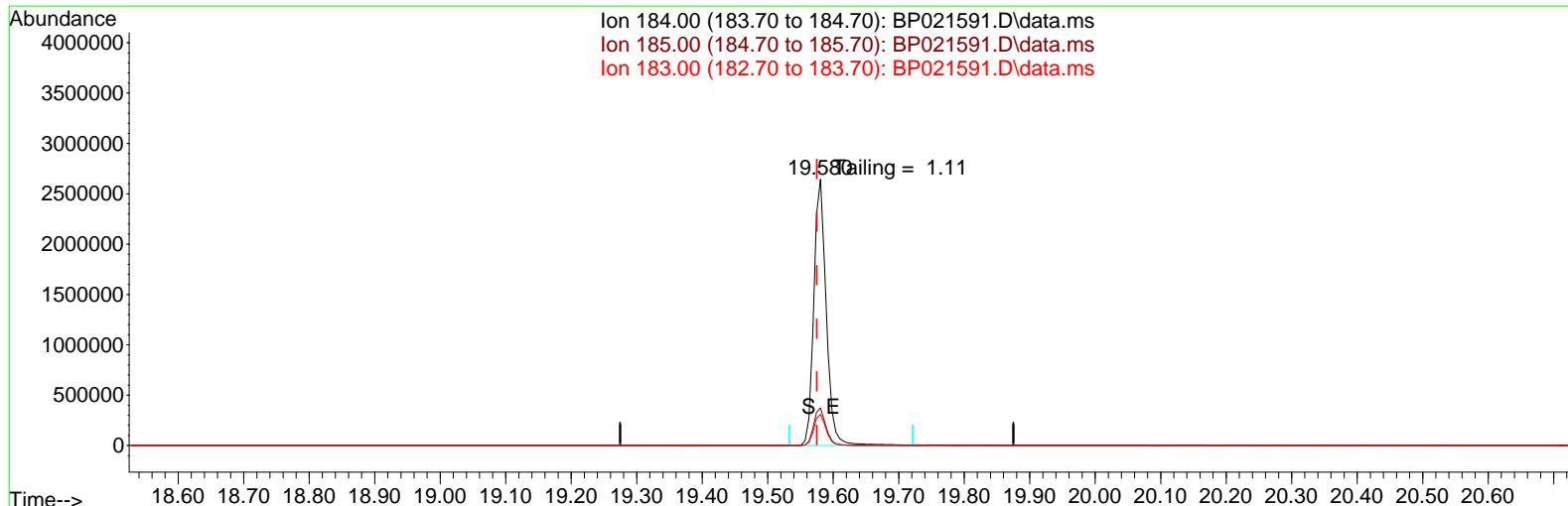
response 605832

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.70	63.64
264.00	63.10	63.14
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021591.D
 Acq On : 21 Aug 2024 09:28
 Operator : RC/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DFTPP

Quant Time: Aug 21 18:32:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration



TIC: BP021591.D\data.ms

(77) Benzidine

19.580min (+ 0.005) -20.00 ng

response 3491621

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.20	14.10
183.00	11.60	11.72
0.00	0.00	0.00

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger Site Princeton NJ	Date Received:	
Client Sample ID:	PB162788BL	SDG No.:	P3645
Lab Sample ID:	PB162788BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group6
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021593.D	1	08/16/24 10:33	08/21/24 10:52	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.60	U	1.60	5.00	ug/L
100-52-7	Benzaldehyde	4.00	U	4.00	10.0	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.0	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.00	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.00	ug/L
91-20-3	Naphthalene	1.00	U	1.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.00	ug/L
91-57-6	2-Methylnaphthalene	1.10	U	1.10	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.00	ug/L
208-96-8	Acenaphthylene	1.00	U	1.00	5.00	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	5.00	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.00	ug/L
86-73-7	Fluorene	0.96	U	0.96	5.00	ug/L
118-74-1	Hexachlorobenzene	1.10	U	1.10	5.00	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.0	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	5.00	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.00	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.00	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.00	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.00	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	5.00	ug/L
218-01-9	Chrysene	0.86	U	0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.00	ug/L
205-99-2	Benzo(b)fluoranthene	1.10	U	1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.00	ug/L

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger Site Princeton NJ	Date Received:	
Client Sample ID:	PB162788BL	SDG No.:	P3645
Lab Sample ID:	PB162788BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group6
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021593.D	1	08/16/24 10:33	08/21/24 10:52	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.00	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.00	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	128		15 (10) - 110 (139)	86%	SPK: 150
13127-88-3	Phenol-d6	115		15 (10) - 110 (134)	77%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.2		30 (49) - 130 (133)	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.7		30 (52) - 130 (132)	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	153		15 (44) - 110 (137)	102%	SPK: 150
1718-51-0	Terphenyl-d14	80.5		30 (48) - 130 (125)	81%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	378000	7.805
1146-65-2	Naphthalene-d8	1460000	10.593
15067-26-2	Acenaphthene-d10	911000	14.451
1517-22-2	Phenanthrene-d10	2060000	17.263
1719-03-5	Chrysene-d12	2130000	21.722
1520-96-3	Perylene-d12	2480000	25.168

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021593.D
 Acq On : 21 Aug 2024 10:52
 Operator : RC/JU
 Sample : PB162788BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162788BL

Quant Time: Aug 21 11:19:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	378034	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1462908	20.000	ng	# 0.00
39) Acenaphthene-d10	14.451	164	910755	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	2055959	20.000	ng	0.01
76) Chrysene-d12	21.722	240	2128573	20.000	ng	0.02
86) Perylene-d12	25.168	264	2476214	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	3269494	128.421	ng	0.01
7) Phenol-d6	6.969	99	4263263	114.792	ng	0.00
23) Nitrobenzene-d5	8.952	82	2556716	90.207	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1546323	152.552	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	4753254	79.651	ng	0.00
79) Terphenyl-d14	19.998	244	8820927	80.508	ng	0.02

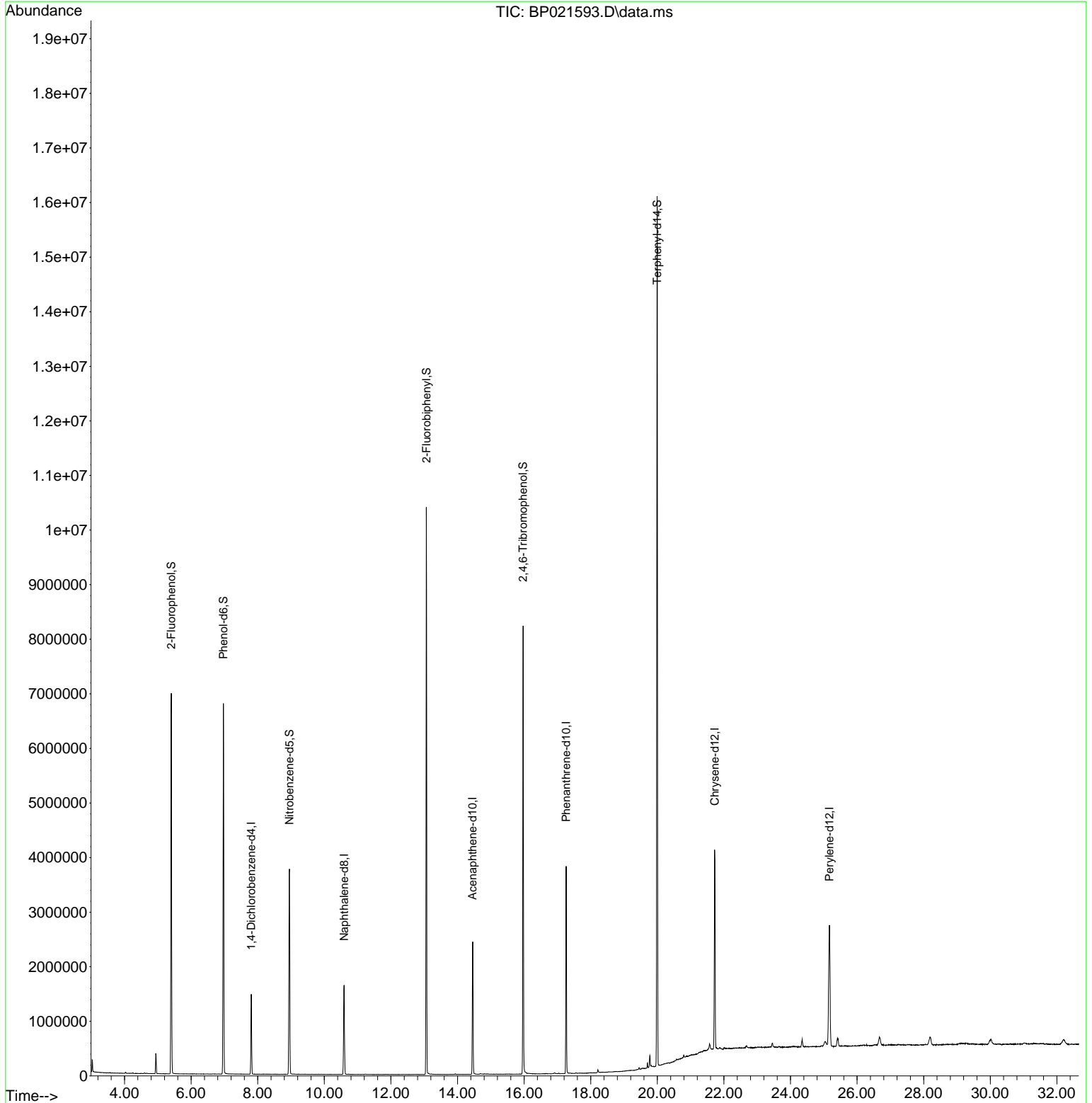
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

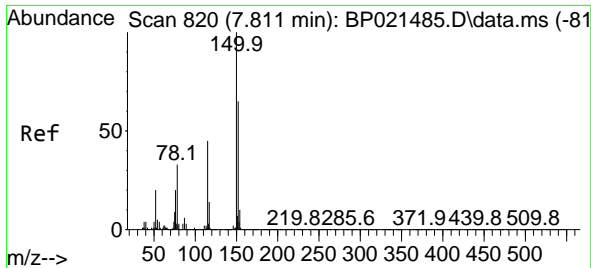
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021593.D
 Acq On : 21 Aug 2024 10:52
 Operator : RC/JU
 Sample : PB162788BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 PB162788BL

Quant Time: Aug 21 11:19:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration



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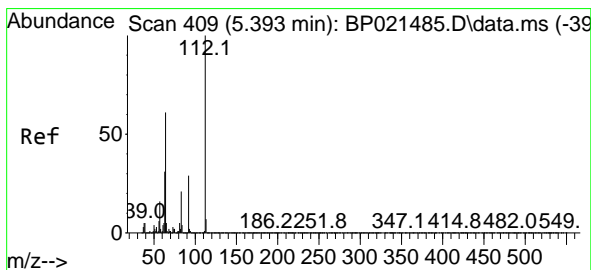
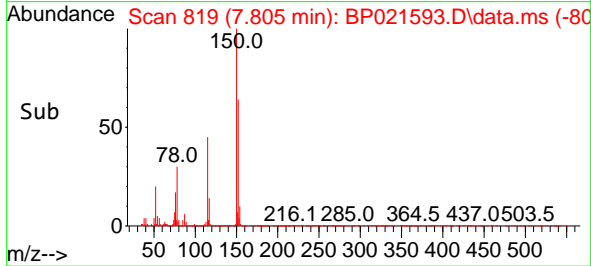
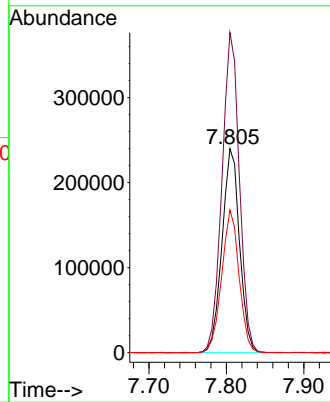
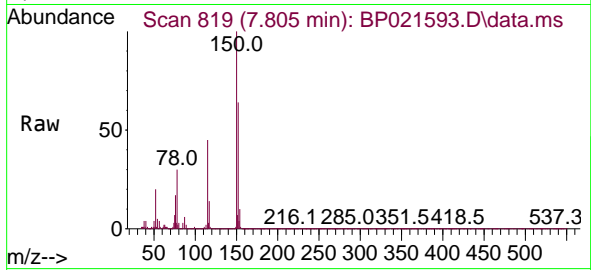


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP021593.D
 Acq: 21 Aug 2024 10:52

Instrument :
 BNA_P
 ClientSampleId :
 PB162788BL

Tgt Ion:152 Resp: 378034

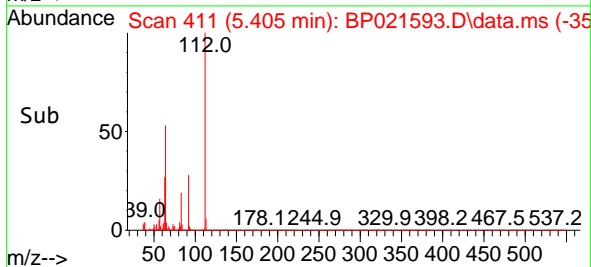
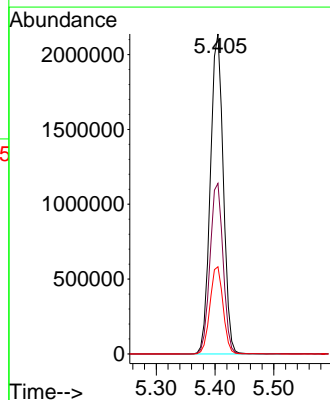
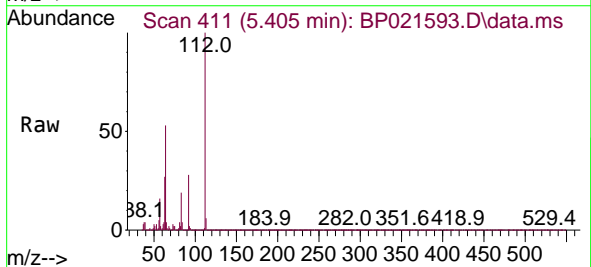
Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.4	183.6
115	69.9	54.7	82.1

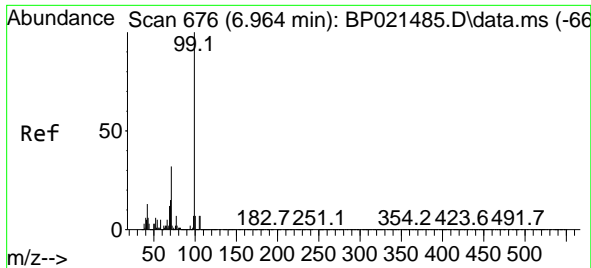


#5
 2-Fluorophenol
 Concen: 128.421 ng
 RT: 5.405 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: BP021593.D
 Acq: 21 Aug 2024 10:52

Tgt Ion:112 Resp: 3269494

Ion	Ratio	Lower	Upper
112	100		
64	53.3	49.0	73.6
63	27.3	24.6	36.8



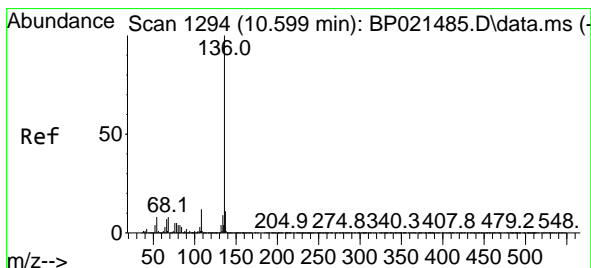
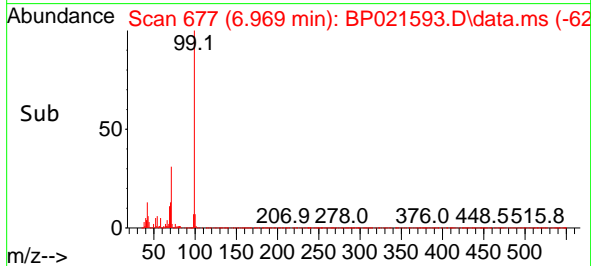
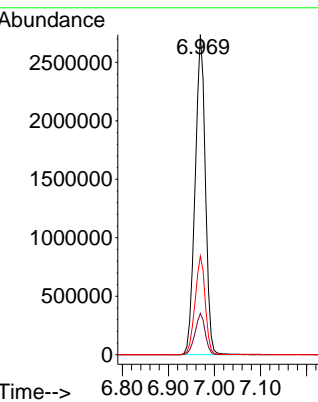
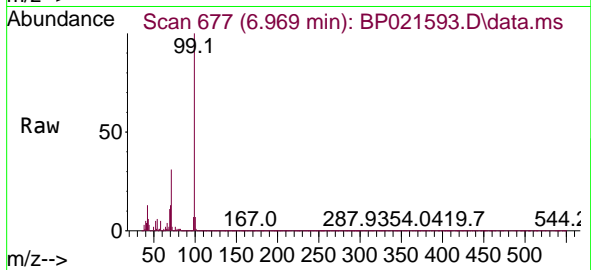


#7
Phenol-d6
Concen: 114.792 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP021593.D
Acq: 21 Aug 2024 10:52

Instrument :
BNA_P
ClientSampleId :
PB162788BL

Tgt Ion: 99 Resp: 4263263

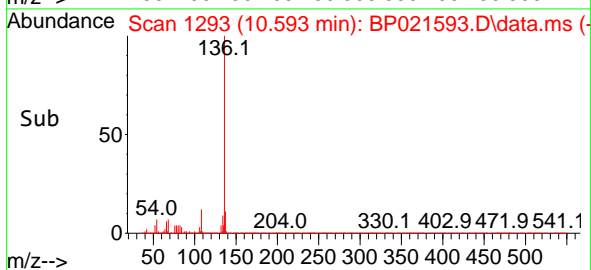
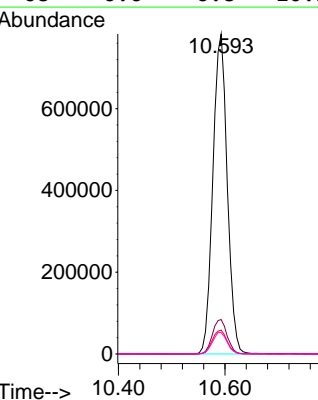
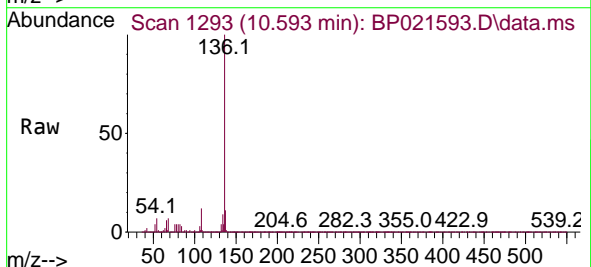
Ion	Ratio	Lower	Upper
99	100		
42	12.9	10.2	15.4
71	30.8	25.8	38.8

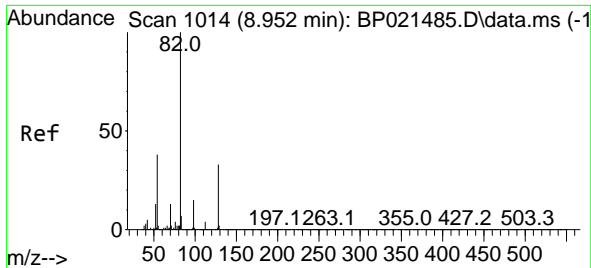


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP021593.D
Acq: 21 Aug 2024 10:52

Tgt Ion: 136 Resp: 1462908

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.5	6.3	9.5
68	6.6	6.8	10.2



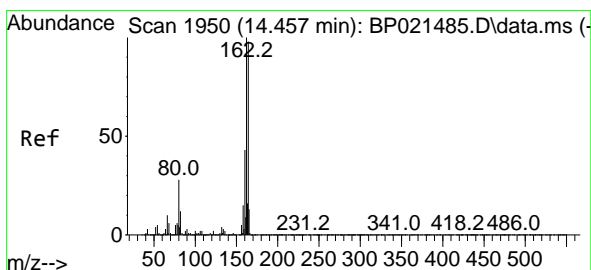
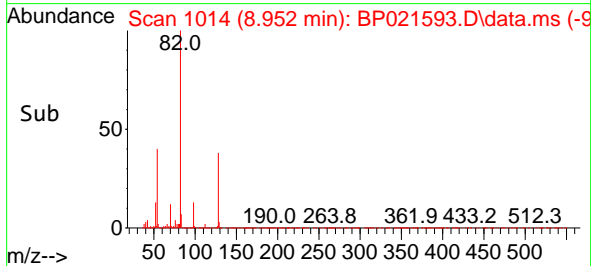
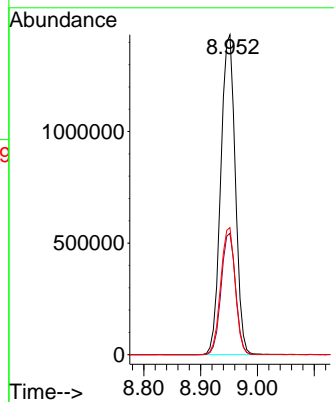
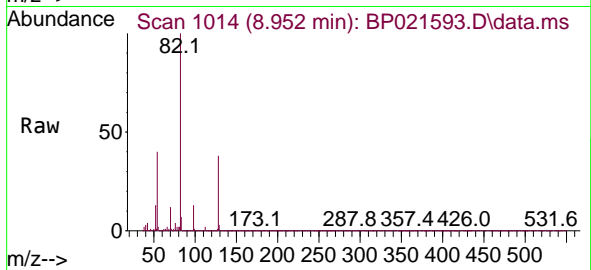


#23
 Nitrobenzene-d5
 Concen: 90.207 ng
 RT: 8.952 min Scan# 1014
 Delta R.T. 0.000 min
 Lab File: BP021593.D
 Acq: 21 Aug 2024 10:52

Instrument :
 BNA_P
 ClientSampleId :
 PB162788BL

Tgt Ion: 82 Resp: 2556716

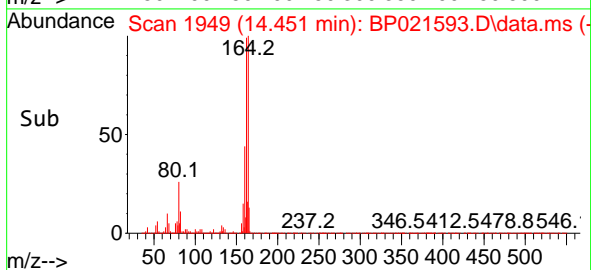
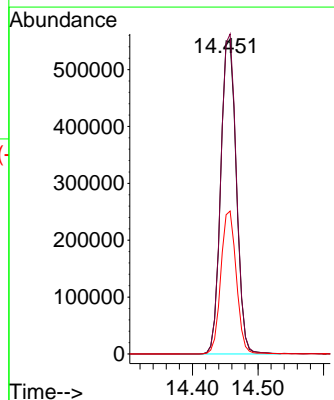
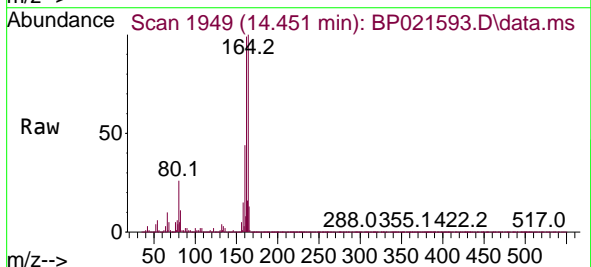
Ion	Ratio	Lower	Upper
82	100		
128	37.9	26.5	39.7
54	39.7	30.3	45.5

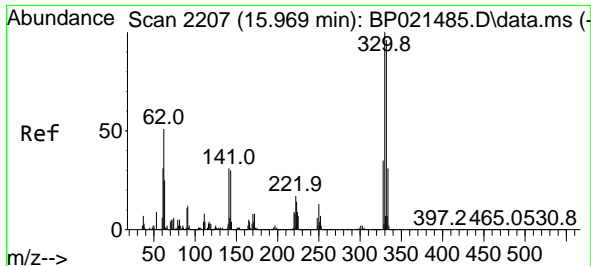


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.451 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: BP021593.D
 Acq: 21 Aug 2024 10:52

Tgt Ion: 164 Resp: 910755

Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.5	122.3
160	44.5	35.2	52.8



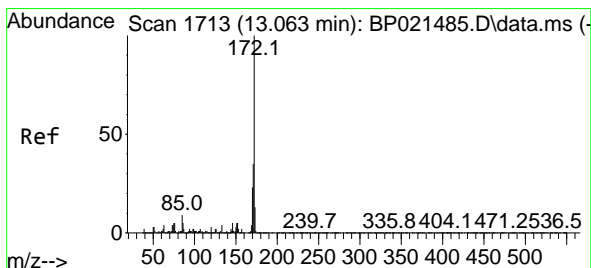
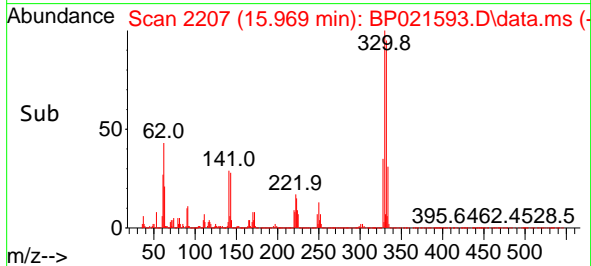
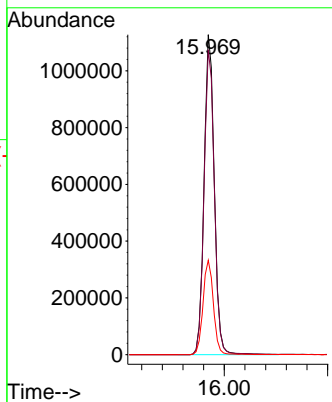
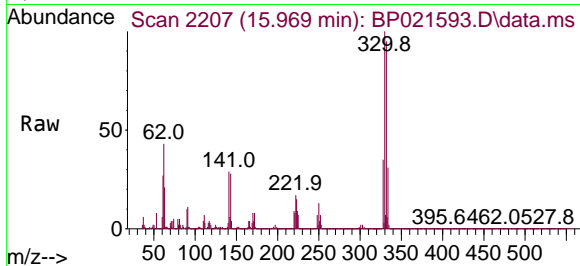


#42
 2,4,6-Tribromophenol
 Concen: 152.552 ng
 RT: 15.969 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP021593.D
 Acq: 21 Aug 2024 10:52

Instrument :
 BNA_P
 ClientSampleId :
 PB162788BL

Tgt Ion: 330 Resp: 1546323

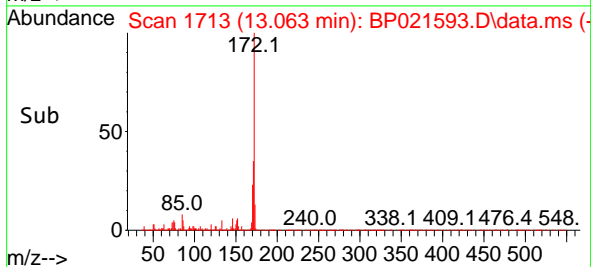
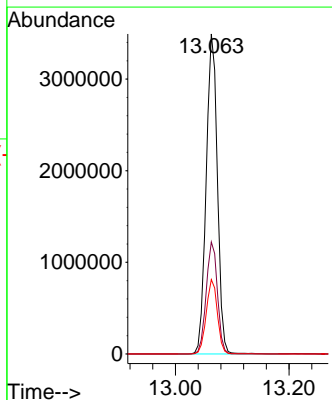
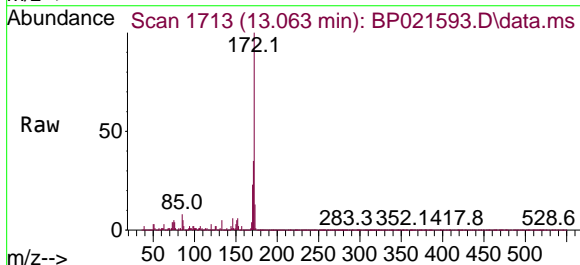
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	30.1	24.5	36.7

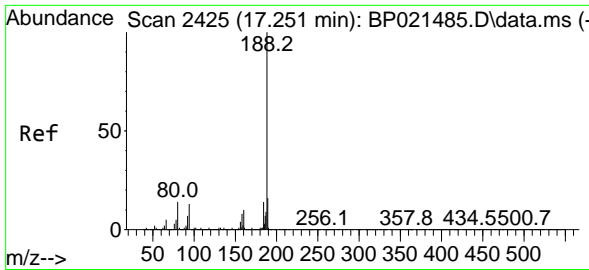


#45
 2-Fluorobiphenyl
 Concen: 79.651 ng
 RT: 13.063 min Scan# 1713
 Delta R.T. 0.000 min
 Lab File: BP021593.D
 Acq: 21 Aug 2024 10:52

Tgt Ion: 172 Resp: 4753254

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	23.3	18.4	27.6



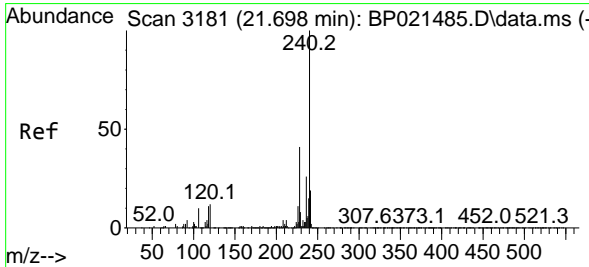
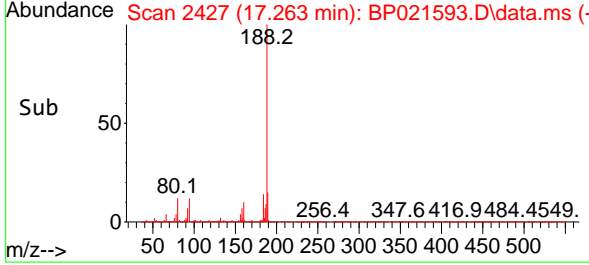
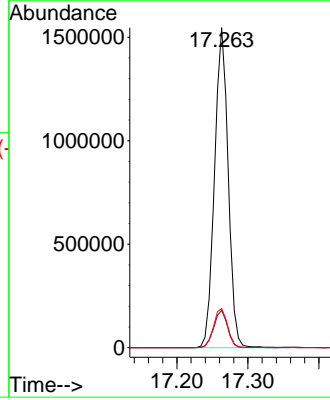
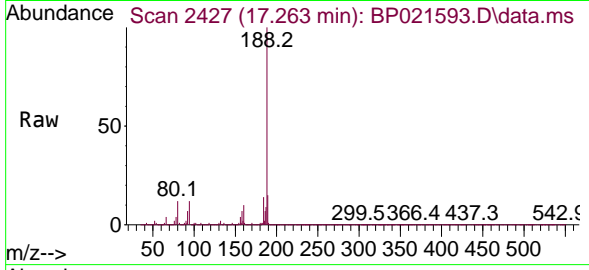


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.263 min Scan# 2427
 Delta R.T. 0.012 min
 Lab File: BP021593.D
 Acq: 21 Aug 2024 10:52

Instrument : BNA_P
 Client Sample Id : PB162788BL

Tgt Ion:188 Resp: 2055959

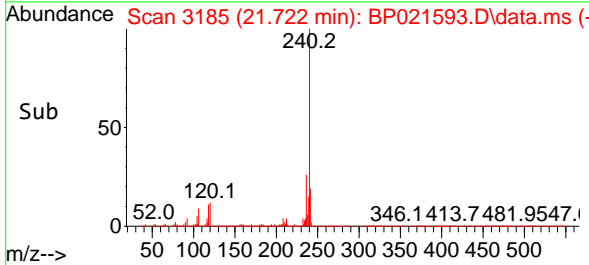
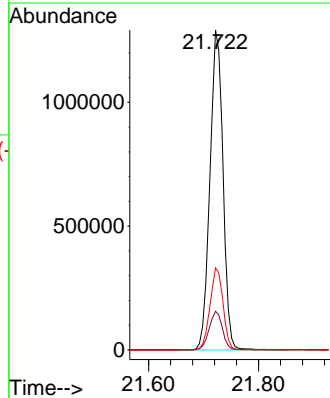
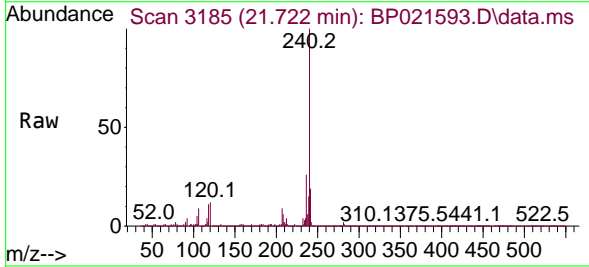
Ion	Ratio	Lower	Upper
188	100		
94	11.7	10.2	15.4
80	12.2	11.6	17.4

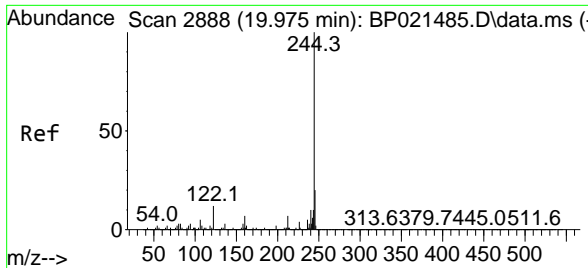


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.722 min Scan# 3185
 Delta R.T. 0.024 min
 Lab File: BP021593.D
 Acq: 21 Aug 2024 10:52

Tgt Ion:240 Resp: 2128573

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.9	14.9
236	25.6	20.6	30.8



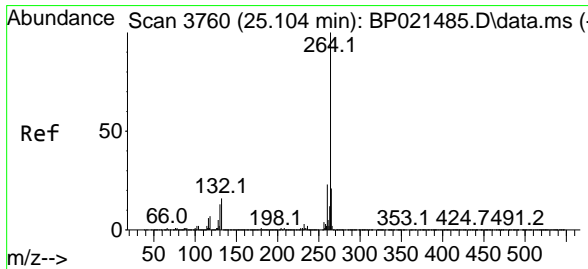
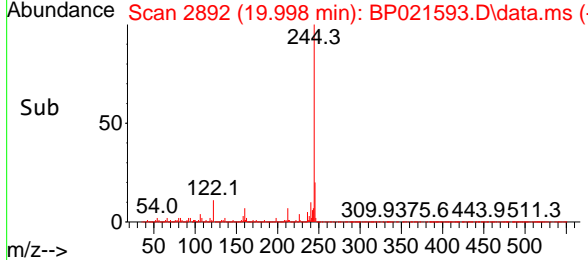
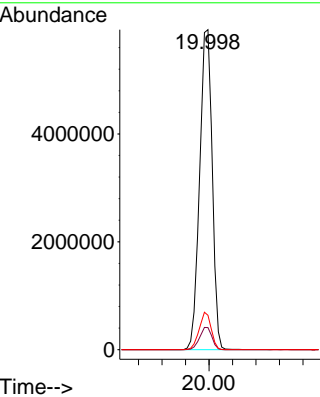
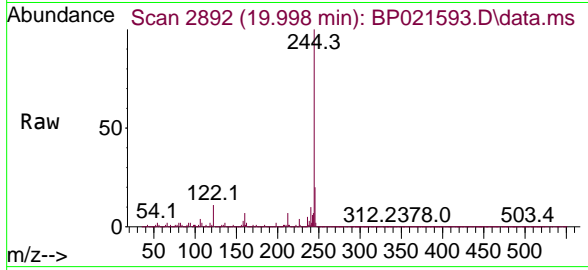


#79
 Terphenyl-d14
 Concen: 80.508 ng
 RT: 19.998 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BP021593.D
 Acq: 21 Aug 2024 10:52

Instrument : BNA_P
 Client Sample Id : PB162788BL

Tgt Ion: 244 Resp: 8820927

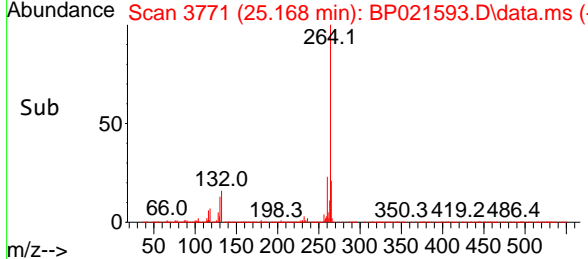
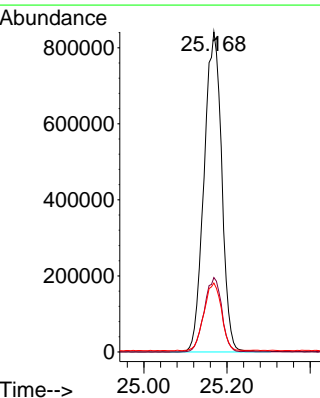
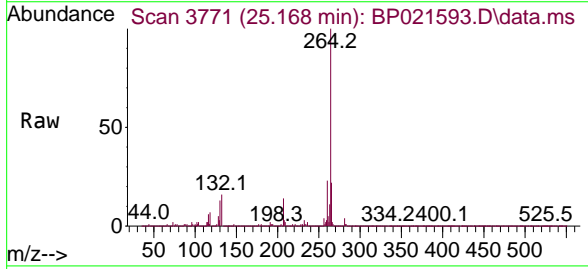
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.7	9.4	14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.168 min Scan# 3771
 Delta R.T. 0.065 min
 Lab File: BP021593.D
 Acq: 21 Aug 2024 10:52

Tgt Ion: 264 Resp: 2476214

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.6	17.1	25.7



Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger Site Princeton NJ	Date Received:	
Client Sample ID:	PB162788BS	SDG No.:	P3645
Lab Sample ID:	PB162788BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group6
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021594.D	1	08/16/24 10:33	08/21/24 12:19	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	27.8		1.60	5.00	ug/L
100-52-7	Benzaldehyde	18.3		4.00	10.0	ug/L
95-48-7	2-Methylphenol	44.3		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	45.3		1.20	10.0	ug/L
67-72-1	Hexachloroethane	42.6		1.00	5.00	ug/L
98-95-3	Nitrobenzene	43.9		1.30	5.00	ug/L
91-20-3	Naphthalene	42.9		1.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	40.2		1.30	5.00	ug/L
91-57-6	2-Methylnaphthalene	42.1		1.10	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	54.5		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	52.7		1.00	5.00	ug/L
208-96-8	Acenaphthylene	47.7		1.00	5.00	ug/L
83-32-9	Acenaphthene	49.8		0.81	5.00	ug/L
132-64-9	Dibenzofuran	43.9		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	54.6		1.50	5.00	ug/L
86-73-7	Fluorene	42.0		0.96	5.00	ug/L
118-74-1	Hexachlorobenzene	42.0		1.10	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	45.0		0.89	5.00	ug/L
120-12-7	Anthracene	46.6		1.10	5.00	ug/L
86-74-8	Carbazole	46.0		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	45.1		1.50	5.00	ug/L
206-44-0	Fluoranthene	44.7		1.30	5.00	ug/L
129-00-0	Pyrene	44.9		1.10	5.00	ug/L
56-55-3	Benzo(a)anthracene	46.2		0.94	5.00	ug/L
218-01-9	Chrysene	46.4		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.5		1.90	5.00	ug/L
205-99-2	Benzo(b)fluoranthene	48.6		1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	47.8		1.20	5.00	ug/L

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger Site Princeton NJ	Date Received:	
Client Sample ID:	PB162788BS	SDG No.:	P3645
Lab Sample ID:	PB162788BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group6
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021594.D	1	08/16/24 10:33	08/21/24 12:19	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
50-32-8	Benzo(a)pyrene	51.8		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52.1		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.1		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	49.5		1.20	5.00	ug/L
123-91-1	1,4-Dioxane	28.8		1.30	5.00	ug/L
90-12-0	1-Methylnaphthalene	39.8		0.86	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	130		15 (10) - 110 (139)	87%	SPK: 150
13127-88-3	Phenol-d6	120		15 (10) - 110 (134)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.6		30 (49) - 130 (133)	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.8		30 (52) - 130 (132)	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	146		15 (44) - 110 (137)	97%	SPK: 150
1718-51-0	Terphenyl-d14	80.7		30 (48) - 130 (125)	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	423000	7.805			
1146-65-2	Naphthalene-d8	1650000	10.593			
15067-26-2	Acenaphthene-d10	1040000	14.457			
1517-22-2	Phenanthrene-d10	2220000	17.263			
1719-03-5	Chrysene-d12	2120000	21.727			
1520-96-3	Perylene-d12	2400000	25.168			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021594.D
 Acq On : 21 Aug 2024 12:19
 Operator : RC/JU
 Sample : PB162788BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 PB162788BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 13:23:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	422633	20.000	ng	0.00	
21) Naphthalene-d8	10.593	136	1649511	20.000	ng	0.00	
39) Acenaphthene-d10	14.457	164	1043036	20.000	ng	0.00	
64) Phenanthrene-d10	17.263	188	2218669	20.000	ng	0.01	
76) Chrysenes-d12	21.727	240	2116508	20.000	ng	0.03	
86) Perylene-d12	25.168	264	2397430	20.000	ng	0.06	
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	3711897	130.412	ng	0.00	
7) Phenol-d6	6.975	99	4978922	119.914	ng	0.01	
23) Nitrobenzene-d5	8.952	82	2927311	91.599	ng	0.00	
42) 2,4,6-Tribromophenol	15.975	330	1689654	145.552	ng	0.00	
45) 2-Fluorobiphenyl	13.063	172	5382091	78.750	ng	0.00	
79) Terphenyl-d14	19.992	244	8790997	80.692	ng	0.02	
Target Compounds							
2) 1,4-Dioxane	3.317	88	389024	28.825	ng		98
3) Pyridine	3.711	79	1047068	27.792	ng		95
4) n-Nitrosodimethylamine	3.617	42	472561	41.730	ng	#	89
6) Aniline	7.128	93	1026376	24.727	ng		98
8) 2-Chlorophenol	7.369	128	1284376	48.830	ng		94
9) Benzaldehyde	6.940	77	486864m	18.314	ng		
10) Phenol	6.999	94	1902178	44.241	ng		98
11) bis(2-Chloroethyl)ether	7.222	93	1424451	39.153	ng		96
12) 1,3-Dichlorobenzene	7.693	146	1294567	41.435	ng		97
13) 1,4-Dichlorobenzene	7.840	146	1331196	42.195	ng		98
14) 1,2-Dichlorobenzene	8.157	146	1274671	41.926	ng		99
15) Benzyl Alcohol	8.034	79	1300063	43.639	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1331506	39.742	ng		97
17) 2-Methylphenol	8.240	107	1205418	44.347	ng		97
18) Hexachloroethane	8.881	117	539177	42.619	ng		99
19) n-Nitroso-di-n-propyla...	8.605	70	993736	34.647	ng	#	95
20) 3+4-Methylphenols	8.563	107	1660934	45.318	ng		97
22) Acetophenone	8.616	105	1946063	38.403	ng		99
24) Nitrobenzene	8.993	77	1524677	43.927	ng		92
25) Isophorone	9.522	82	2885146	38.214	ng		97
26) 2-Nitrophenol	9.704	139	637241	62.745	ng		93
27) 2,4-Dimethylphenol	9.769	122	937536	50.318	ng		96
28) bis(2-Chloroethoxy)met...	10.004	93	1844016	40.013	ng		100
29) 2,4-Dichlorophenol	10.234	162	1147538	52.126	ng		97
30) 1,2,4-Trichlorobenzene	10.457	180	1195360	42.353	ng		98
31) Naphthalene	10.640	128	3693973	42.868	ng		99
32) Benzoic acid	9.904	122	910002	65.023	ng		93
33) 4-Chloroaniline	10.746	127	869140	26.851	ng		96
34) Hexachlorobutadiene	10.934	225	714754	40.221	ng		99
35) Caprolactam	11.522	113	422702	46.130	ng		92
36) 4-Chloro-3-methylphenol	11.875	107	1491263	48.834	ng		97
37) 2-Methylnaphthalene	12.257	142	2475344	42.090	ng		99
38) 1-Methylnaphthalene	12.475	142	2307433	39.781	ng		100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1222750	40.010	ng		99
41) Hexachlorocyclopentadiene	12.610	237	1099174	113.481	ng		98
43) 2,4,6-Trichlorophenol	12.863	196	925882	54.540	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021594.D
 Acq On : 21 Aug 2024 12:19
 Operator : RC/JU
 Sample : PB162788BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 PB162788BS

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 13:23:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	994761	52.741	ng	96
46) 1,1'-Biphenyl	13.275	154	2959960	40.110	ng	98
47) 2-Chloronaphthalene	13.316	162	2490365	43.346	ng	99
48) 2-Nitroaniline	13.510	65	855860	52.599	ng #	83
49) Acenaphthylene	14.169	152	4032452	47.745	ng	100
50) Dimethylphthalate	13.898	163	3178935	45.510	ng	99
51) 2,6-Dinitrotoluene	14.022	165	709105	50.126	ng	88
52) Acenaphthene	14.522	154	2761713m	49.836	ng	
53) 3-Nitroaniline	14.351	138	594258	43.317	ng #	91
54) 2,4-Dinitrophenol	14.557	184	779718	123.232	ng #	86
55) Dibenzofuran	14.863	168	3740786	43.881	ng	99
56) 4-Nitrophenol	14.663	139	1313936	111.298	ng #	86
57) 2,4-Dinitrotoluene	14.816	165	991437	54.550	ng	90
58) Fluorene	15.528	166	2941757	42.005	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	882335	55.114	ng	99
60) Diethylphthalate	15.292	149	3180838	44.382	ng	99
61) 4-Chlorophenyl-phenyle...	15.528	204	1472517	40.677	ng	99
62) 4-Nitroaniline	15.539	138	721717	50.517	ng	95
63) Azobenzene	15.828	77	3446771	39.124	ng	95
65) 4,6-Dinitro-2-methylph...	15.598	198	546435	69.816	ng	98
66) n-Nitrosodiphenylamine	15.739	169	2656717	44.683	ng	100
67) 4-Bromophenyl-phenylether	16.439	248	994655	42.359	ng	99
68) Hexachlorobenzene	16.557	284	1165677	42.007	ng	97
69) Atrazine	16.728	200	820800	40.209	ng	99
70) Pentachlorophenol	16.910	266	1556069	102.740	ng	99
71) Phenanthrene	17.304	178	4806563	45.047	ng	99
72) Anthracene	17.404	178	4873321	46.571	ng	100
73) Carbazole	17.681	167	4641445	46.024	ng	99
74) Di-n-butylphthalate	18.275	149	5581934	45.069	ng	100
75) Fluoranthene	19.404	202	5852072	44.700	ng	99
77) Benzidine	19.586	184	1065275	22.247	ng	100
78) Pyrene	19.775	202	6204857	44.853	ng	100
80) Butylbenzylphthalate	20.722	149	2581686	49.083	ng	96
81) Benzo(a)anthracene	21.710	228	6137975	46.197	ng	100
82) 3,3'-Dichlorobenzidine	21.627	252	1787315	41.956	ng	99
83) Chrysene	21.774	228	5826621	46.448	ng	99
84) Bis(2-ethylhexyl)phtha...	21.669	149	3731470	47.517	ng	100
85) Di-n-octyl phthalate	22.986	149	6703781	48.537	ng	97
87) Indeno(1,2,3-cd)pyrene	29.092	276	8091481m	52.067	ng	
88) Benzo(b)fluoranthene	24.092	252	6684972	48.551	ng	100
89) Benzo(k)fluoranthene	24.163	252	6422116	47.813	ng	99
90) Benzo(a)pyrene	25.015	252	6192957	51.829	ng	99
91) Dibenzo(a,h)anthracene	29.174	278	6599130	51.107	ng	100
92) Benzo(g,h,i)perylene	30.303	276	6405985	49.498	ng	98

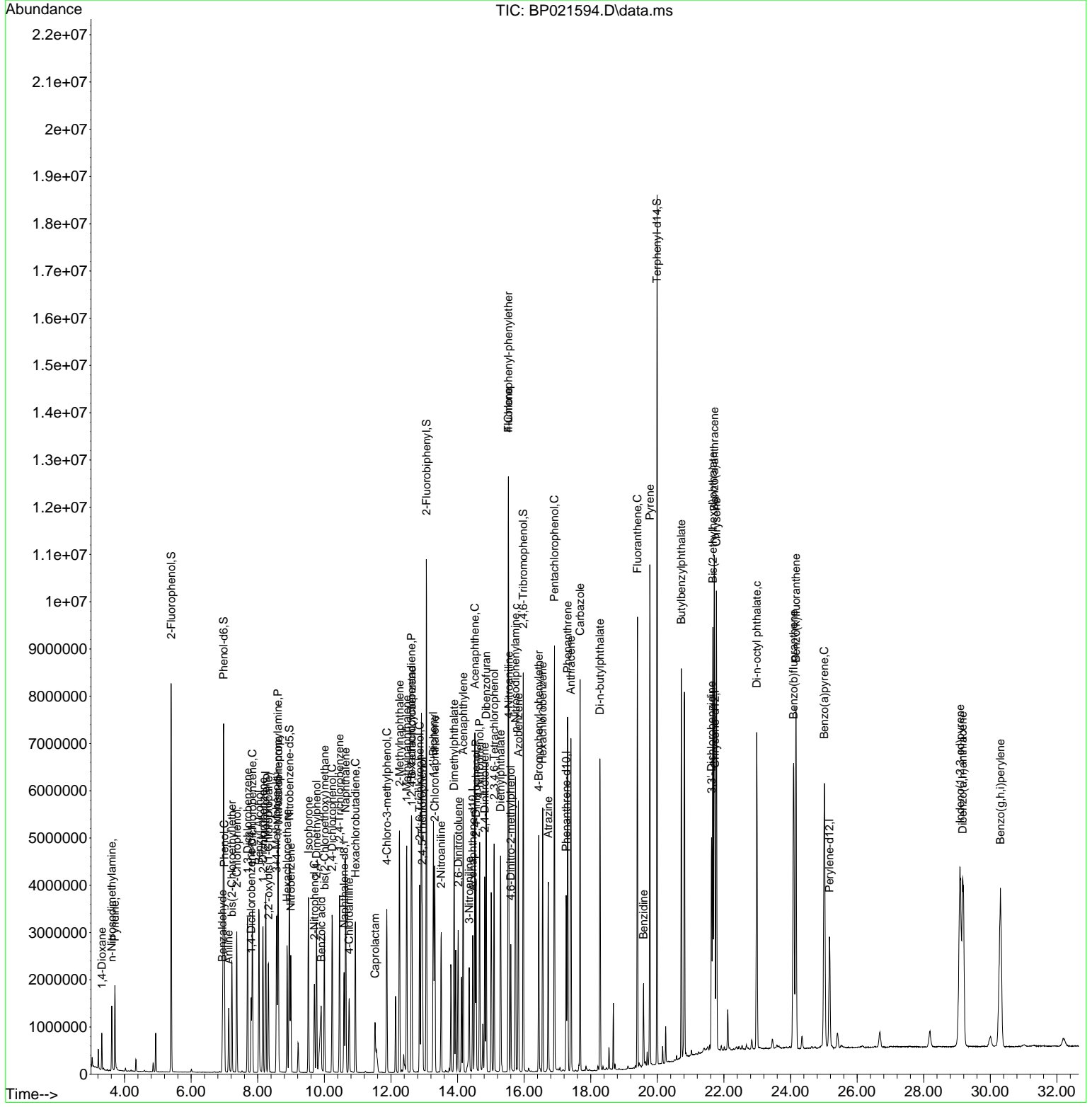
(#) = qualifier out of range (m) = manual integration (+) = signals summed

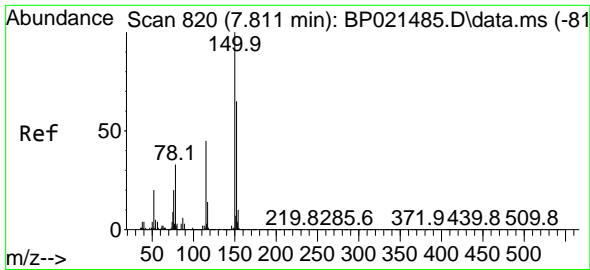
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 Data File : BP021594.D
 Acq On : 21 Aug 2024 12:19
 Operator : RC/JU
 Sample : PB162788BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 Client Sample Id :
 PB162788BS

Quant Time: Aug 21 13:23:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

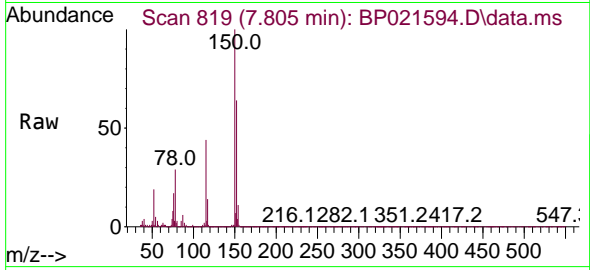
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

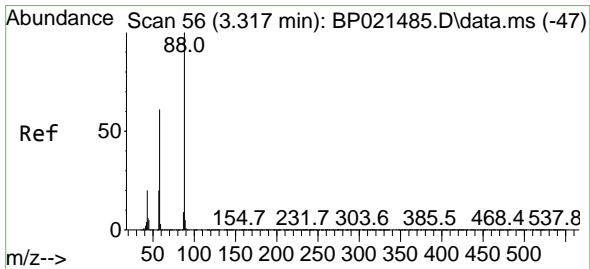
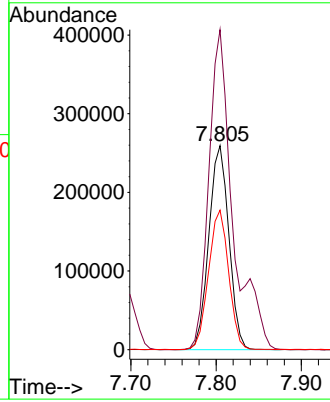
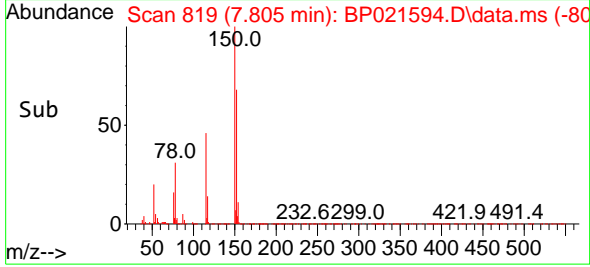
Instrument :
 BNA_P
 ClientSampleId :
 PB162788BS



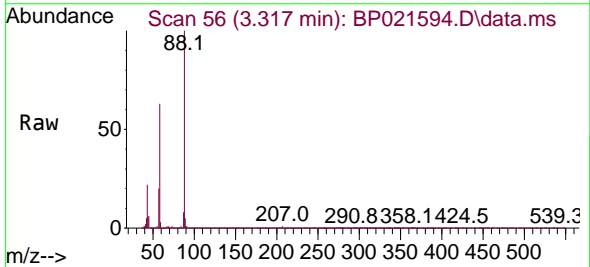
Tgt Ion:152 Resp: 42263
 Ion Ratio Lower Upper
 152 100
 150 156.9 122.4 183.6
 115 68.4 54.7 82.1

Manual Integrations
 APPROVED

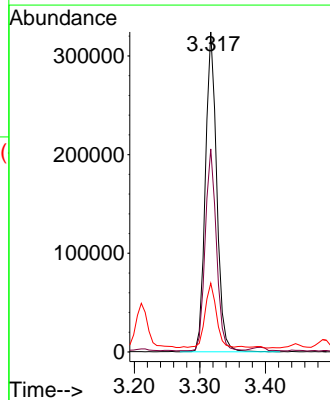
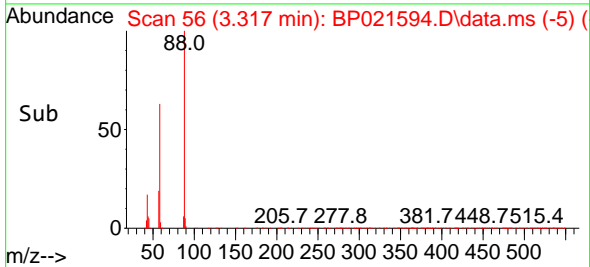
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

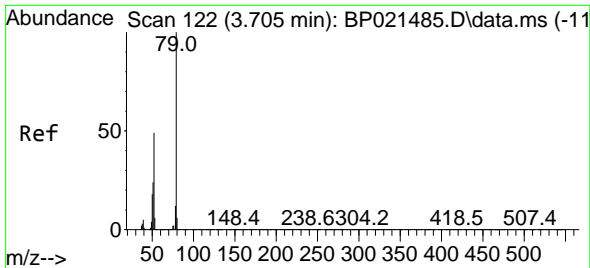


#2
 1,4-Dioxane
 Concen: 28.825 ng
 RT: 3.317 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion: 88 Resp: 389024
 Ion Ratio Lower Upper
 88 100
 58 62.6 48.7 73.1
 43 20.0 15.4 23.2





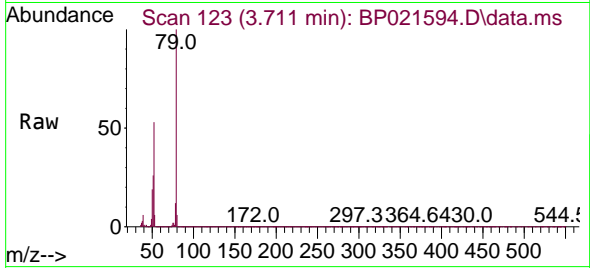
#3
 Pyridine
 Concen: 27.792 ng
 RT: 3.711 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client SampleId :

PB162788BS

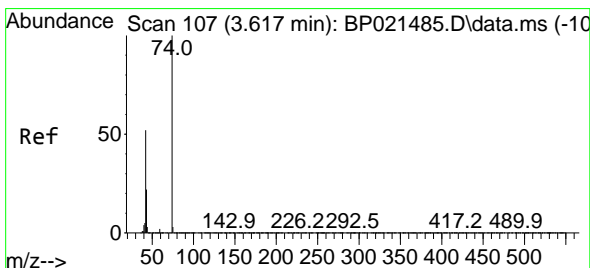
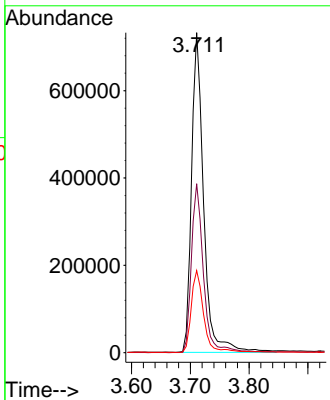
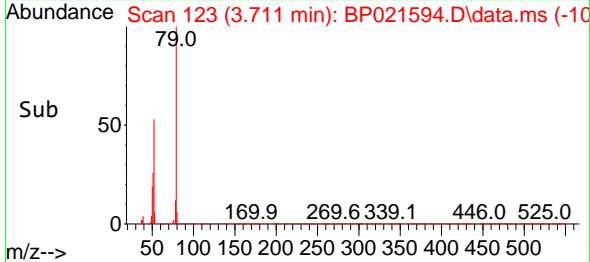


Tgt Ion: 79 Resp: 104706
 Ion Ratio Lower Upper
 79 100
 52 52.8 39.0 58.6
 51 25.7 19.2 28.8

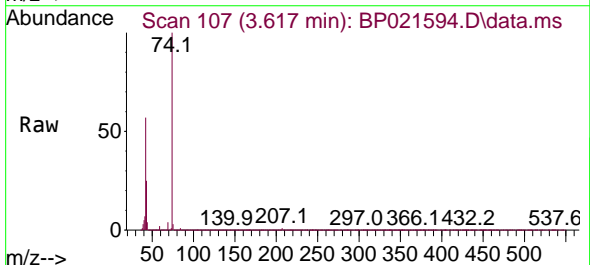
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024

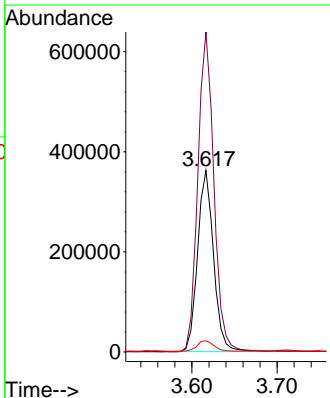
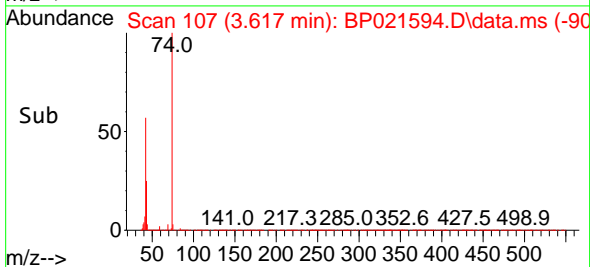
Supervised By :mohammad ahmed 08/22/2024

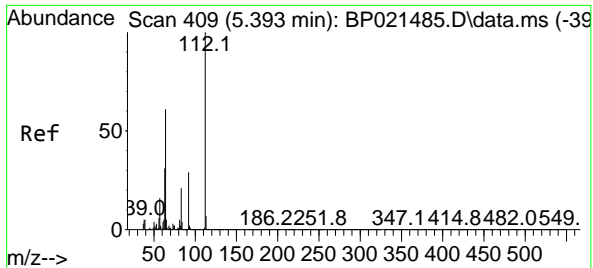


#4
 n-Nitrosodimethylamine
 Concen: 41.730 ng
 RT: 3.617 min Scan# 107
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion: 42 Resp: 472561
 Ion Ratio Lower Upper
 42 100
 74 176.4 154.3 231.5
 44 6.2 6.2 9.4#





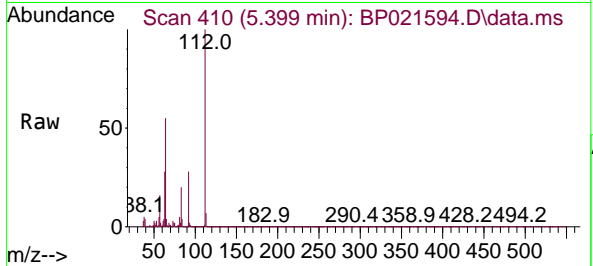
#5
 2-Fluorophenol
 Concen: 130.412 ng
 RT: 5.399 min Scan# 410
 Delta R.T. 0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client Sample Id :

PB162788BS



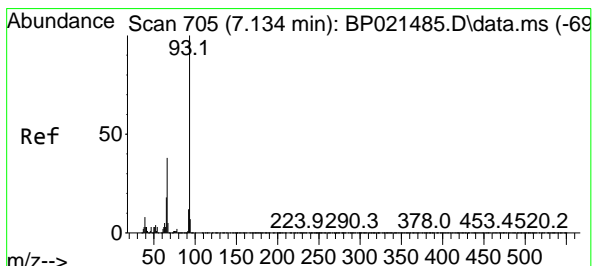
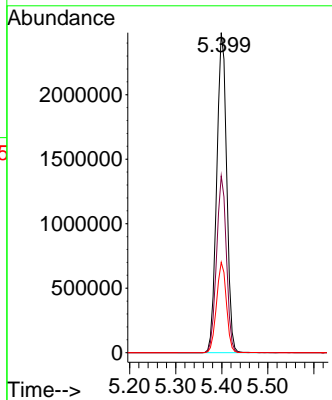
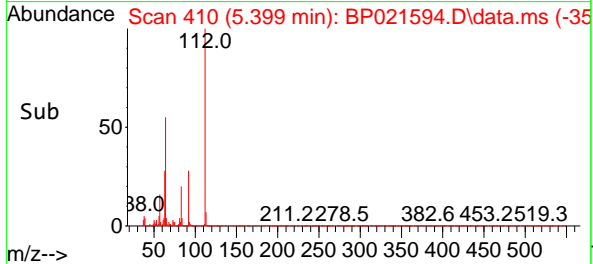
Tgt Ion: 112 Resp: 371189
 Ion Ratio Lower Upper
 112 100
 64 55.3 49.0 73.6
 63 28.3 24.6 36.8

Manual Integrations

APPROVED

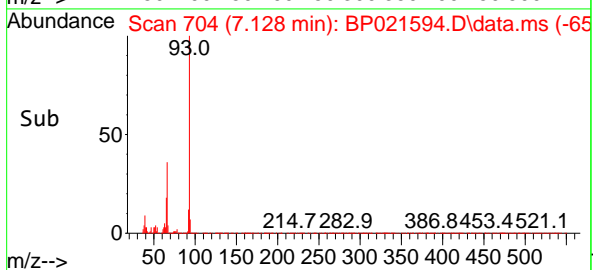
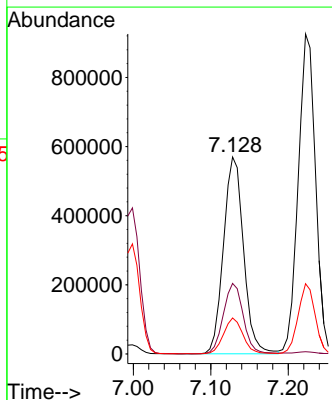
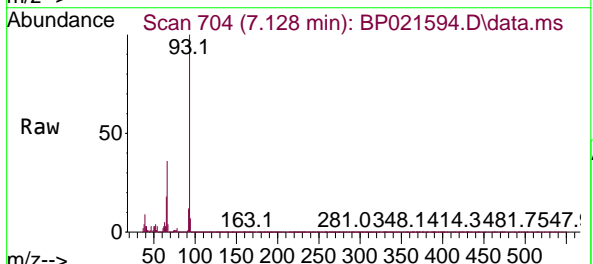
Reviewed By :Yogesh Patel 08/22/2024

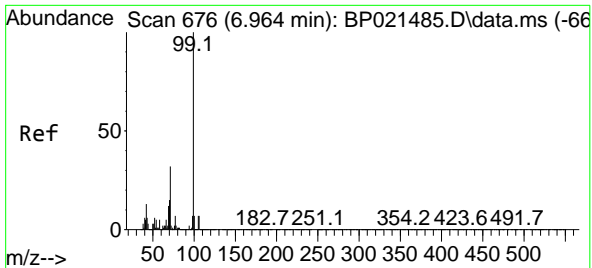
Supervised By :mohammad ahmed 08/22/2024



#6
 Aniline
 Concen: 24.727 ng
 RT: 7.128 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

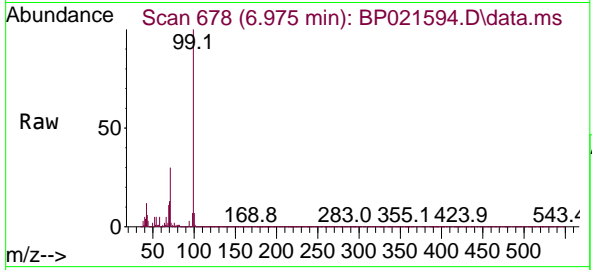
Tgt Ion: 93 Resp: 1026376
 Ion Ratio Lower Upper
 93 100
 66 35.9 30.2 45.2
 65 18.2 14.7 22.1





#7
Phenol-d6
Concen: 119.914 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19

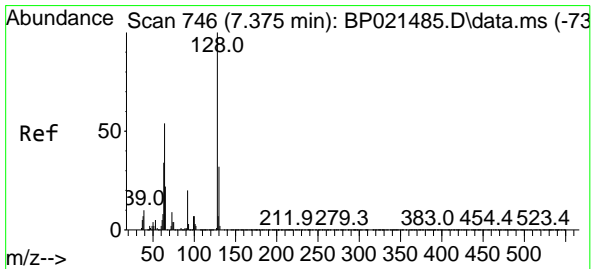
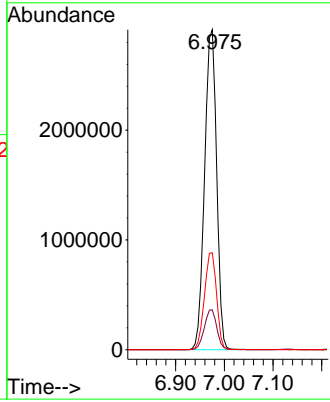
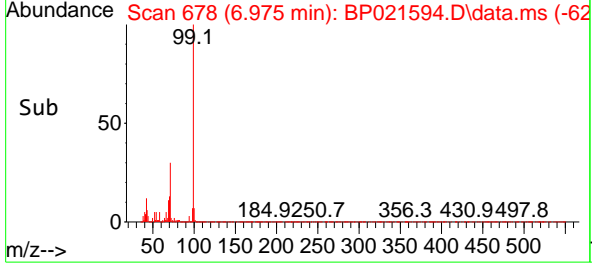
Instrument :
BNA_P
Client Sample Id :
PB162788BS



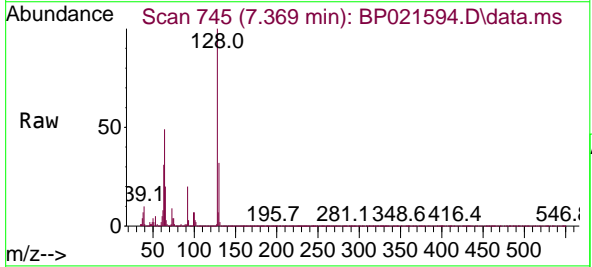
Tgt Ion: 99 Resp: 497892
Ion Ratio Lower Upper
99 100
42 12.5 10.2 15.4
71 30.3 25.8 38.8

Manual Integrations
APPROVED

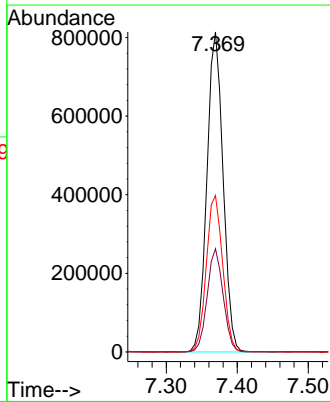
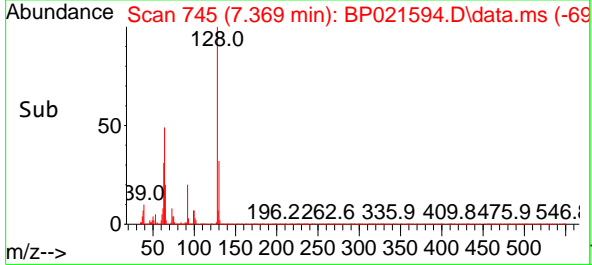
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

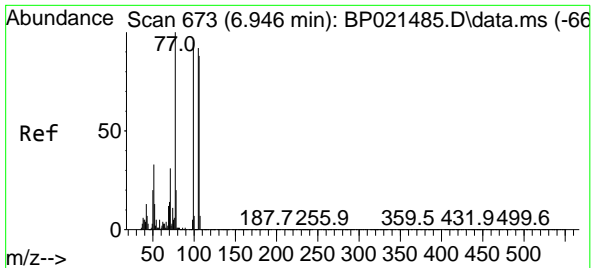


#8
2-Chlorophenol
Concen: 48.830 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP021594.D
Acq: 21 Aug 2024 12:19



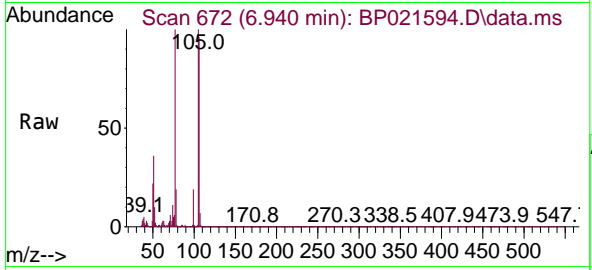
Tgt Ion:128 Resp: 1284376
Ion Ratio Lower Upper
128 100
130 32.3 11.6 51.6
64 48.9 35.3 75.3





#9
 Benzaldehyde
 Concen: 18.314 ng m
 RT: 6.940 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

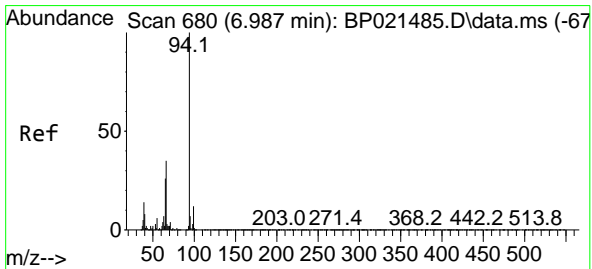
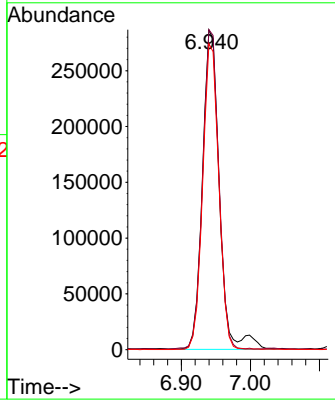
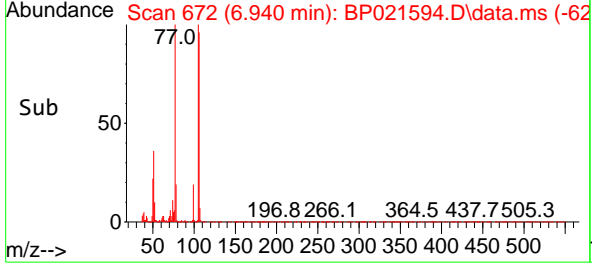
Instrument :
 BNA_P
 ClientSampleId :
 PB162788BS



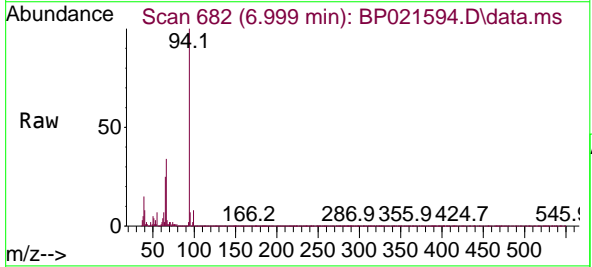
Tgt Ion: 77 Resp: 48686
 Ion Ratio Lower Upper
 77 100
 105 100.1 72.1 112.1
 106 95.7 67.9 107.9

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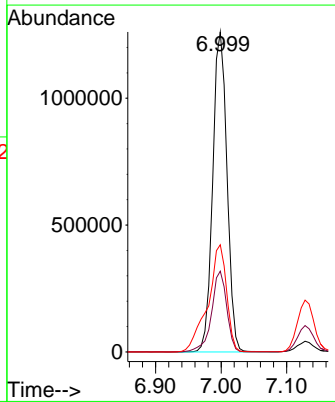
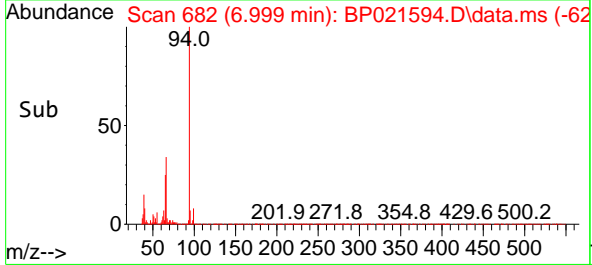
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

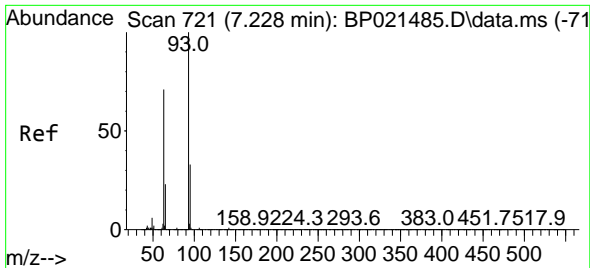


#10
 Phenol
 Concen: 44.241 ng
 RT: 6.999 min Scan# 682
 Delta R.T. 0.012 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion: 94 Resp: 1902178
 Ion Ratio Lower Upper
 94 100
 65 25.3 6.5 46.5
 66 33.5 14.7 54.7





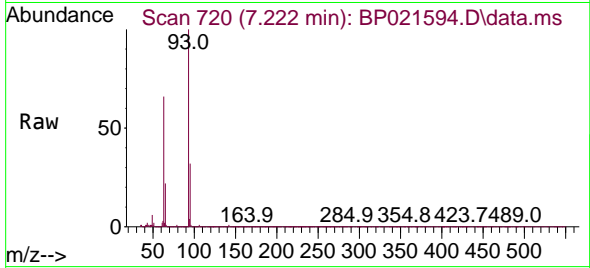
#11
 bis(2-Chloroethyl)ether
 Concen: 39.153 ng
 RT: 7.222 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client Sample Id :

PB162788BS

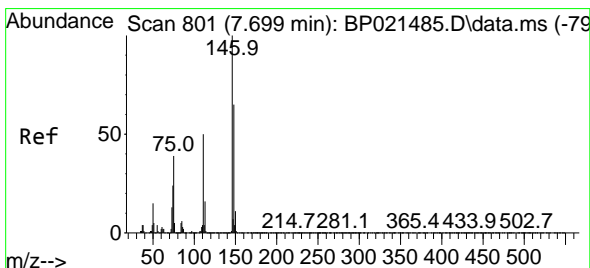
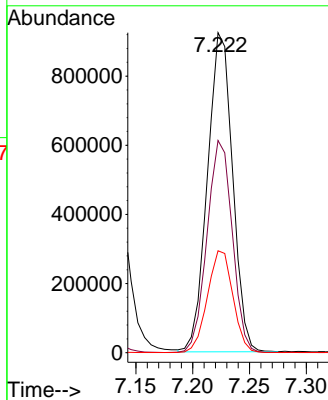
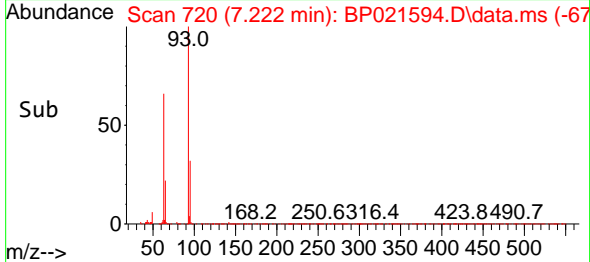


Tgt Ion: 93 Resp: 142445
 Ion Ratio Lower Upper
 93 100
 63 66.3 51.0 91.0
 95 31.9 12.9 52.9

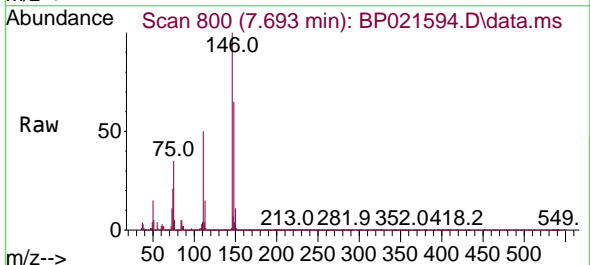
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Reviewed By :Yogesh Patel 08/22/2024

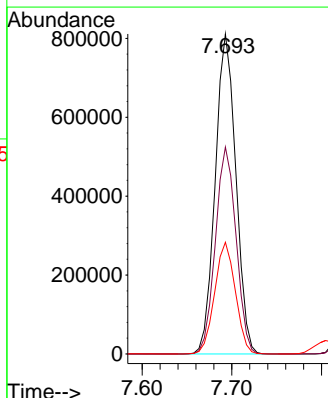
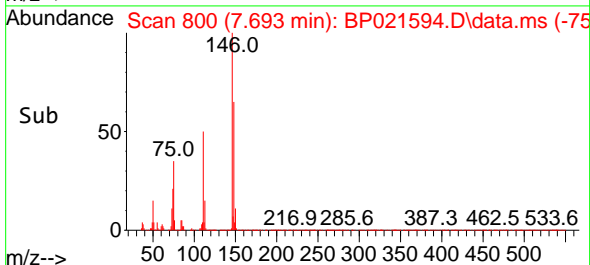
Supervised By :mohammad ahmed 08/22/2024

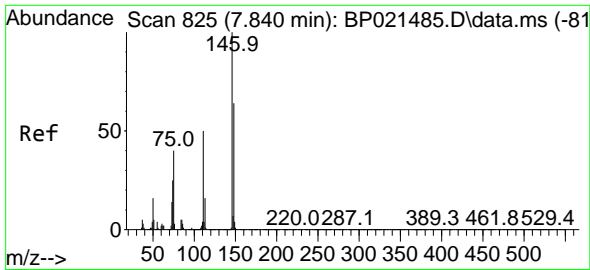


#12
 1,3-Dichlorobenzene
 Concen: 41.435 ng
 RT: 7.693 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:146 Resp: 1294567
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.6
 75 34.9 31.3 46.9





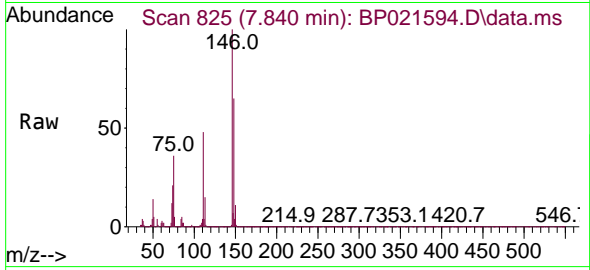
#13
 1,4-Dichlorobenzene
 Concen: 42.195 ng
 RT: 7.840 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS



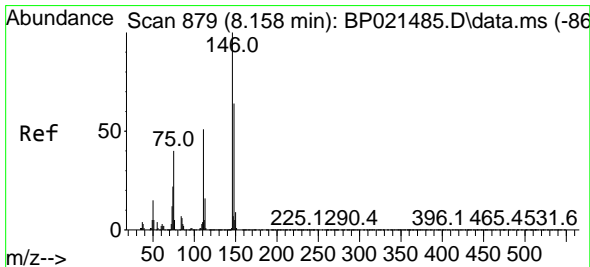
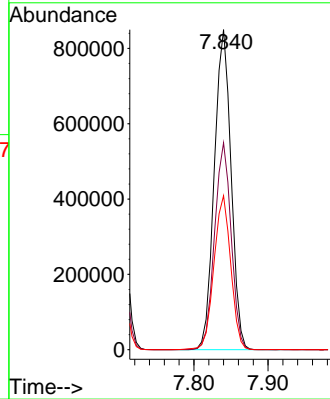
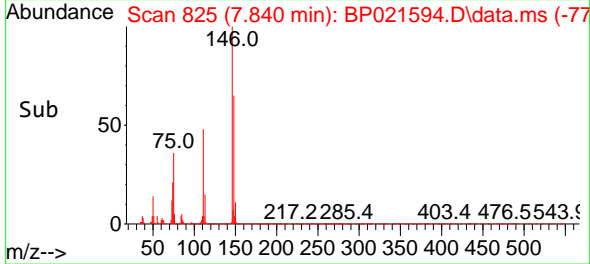
Tgt Ion:146 Resp: 1331190
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.5 77.3
 111 48.1 40.3 60.5

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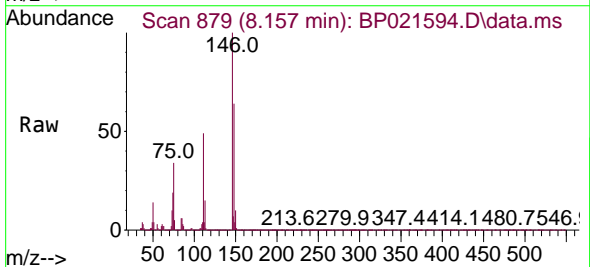
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Reviewed By :Yogesh Patel 08/22/2024

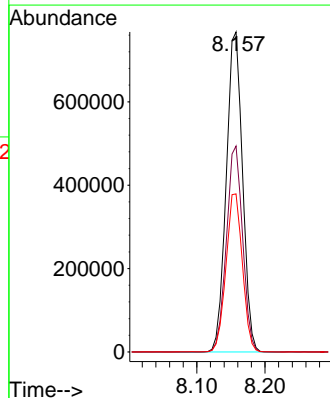
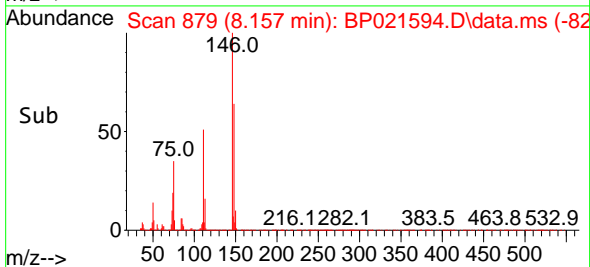
Supervised By :mohammad ahmed 08/22/2024

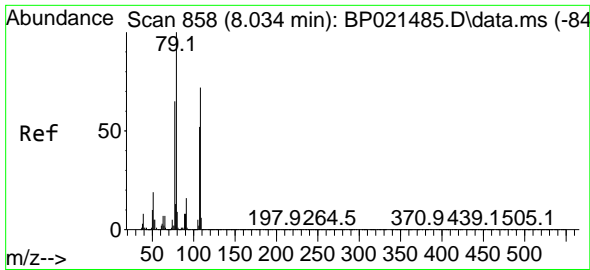


#14
 1,2-Dichlorobenzene
 Concen: 41.926 ng
 RT: 8.157 min Scan# 879
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:146 Resp: 1274671
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.5 77.3
 111 49.4 41.1 61.7





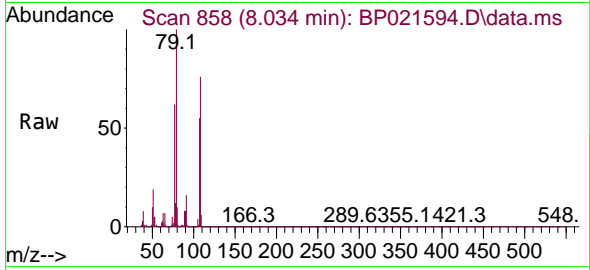
#15
 Benzyl Alcohol
 Concen: 43.639 ng
 RT: 8.034 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client Sample Id :

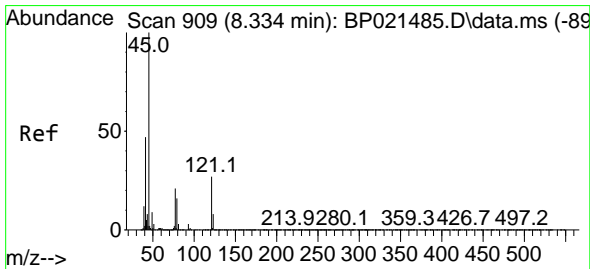
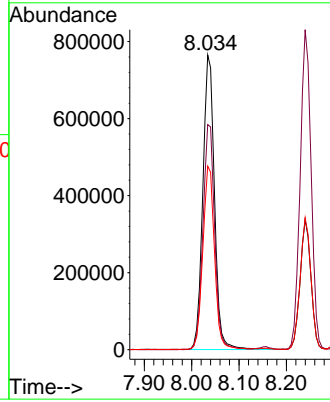
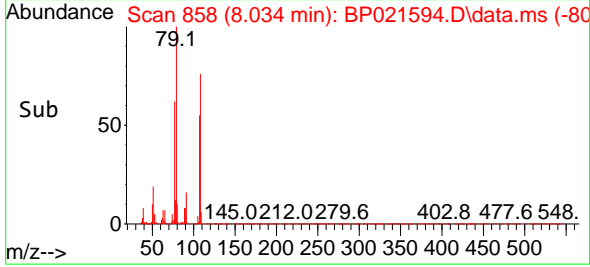
PB162788BS



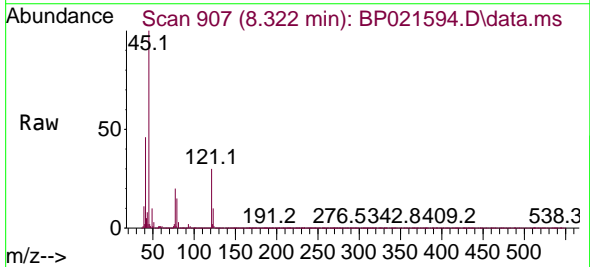
Tgt Ion: 79 Resp: 130006
 Ion Ratio Lower Upper
 79 100
 108 76.4 57.9 86.9
 77 62.3 51.8 77.8

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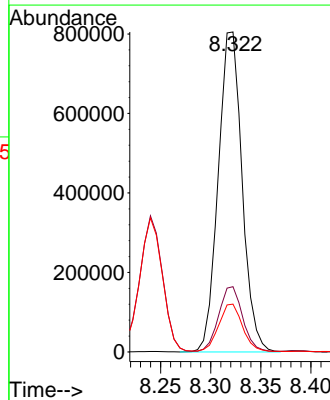
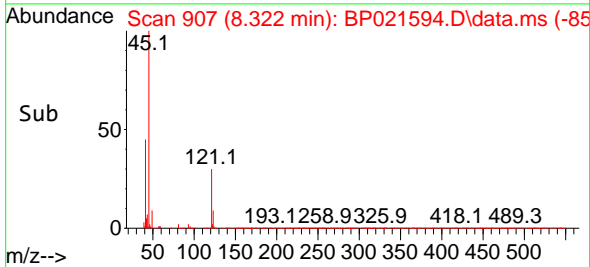
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

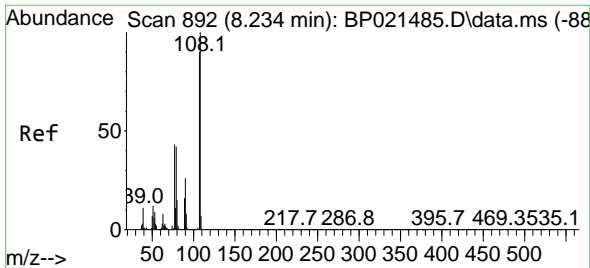


#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 39.742 ng
 RT: 8.322 min Scan# 907
 Delta R.T. -0.012 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



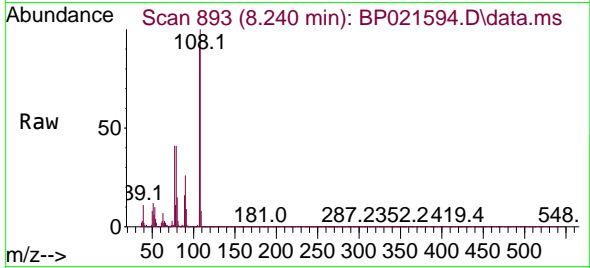
Tgt Ion: 45 Resp: 1331506
 Ion Ratio Lower Upper
 45 100
 77 20.4 1.9 41.9
 79 14.9 0.0 36.6





#17
 2-Methylphenol
 Concen: 44.347 ng
 RT: 8.240 min Scan# 892
 Delta R.T. 0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :
 BNA_P
 ClientSampleId :
 PB162788BS

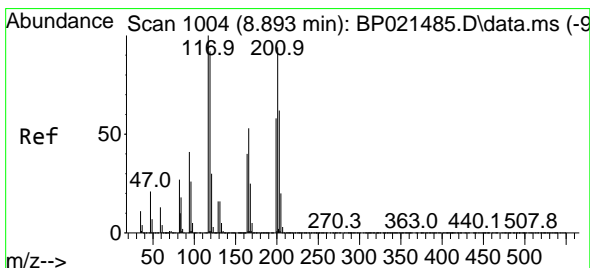
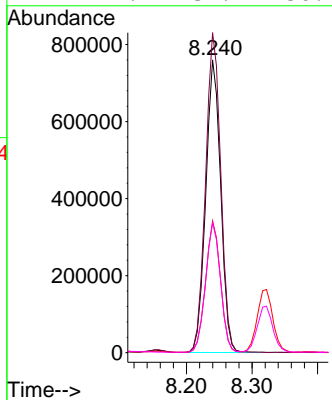
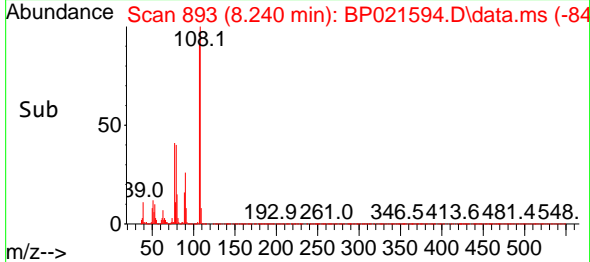


Tgt Ion: 107 Resp: 1205418

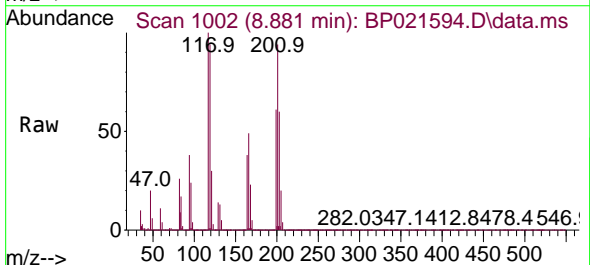
Ion	Ratio	Lower	Upper
107	100		
108	109.3	88.8	133.2
77	45.0	38.7	58.1
79	44.4	37.4	56.2

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 Supervised By :mohammad ahmed 08/22/2024

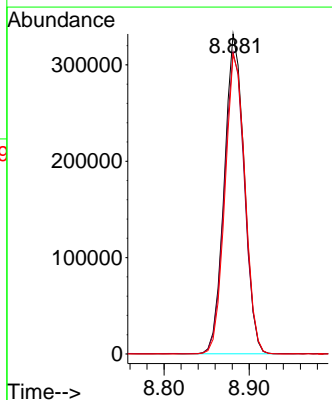
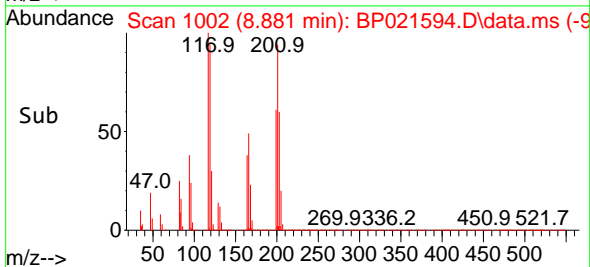


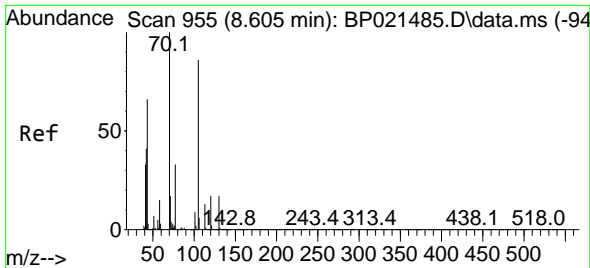
#18
 Hexachloroethane
 Concen: 42.619 ng
 RT: 8.881 min Scan# 1002
 Delta R.T. -0.012 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion: 117 Resp: 539177

Ion	Ratio	Lower	Upper
117	100		
119	94.3	73.9	110.9
201	93.6	74.9	112.3





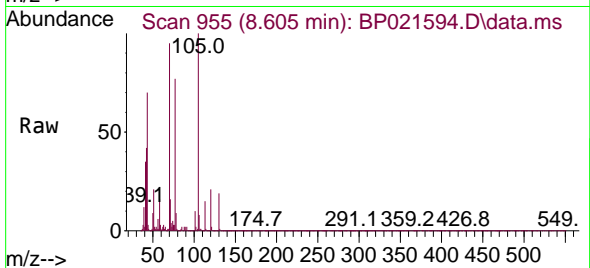
#19
 n-Nitroso-di-n-propylamine
 Concen: 34.647 ng
 RT: 8.605 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client Sample Id :

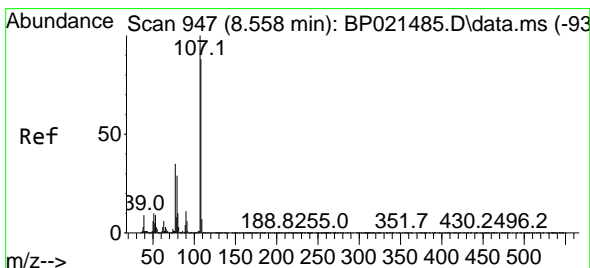
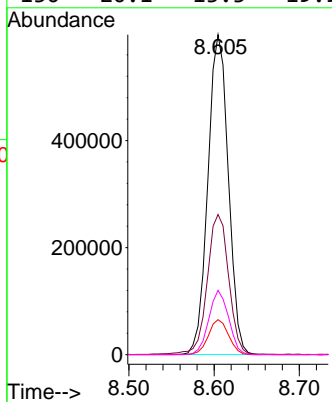
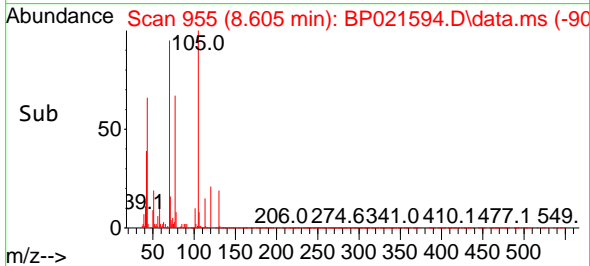
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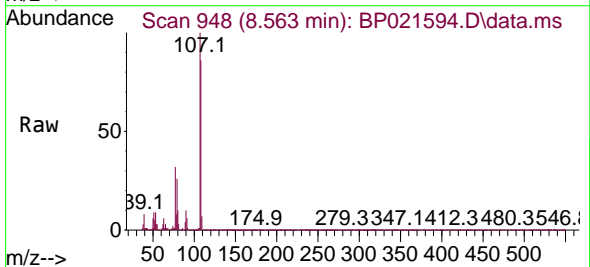
Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.8	33.1	49.7
101	10.9	7.4	11.2
130	20.1	13.3	19.9

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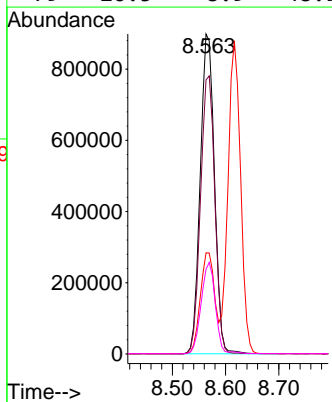
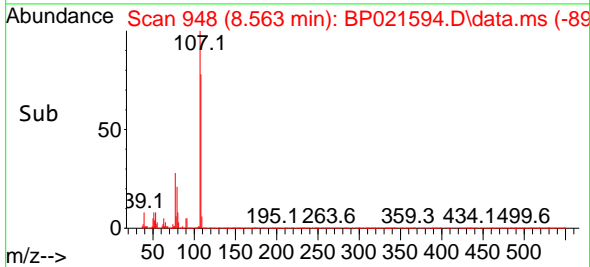
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

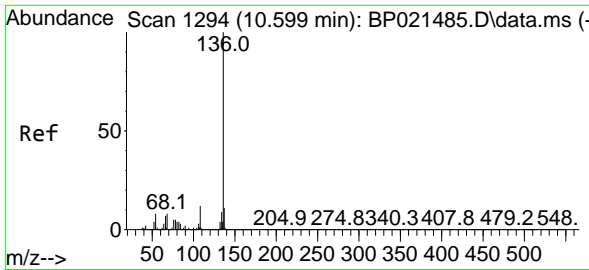


#20
 3+4-Methylphenols
 Concen: 45.318 ng
 RT: 8.563 min Scan# 948
 Delta R.T. 0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



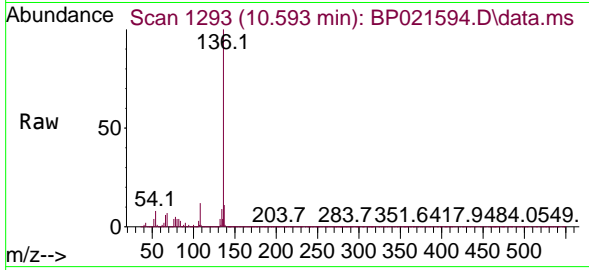
Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.6	67.6	107.6
77	31.6	15.0	55.0
79	26.5	8.9	48.9





#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.593 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :
 BNA_P
 Client Sample Id :
 PB162788BS

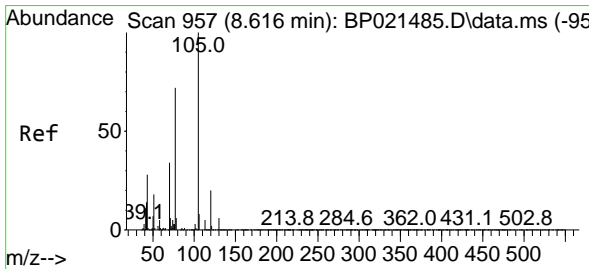
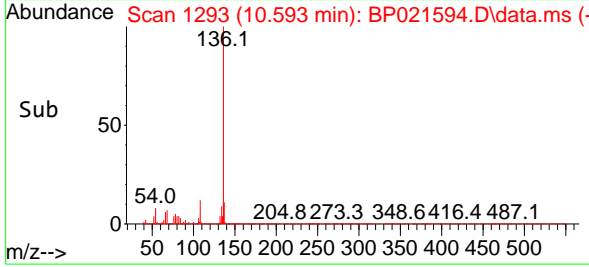
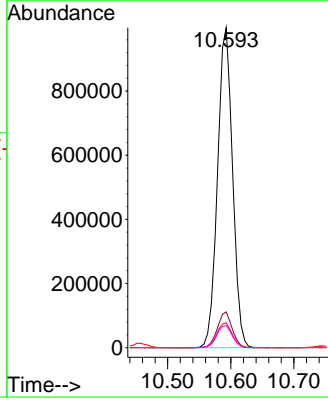


Tgt Ion:136 Resp: 164951

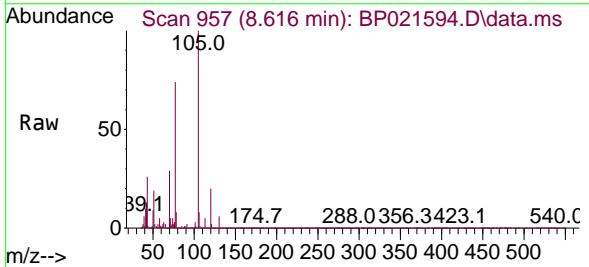
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.8	6.3	9.5
68	6.9	6.8	10.2

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Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

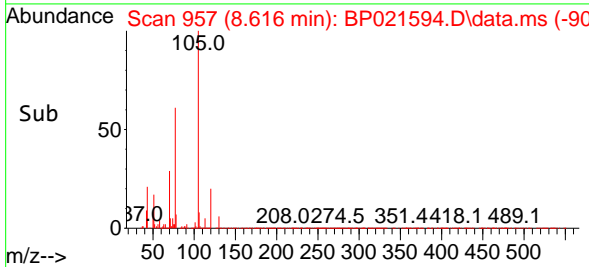
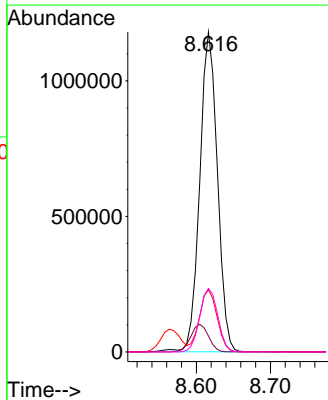


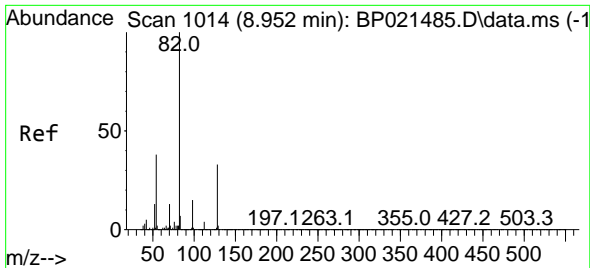
#22
 Acetophenone
 Concen: 38.403 ng
 RT: 8.616 min Scan# 957
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:105 Resp: 1946063

Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.6	7.0
51	19.5	16.3	24.5
120	19.9	16.2	24.2





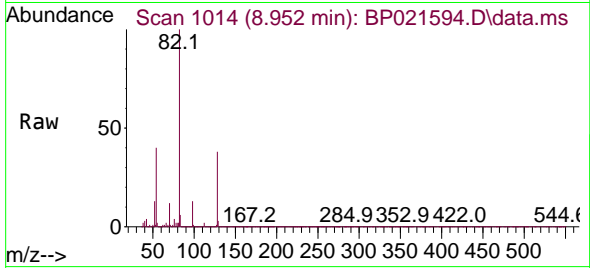
#23
 Nitrobenzene-d5
 Concen: 91.599 ng
 RT: 8.952 min Scan# 1014
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client Sample Id :

PB162788BS



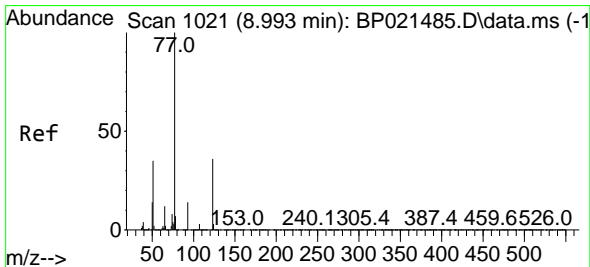
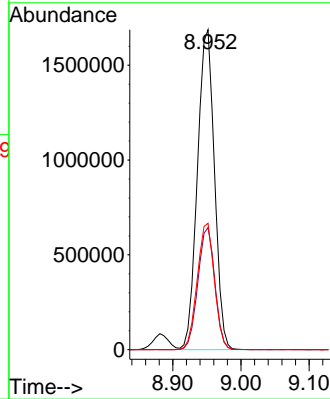
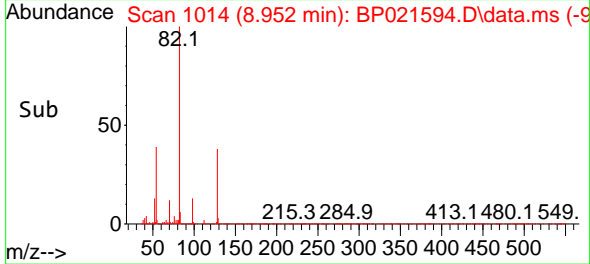
Tgt Ion: 82 Resp: 292731
 Ion Ratio Lower Upper
 82 100
 128 38.2 26.5 39.7
 54 39.5 30.3 45.5

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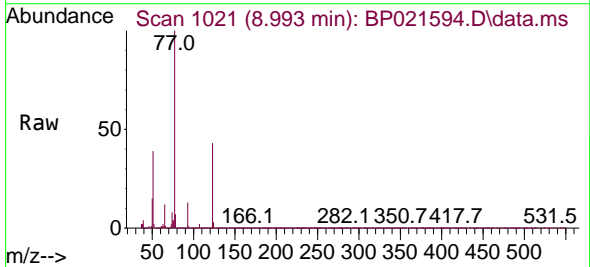
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Reviewed By :Yogesh Patel 08/22/2024

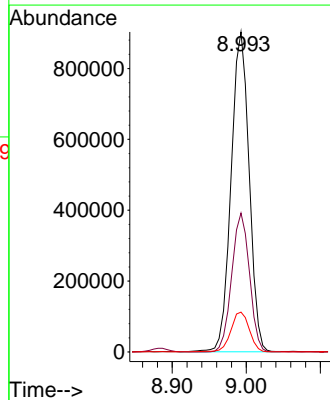
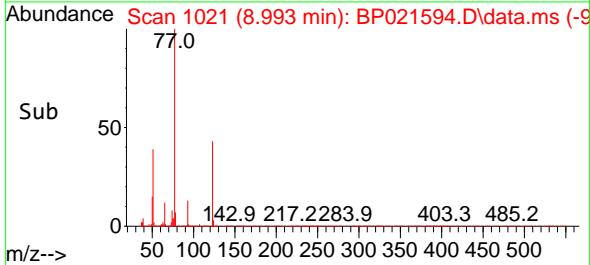
Supervised By :mohammad ahmed 08/22/2024

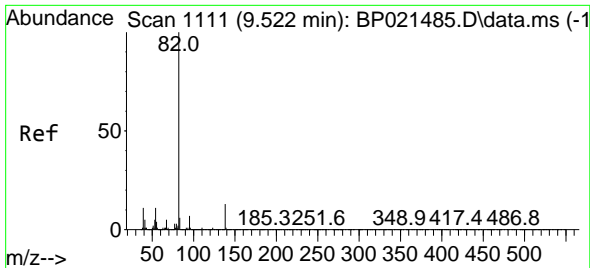


#24
 Nitrobenzene
 Concen: 43.927 ng
 RT: 8.993 min Scan# 1021
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



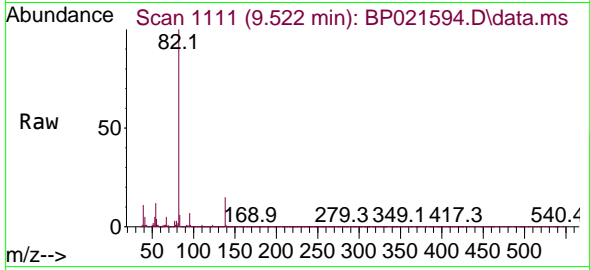
Tgt Ion: 77 Resp: 1524677
 Ion Ratio Lower Upper
 77 100
 123 43.4 29.5 44.3
 65 12.5 9.9 14.9





#25
 Isophorone
 Concen: 38.214 ng
 RT: 9.522 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

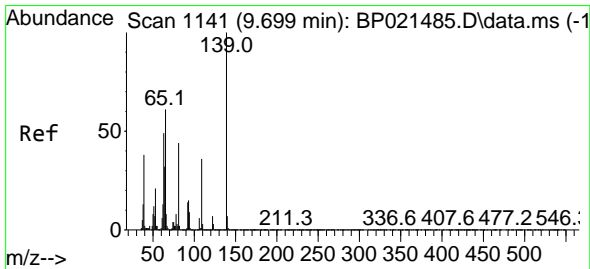
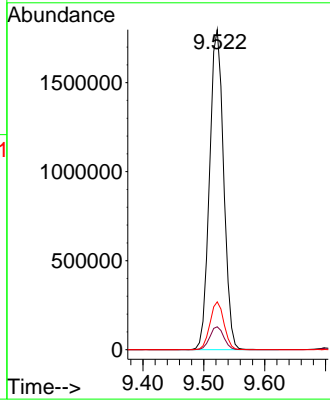
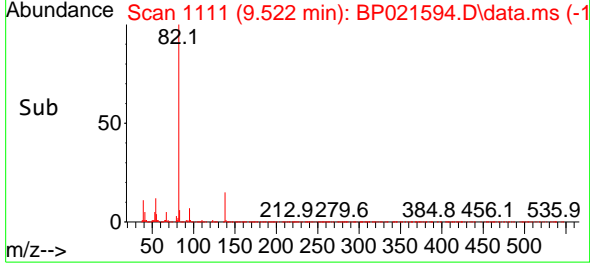
Instrument :
 BNA_P
 Client Sample Id :
 PB162788BS



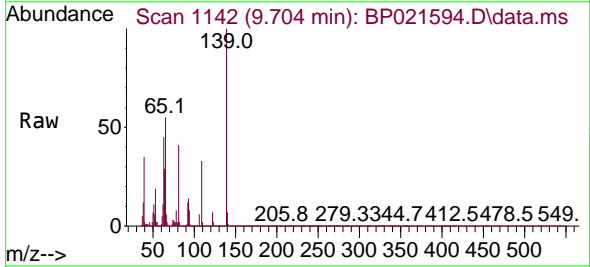
Tgt Ion: 82 Resp: 288514
 Ion Ratio Lower Upper
 82 100
 95 7.2 5.4 8.2
 138 14.9 10.6 16.0

Manual Integrations
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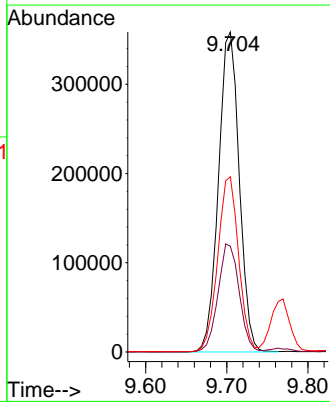
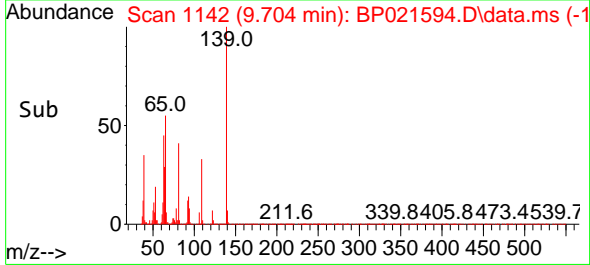
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

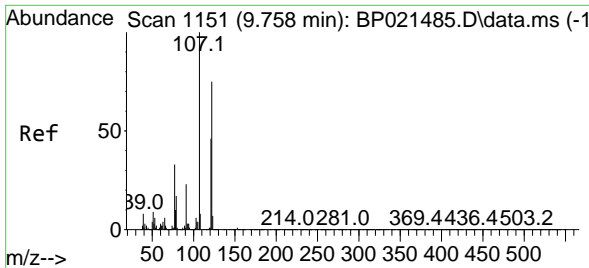


#26
 2-Nitrophenol
 Concen: 62.745 ng
 RT: 9.704 min Scan# 1142
 Delta R.T. 0.005 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:139 Resp: 637241
 Ion Ratio Lower Upper
 139 100
 109 33.0 28.9 43.3
 65 54.8 49.0 73.6





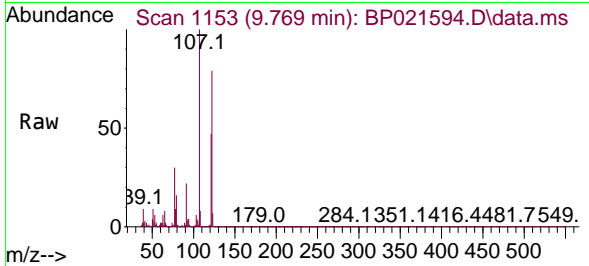
#27
 2,4-Dimethylphenol
 Concen: 50.318 ng
 RT: 9.769 min Scan# 1153
 Delta R.T. 0.012 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client Sample Id :

PB162788BS



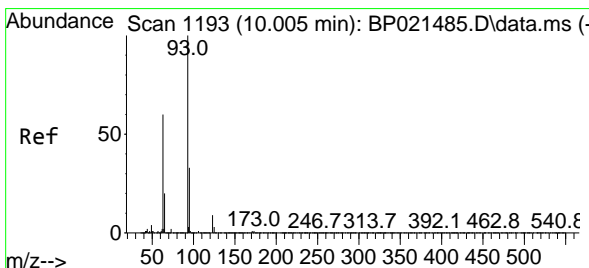
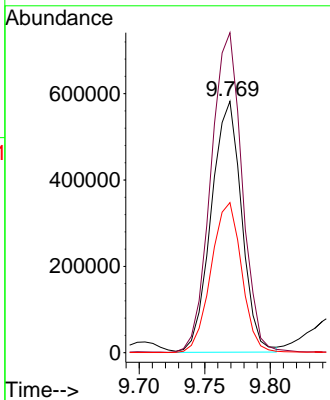
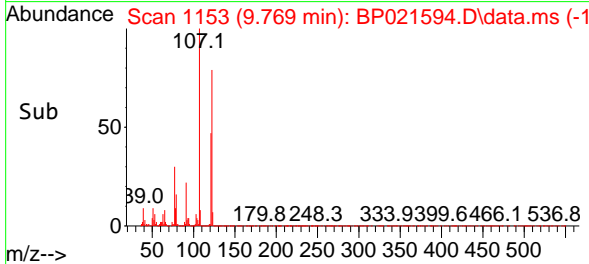
Tgt Ion: 122 Resp: 937530
 Ion Ratio Lower Upper
 122 100
 107 127.3 106.2 159.4
 121 59.7 48.8 73.2

Manual Integrations

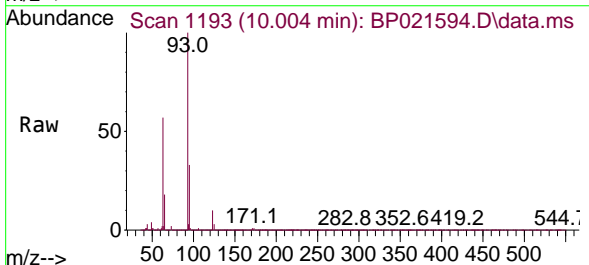
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

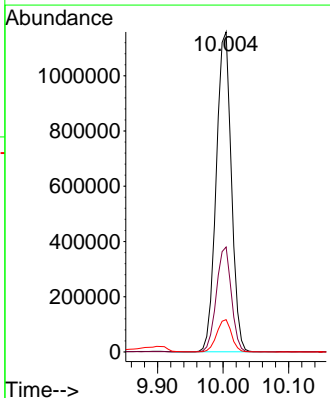
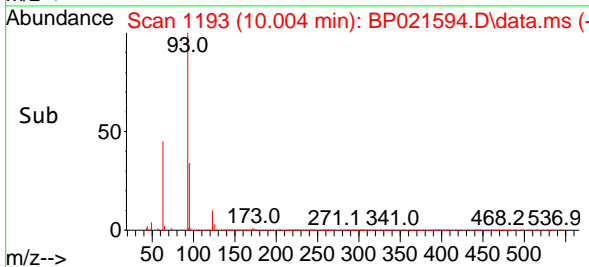
Supervised By :mohammad ahmed 08/22/2024

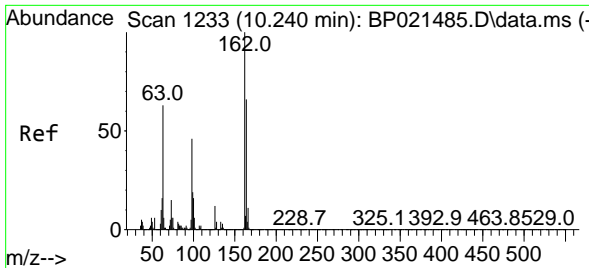


#28
 bis(2-Chloroethoxy)methane
 Concen: 40.013 ng
 RT: 10.004 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion: 93 Resp: 1844016
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.2 39.4
 123 10.1 7.6 11.4





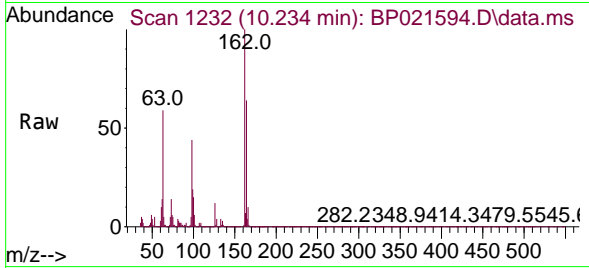
#29
 2,4-Dichlorophenol
 Concen: 52.126 ng
 RT: 10.234 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS



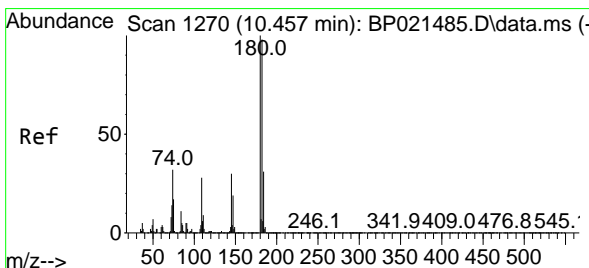
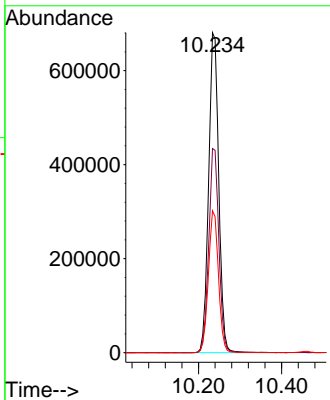
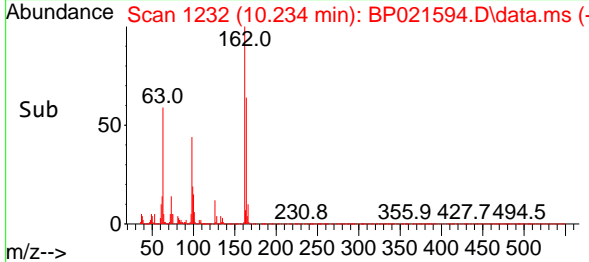
Tgt Ion:162 Resp: 1147538
 Ion Ratio Lower Upper
 162 100
 164 63.8 45.9 85.9
 98 44.3 26.3 66.3

Manual Integrations

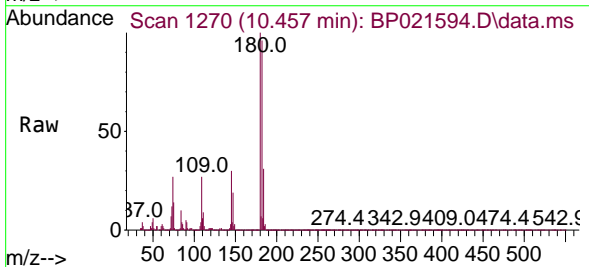
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Reviewed By :Yogesh Patel 08/22/2024

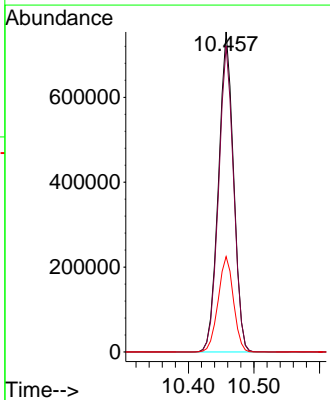
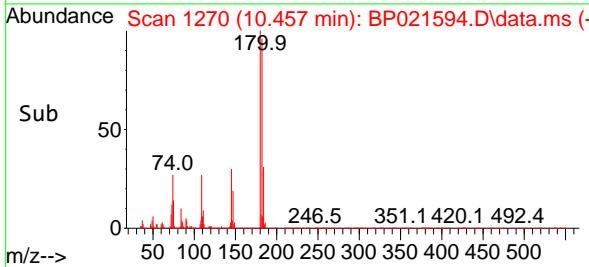
Supervised By :mohammad ahmed 08/22/2024

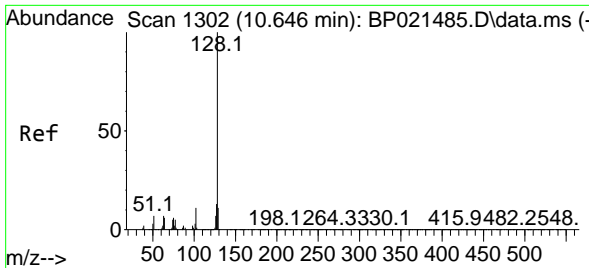


#30
 1,2,4-Trichlorobenzene
 Concen: 42.353 ng
 RT: 10.457 min Scan# 1270
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:180 Resp: 1195360
 Ion Ratio Lower Upper
 180 100
 182 95.6 78.3 117.5
 145 29.8 24.0 36.0





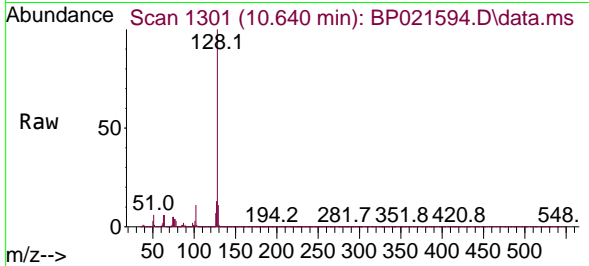
#31
 Naphthalene
 Concen: 42.868 ng
 RT: 10.640 min Scan# 1176
 Delta R.T. -0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client Sample Id :

PB162788BS

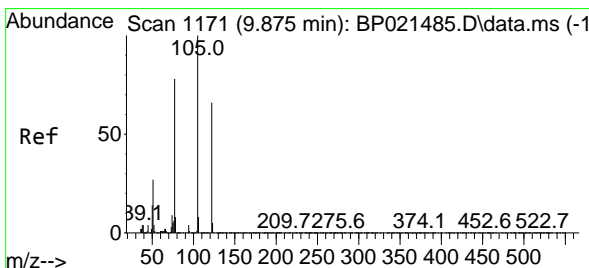
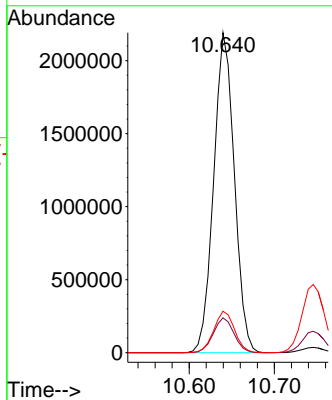
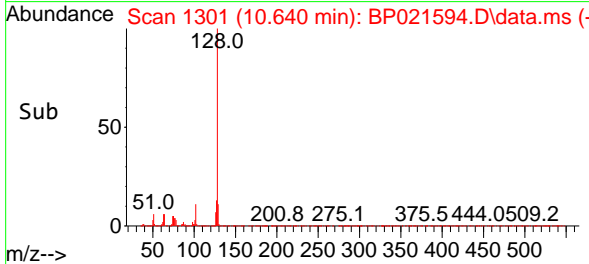


Tgt Ion:128 Resp: 369397
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.6 12.8
 127 13.0 10.6 15.8

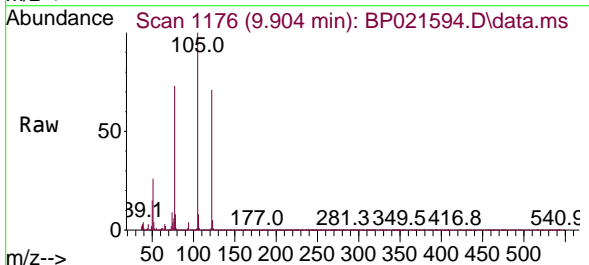
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Reviewed By :Yogesh Patel 08/22/2024

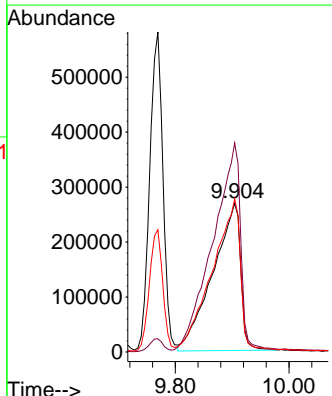
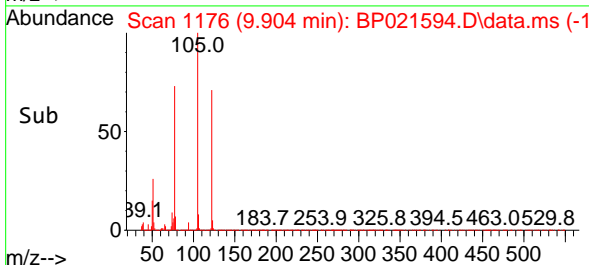
Supervised By :mohammad ahmed 08/22/2024

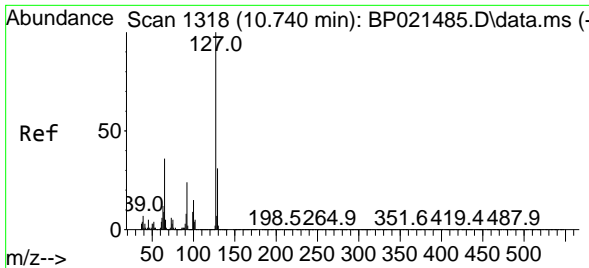


#32
 Benzoic acid
 Concen: 65.023 ng
 RT: 9.904 min Scan# 1176
 Delta R.T. 0.029 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



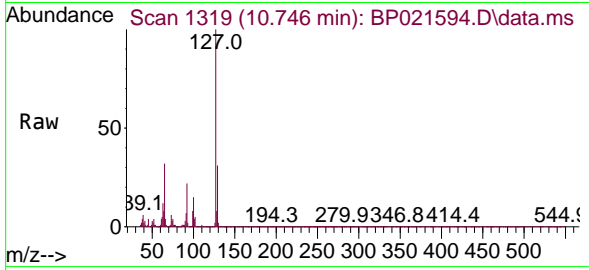
Tgt Ion:122 Resp: 910002
 Ion Ratio Lower Upper
 122 100
 105 140.5 124.6 164.6
 77 103.0 96.2 136.2





#33
 4-Chloroaniline
 Concen: 26.851 ng
 RT: 10.746 min Scan# 111
 Delta R.T. 0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :
 BNA_P
 Client Sample Id :
 PB162788BS

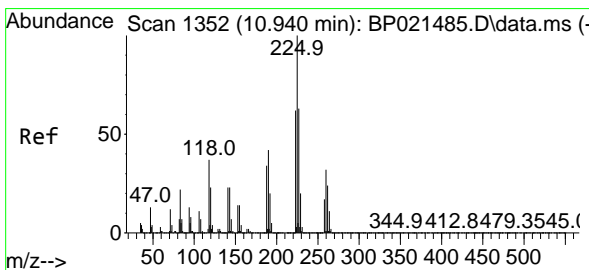
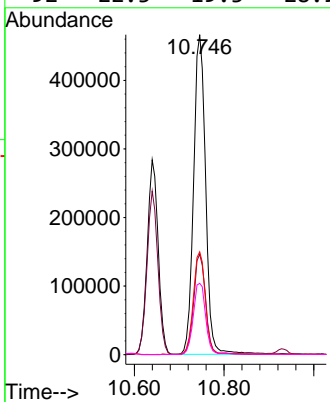
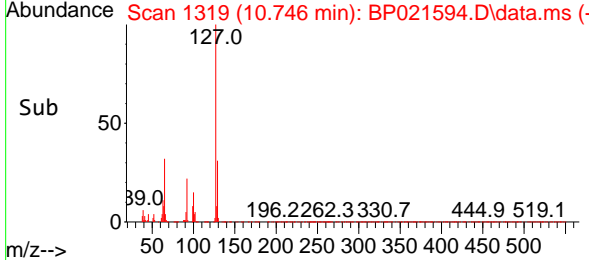


Tgt Ion: 127 Resp: 869140

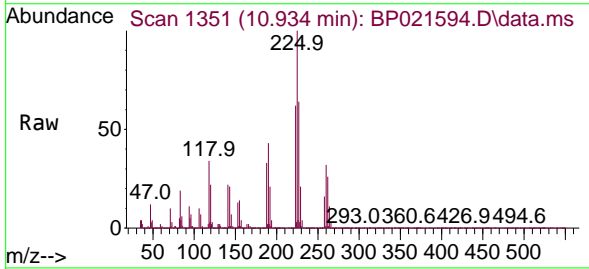
Ion	Ratio	Lower	Upper
127	100		
129	31.4	24.5	36.7
65	32.1	28.9	43.3
92	22.3	19.3	28.9

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Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

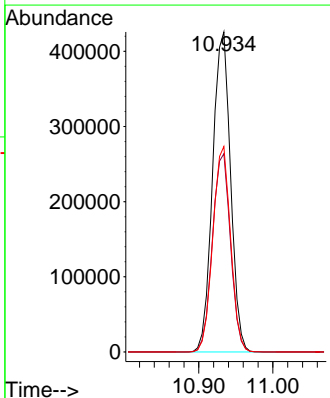
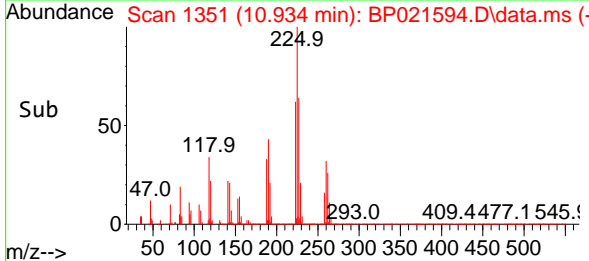


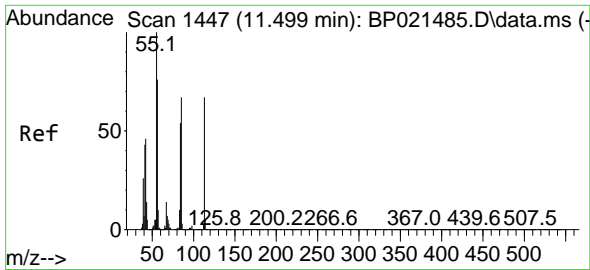
#34
 Hexachlorobutadiene
 Concen: 40.221 ng
 RT: 10.934 min Scan# 1351
 Delta R.T. -0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion: 225 Resp: 714754

Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.6	74.4
227	64.2	50.1	75.1





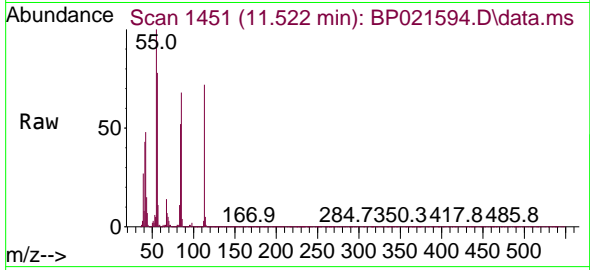
#35
 Caprolactam
 Concen: 46.130 ng
 RT: 11.522 min Scan# 1447
 Delta R.T. 0.023 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client Sample Id :

PB162788BS



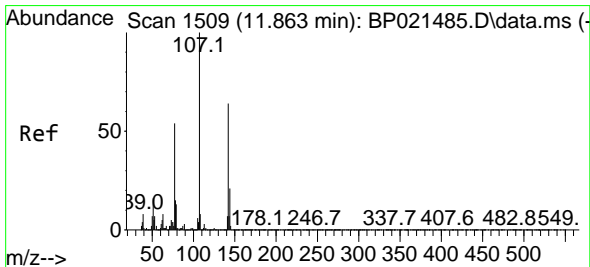
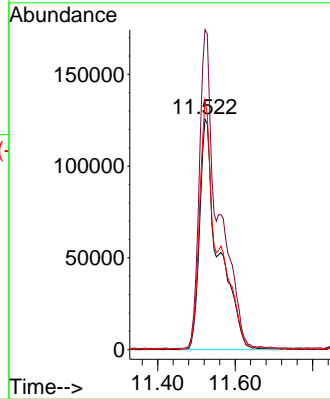
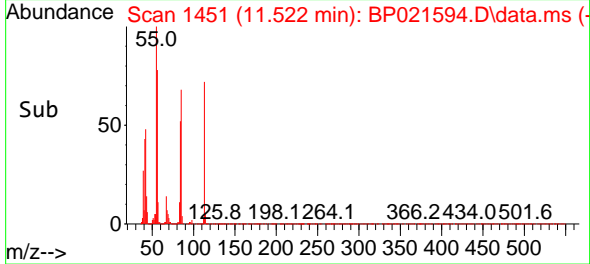
Tgt Ion:113 Resp: 42270
 Ion Ratio Lower Upper
 113 100
 55 138.8 130.6 170.6
 56 108.1 94.6 134.6

Manual Integrations

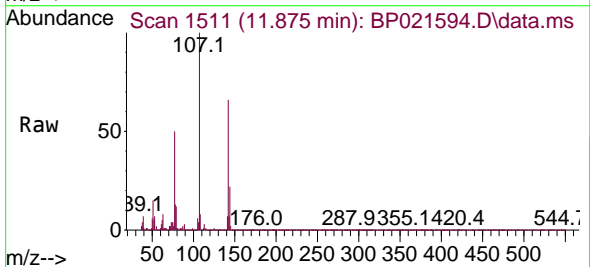
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

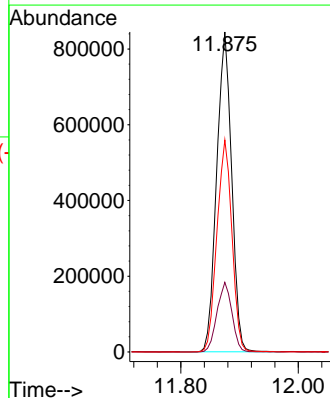
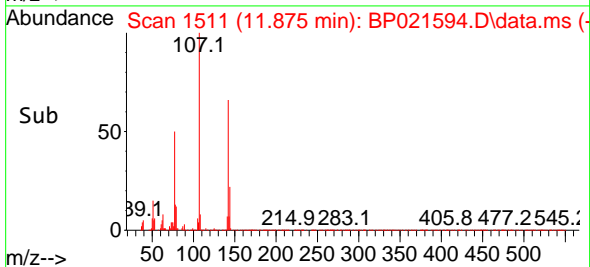
Supervised By :mohammad ahmed 08/22/2024

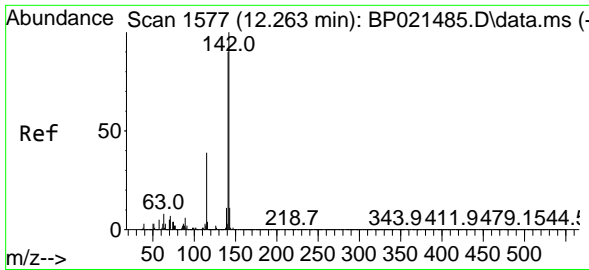


#36
 4-Chloro-3-methylphenol
 Concen: 48.834 ng
 RT: 11.875 min Scan# 1511
 Delta R.T. 0.012 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



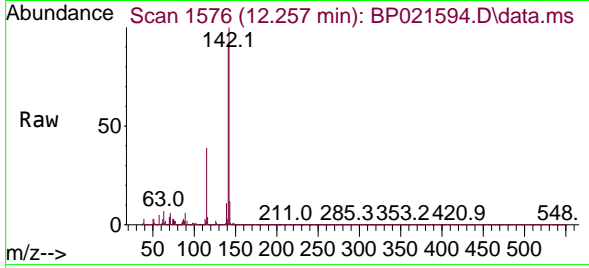
Tgt Ion:107 Resp: 1491263
 Ion Ratio Lower Upper
 107 100
 144 21.7 16.6 24.8
 142 66.3 51.0 76.4





#37
 2-Methylnaphthalene
 Concen: 42.090 ng
 RT: 12.257 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

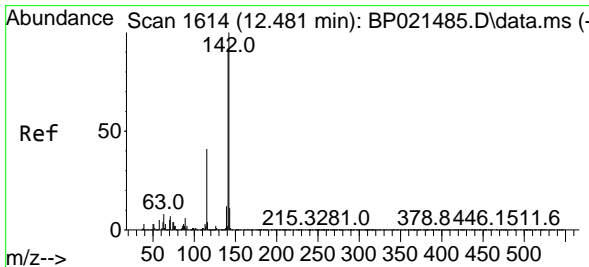
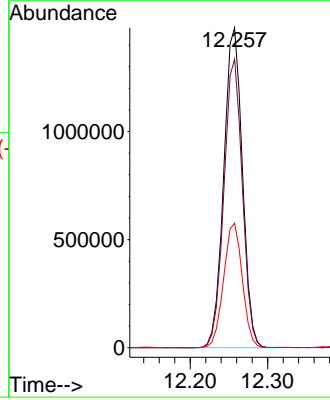
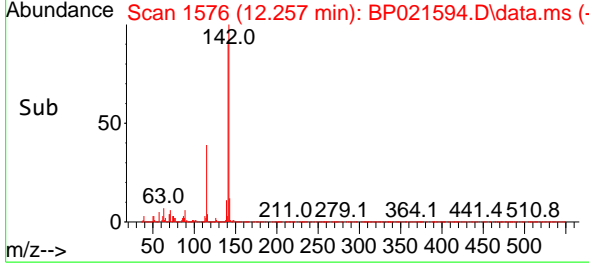
Instrument :
 BNA_P
 ClientSampleId :
 PB162788BS



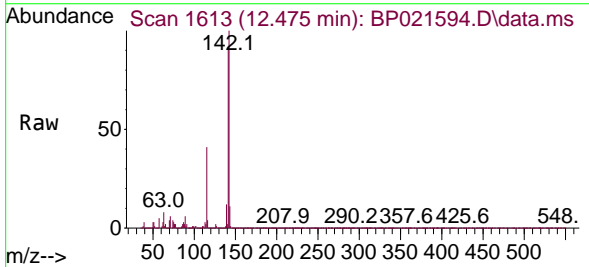
Tgt Ion:142 Resp: 247534
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.7 107.5
 115 38.9 31.4 47.2

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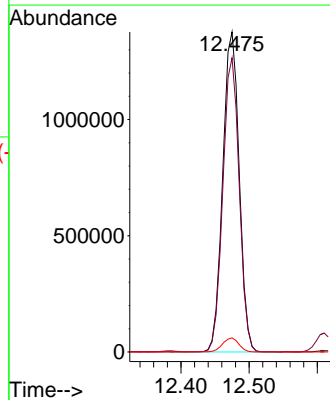
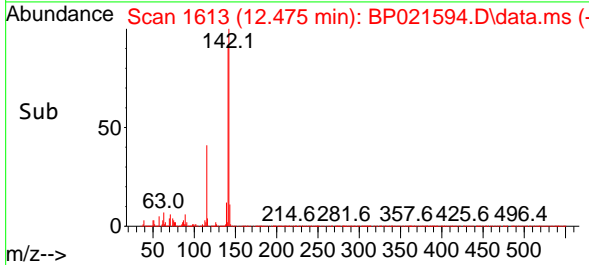
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

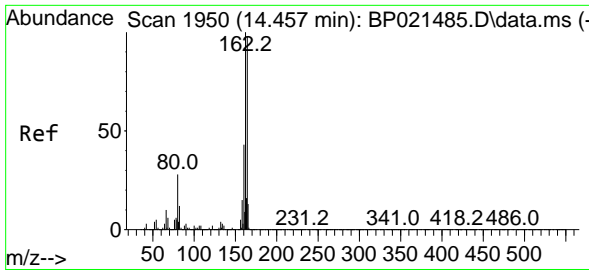


#38
 1-Methylnaphthalene
 Concen: 39.781 ng
 RT: 12.475 min Scan# 1613
 Delta R.T. -0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:142 Resp: 2307433
 Ion Ratio Lower Upper
 142 100
 141 91.9 73.5 110.3
 116 4.4 3.4 5.2





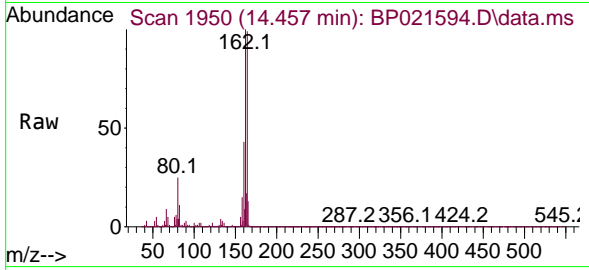
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.457 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client Sample Id :

PB162788BS



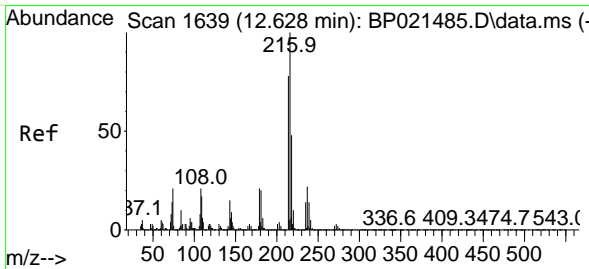
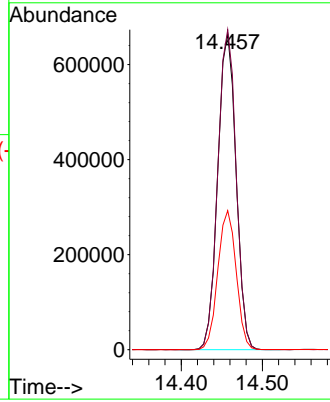
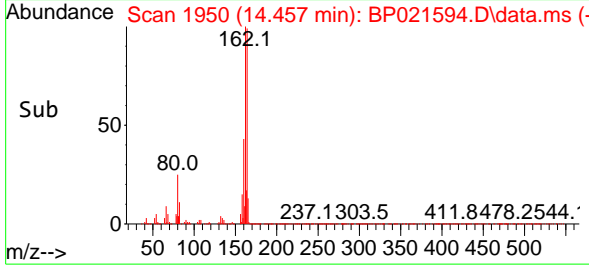
Tgt Ion:164 Resp: 1043030
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.5 122.3
 160 44.0 35.2 52.8

Manual Integrations

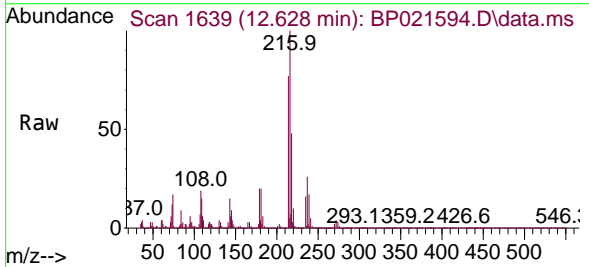
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

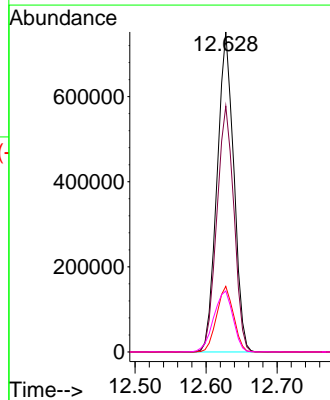
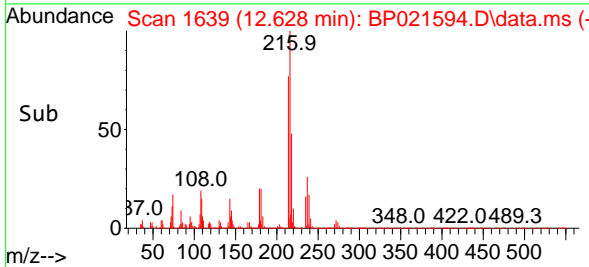
Supervised By :mohammad ahmed 08/22/2024

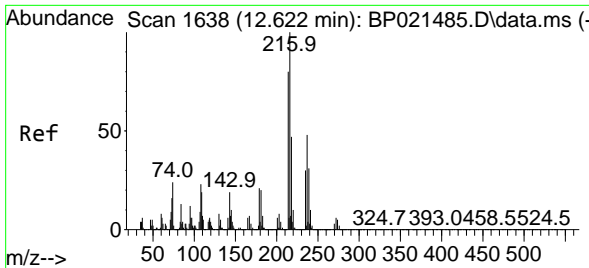


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.010 ng
 RT: 12.628 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



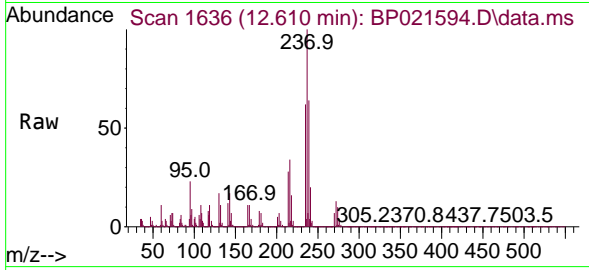
Tgt Ion:216 Resp: 1222750
 Ion Ratio Lower Upper
 216 100
 214 78.6 62.5 93.7
 179 20.8 16.4 24.6
 108 22.1 16.7 25.1





#41
 Hexachlorocyclopentadiene
 Concen: 113.481 ng
 RT: 12.610 min Scan# 10
 Delta R.T. -0.012 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

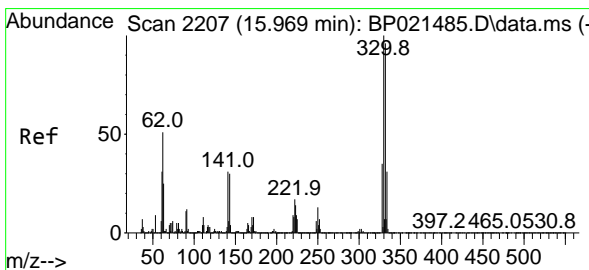
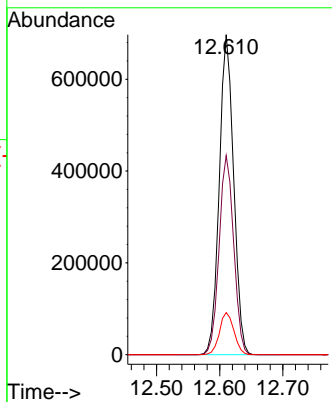
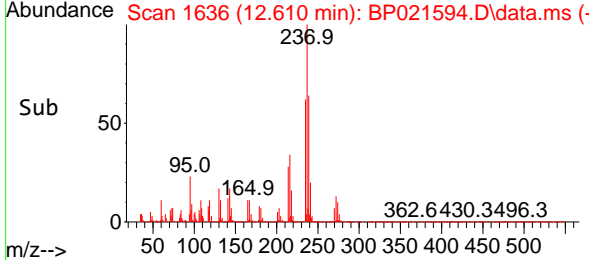
Instrument :
 BNA_P
 Client Sample Id :
 PB162788BS



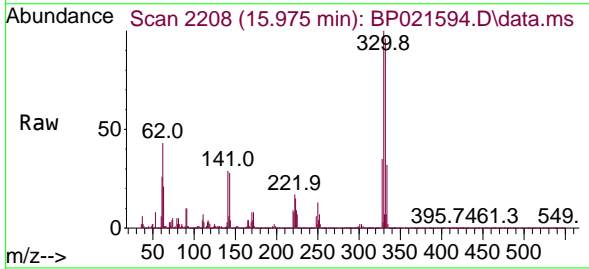
Tgt Ion: 237 Resp: 1099174
 Ion Ratio Lower Upper
 237 100
 235 62.2 43.9 83.9
 272 13.1 0.0 33.3

Manual Integrations
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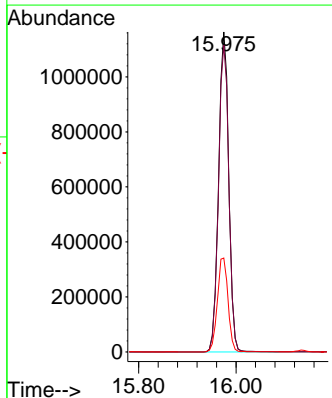
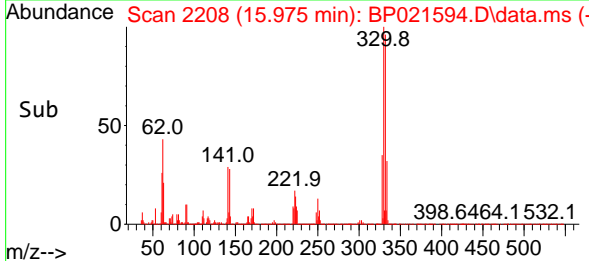
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

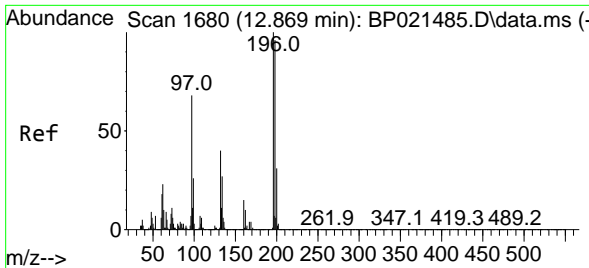


#42
 2,4,6-Tribromophenol
 Concen: 145.552 ng
 RT: 15.975 min Scan# 2208
 Delta R.T. 0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



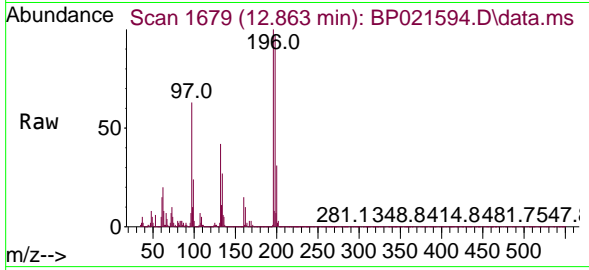
Tgt Ion: 330 Resp: 1689654
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.0
 141 30.6 24.5 36.7





#43
 2,4,6-Trichlorophenol
 Concen: 54.540 ng
 RT: 12.863 min Scan# 1692
 Delta R.T. -0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

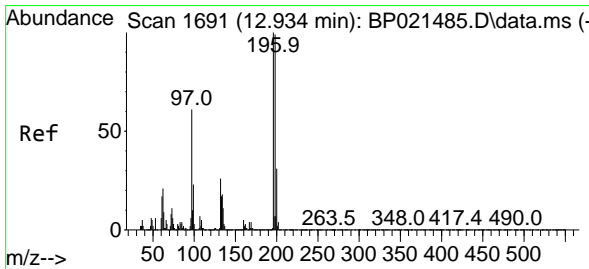
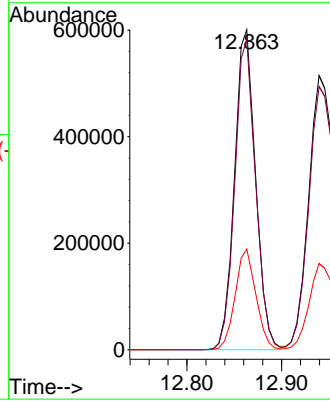
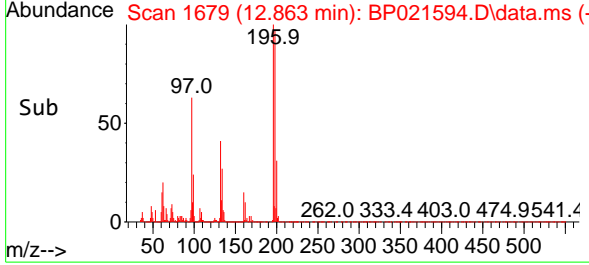
Instrument : BNA_P
 ClientSampleId : PB162788BS



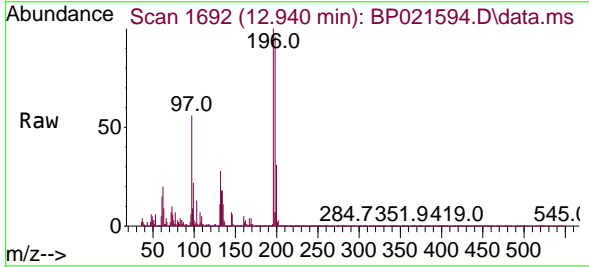
Tgt Ion:196 Resp: 92588
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.6 114.8
 200 31.5 24.5 36.7

Manual Integrations
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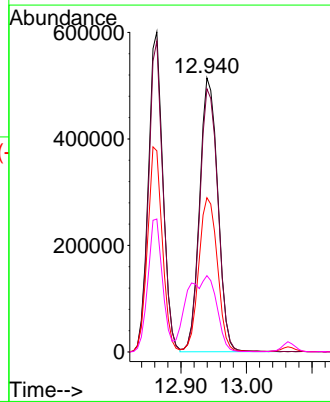
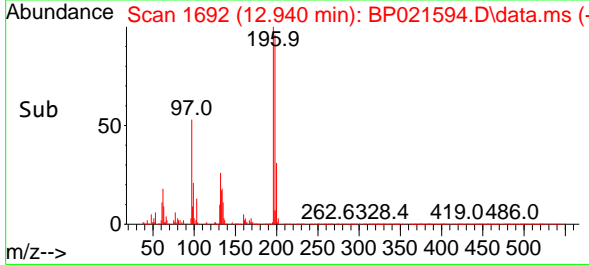
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

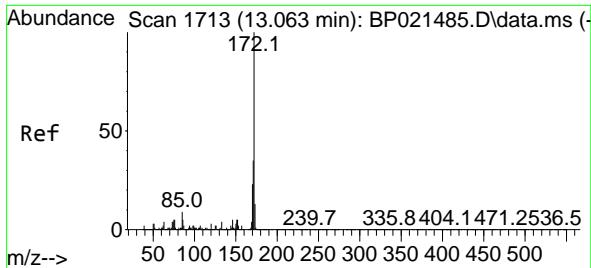


#44
 2,4,5-Trichlorophenol
 Concen: 52.741 ng
 RT: 12.940 min Scan# 1692
 Delta R.T. 0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



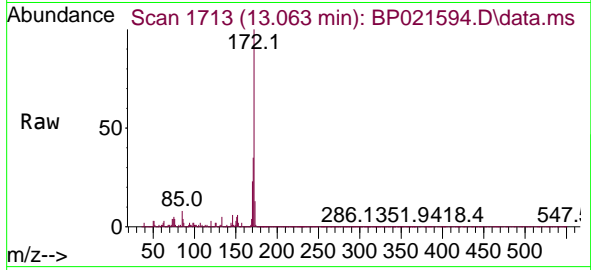
Tgt Ion:196 Resp: 994761
 Ion Ratio Lower Upper
 196 100
 198 96.0 78.9 118.3
 97 56.2 49.4 74.0
 132 27.9 21.1 31.7





#45
 2-Fluorobiphenyl
 Concen: 78.750 ng
 RT: 13.063 min Scan# 1713
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument : BNA_P
 Client Sample Id : PB162788BS

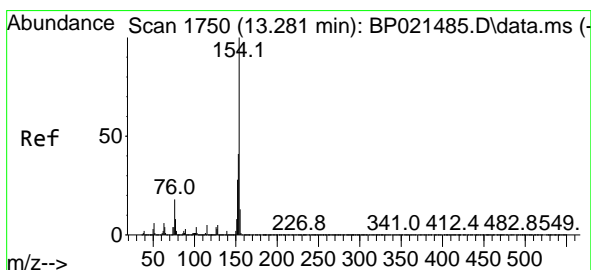
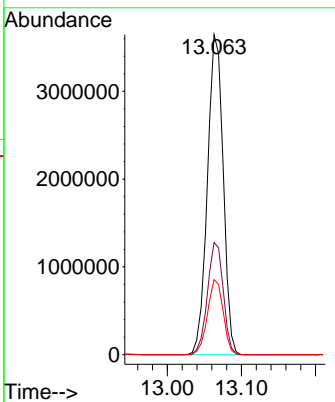
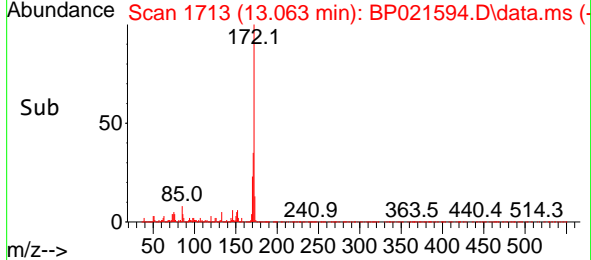


Tgt Ion:172 Resp: 538209

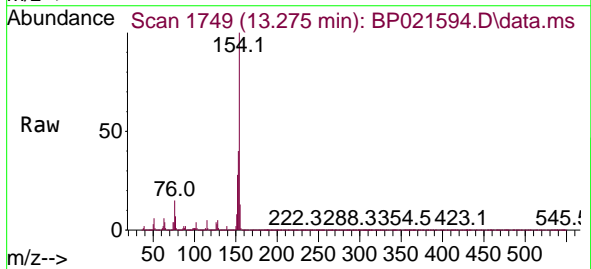
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	23.5	18.4	27.6

Manual Integrations
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Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

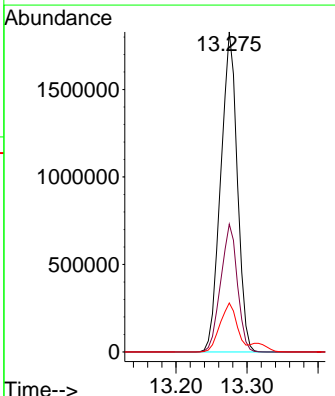
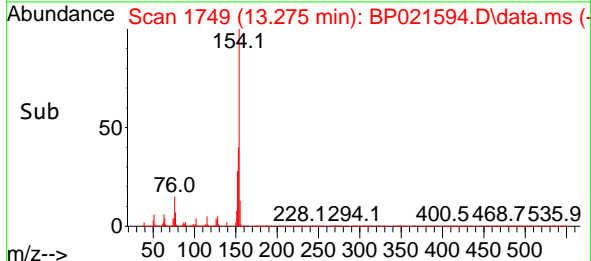


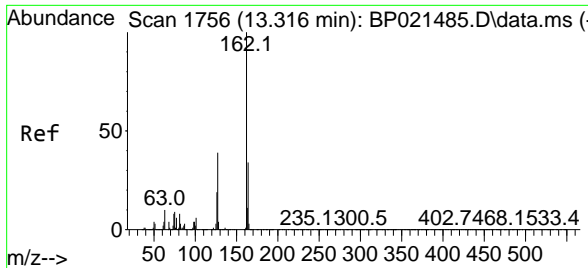
#46
 1,1'-Biphenyl
 Concen: 40.110 ng
 RT: 13.275 min Scan# 1749
 Delta R.T. -0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:154 Resp: 2959960

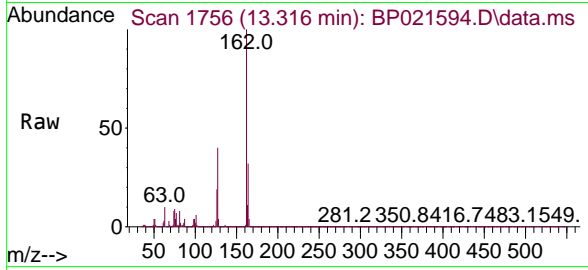
Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.7	60.7
76	15.3	0.0	37.7





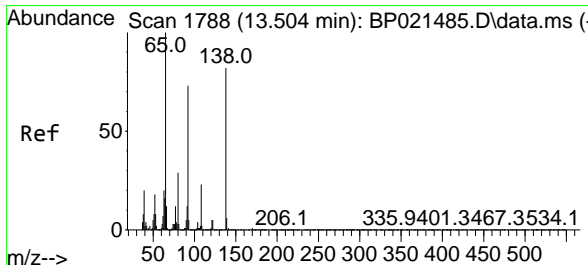
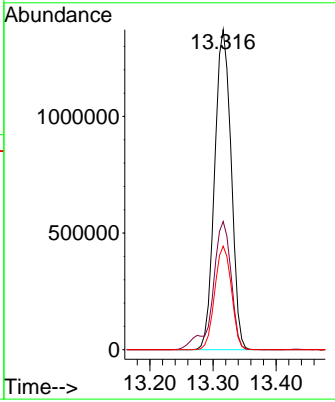
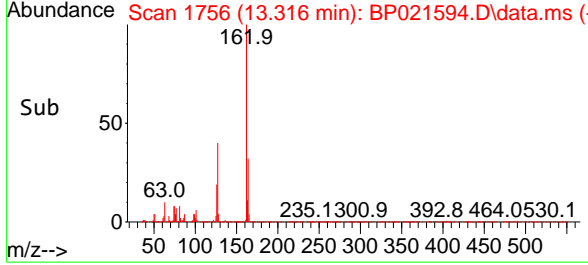
#47
 2-Chloronaphthalene
 Concen: 43.346 ng
 RT: 13.316 min Scan# 1756
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument : BNA_P
 Client Sample Id : PB162788BS

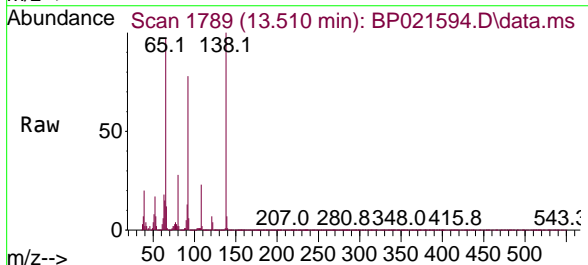


Tgt Ion: 162 Resp: 249036
 Ion Ratio Lower Upper
 162 100
 127 40.0 31.9 47.9
 164 32.4 26.8 40.2

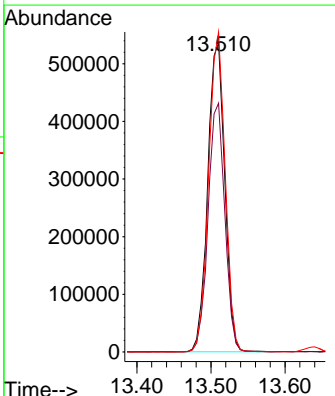
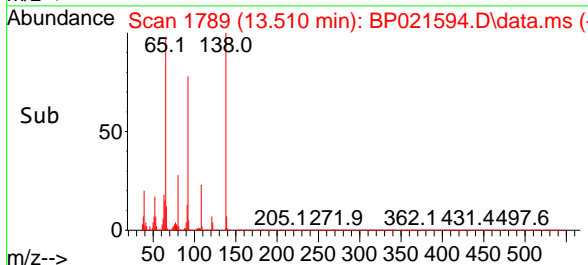
Manual Integrations
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 Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

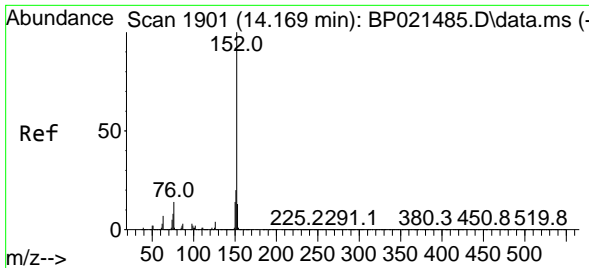


#48
 2-Nitroaniline
 Concen: 52.599 ng
 RT: 13.510 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion: 65 Resp: 855860
 Ion Ratio Lower Upper
 65 100
 92 80.5 58.1 87.1
 138 103.5 65.5 98.3#





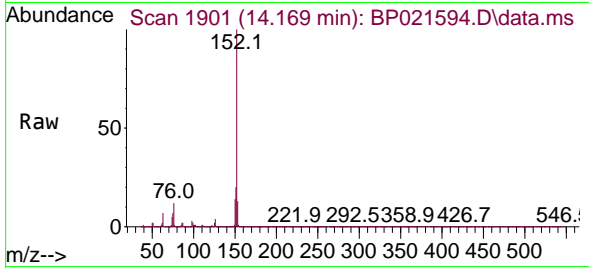
#49
 Acenaphthylene
 Concen: 47.745 ng
 RT: 14.169 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client Sample Id :

PB162788BS



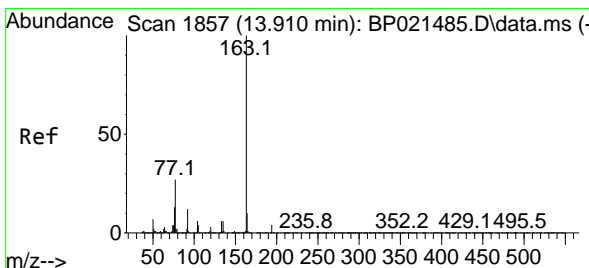
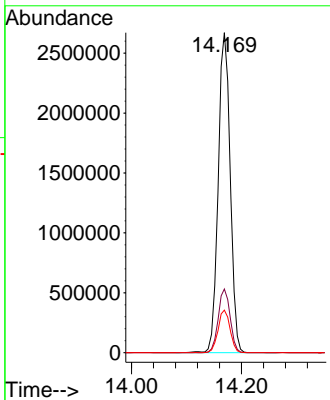
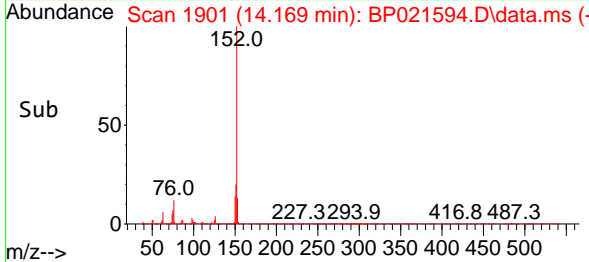
Tgt Ion: 152 Resp: 403245
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.9 23.9
 153 13.3 10.6 16.0

Manual Integrations

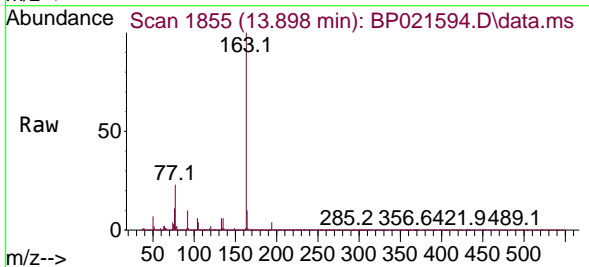
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

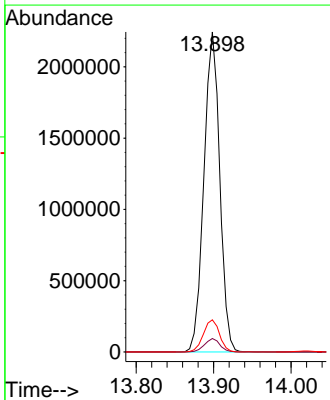
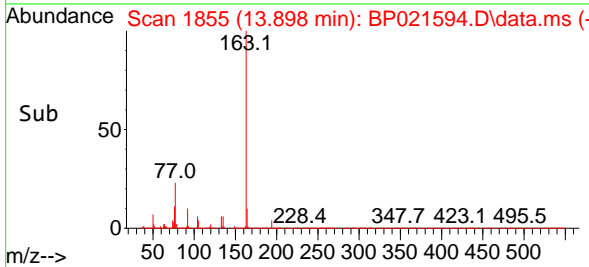
Supervised By :mohammad ahmed 08/22/2024

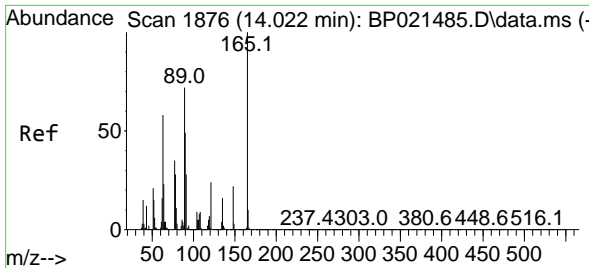


#50
 Dimethylphthalate
 Concen: 45.510 ng
 RT: 13.898 min Scan# 1855
 Delta R.T. -0.012 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion: 163 Resp: 3178935
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.3 4.9
 164 10.1 8.3 12.5





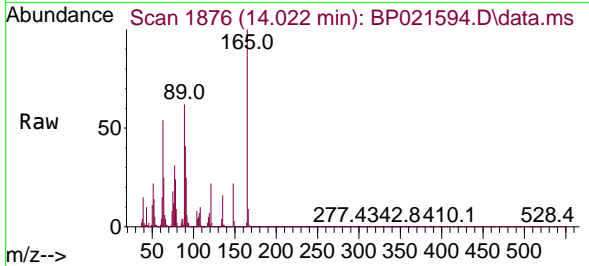
#51
 2,6-Dinitrotoluene
 Concen: 50.126 ng
 RT: 14.022 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client Sample Id :

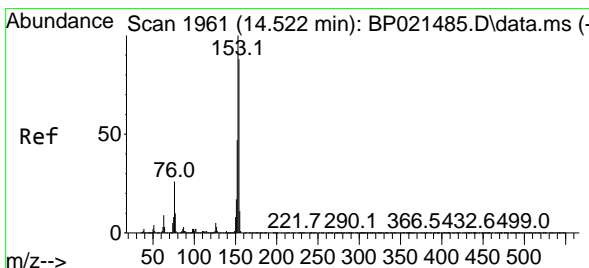
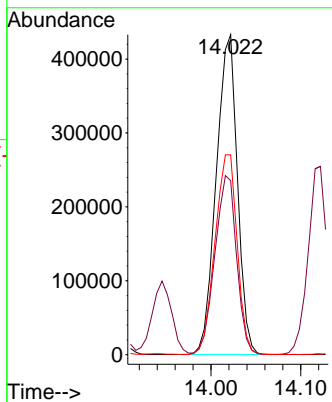
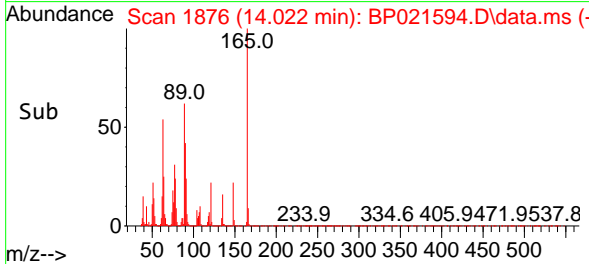
PB162788BS



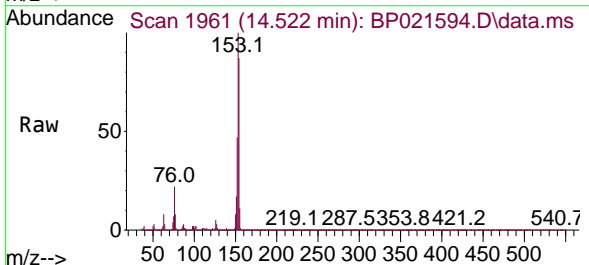
Tgt Ion:165 Resp: 70910
 Ion Ratio Lower Upper
 165 100
 63 54.4 51.5 77.3
 89 62.5 57.8 86.8

Manual Integrations
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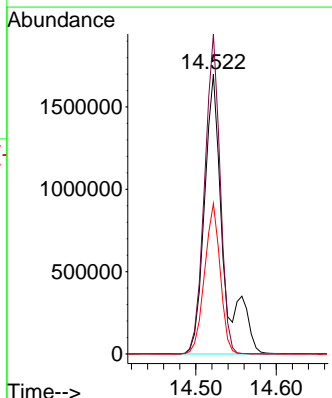
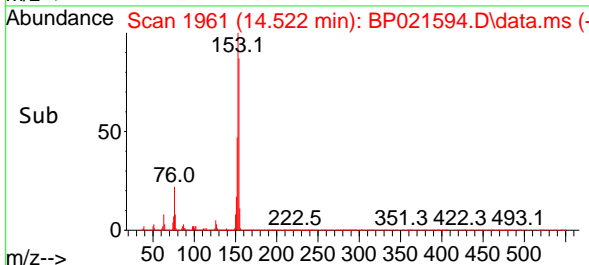
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

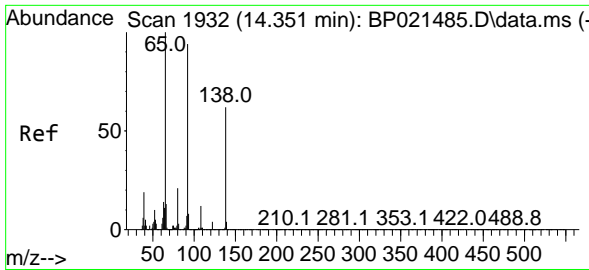


#52
 Acenaphthene
 Concen: 49.836 ng m
 RT: 14.522 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:154 Resp: 2761713
 Ion Ratio Lower Upper
 154 100
 153 114.4 91.1 136.7
 152 53.8 43.0 64.4





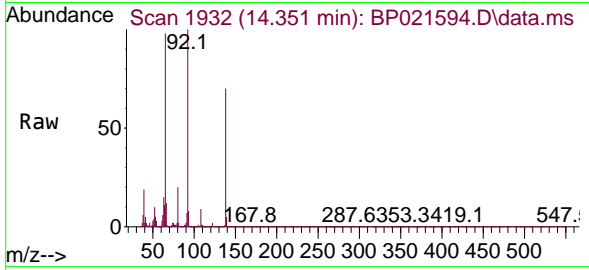
#53
 3-Nitroaniline
 Concen: 43.317 ng
 RT: 14.351 min Scan# 1932
 Delta R.T. 0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client Sample Id :

PB162788BS



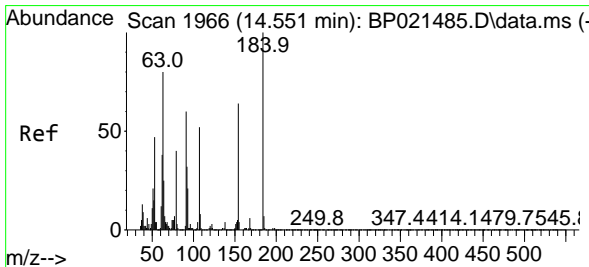
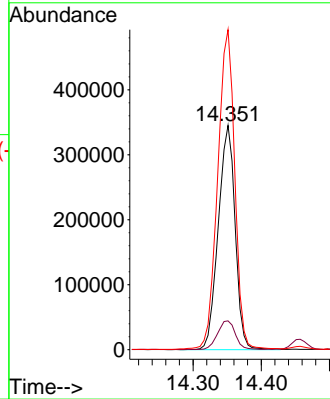
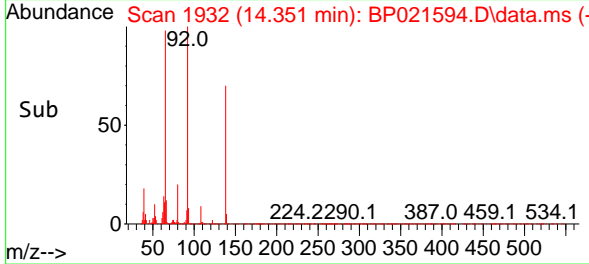
Tgt Ion:138 Resp: 594258
 Ion Ratio Lower Upper
 138 100
 108 12.9 16.2 24.4#
 92 142.7 122.2 183.4

Manual Integrations

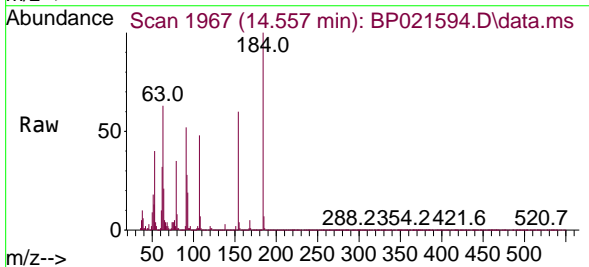
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

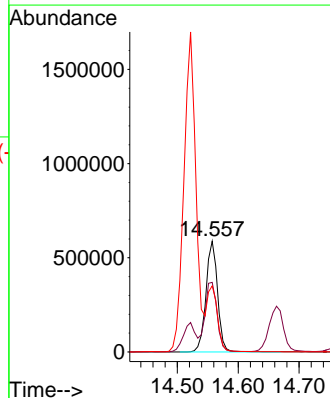
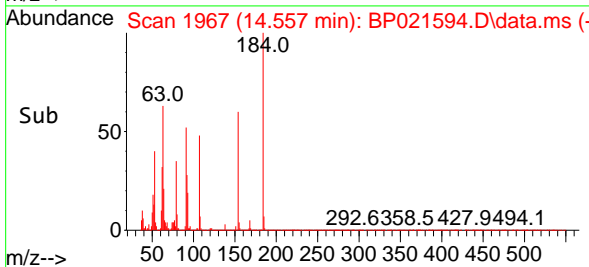
Supervised By :mohammad ahmed 08/22/2024

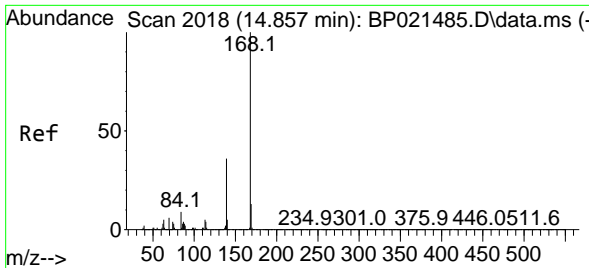


#54
 2,4-Dinitrophenol
 Concen: 123.232 ng
 RT: 14.557 min Scan# 1967
 Delta R.T. 0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:184 Resp: 779718
 Ion Ratio Lower Upper
 184 100
 63 62.8 64.9 97.3#
 154 59.7 52.1 78.1





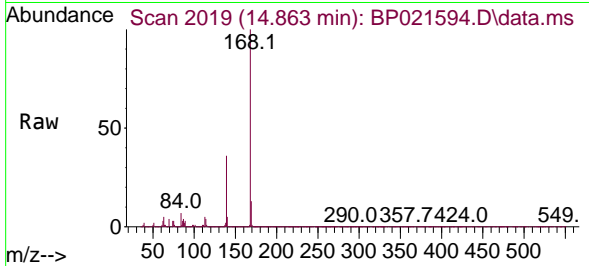
#55
 Dibenzofuran
 Concen: 43.881 ng
 RT: 14.863 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS



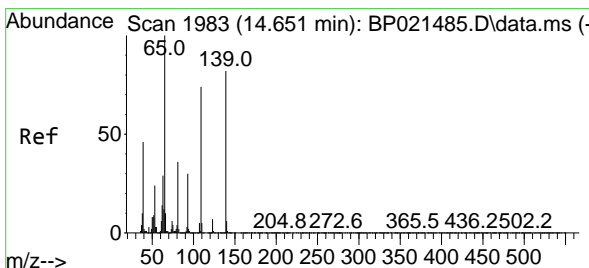
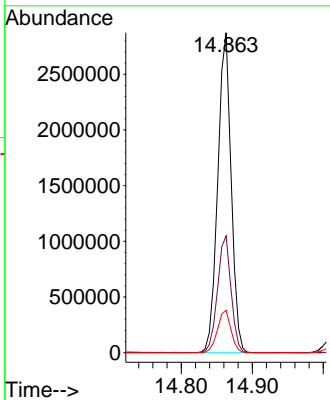
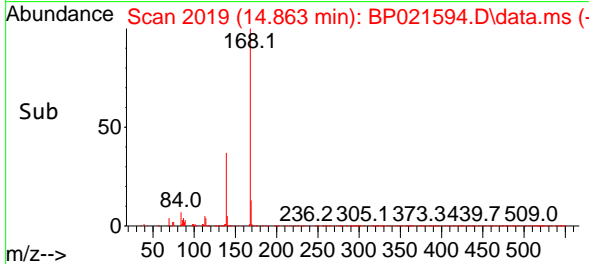
Tgt Ion:168 Resp: 3740780
 Ion Ratio Lower Upper
 168 100
 139 36.5 28.6 43.0
 169 13.2 10.6 16.0

Manual Integrations

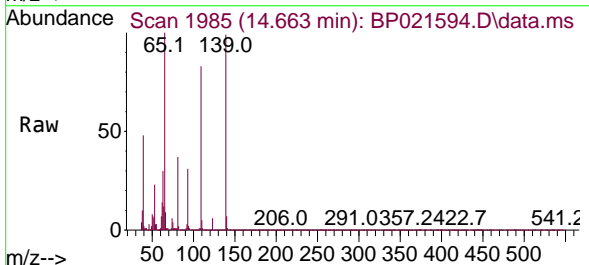
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

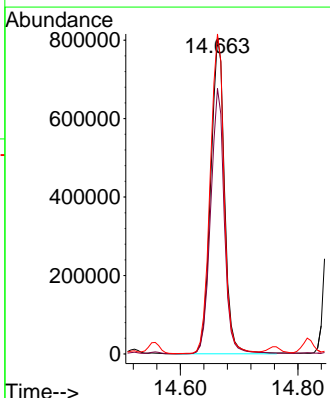
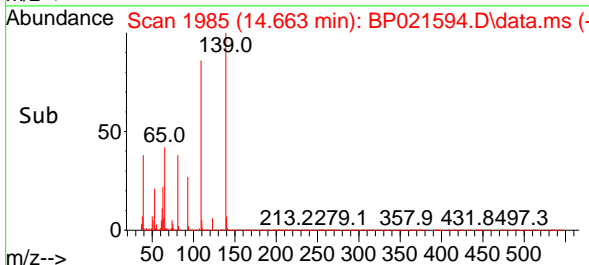
Supervised By :mohammad ahmed 08/22/2024

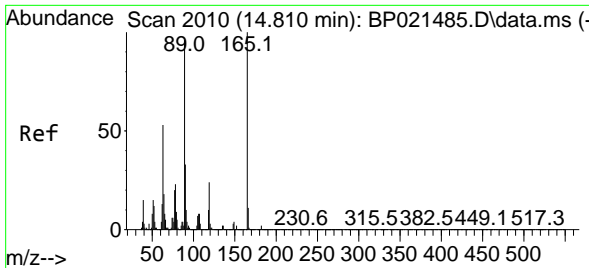


#56
 4-Nitrophenol
 Concen: 111.298 ng
 RT: 14.663 min Scan# 1985
 Delta R.T. 0.012 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:139 Resp: 1313936
 Ion Ratio Lower Upper
 139 100
 109 83.8 70.2 110.2
 65 101.0 101.8 141.8#





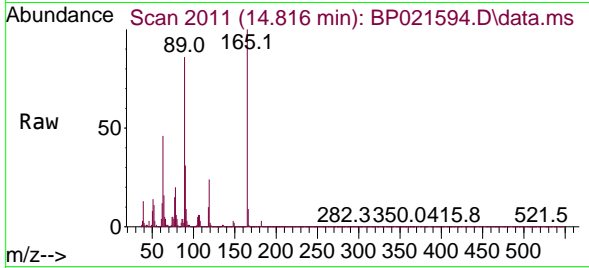
#57
 2,4-Dinitrotoluene
 Concen: 54.550 ng
 RT: 14.816 min Scan# 2010
 Delta R.T. 0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client Sample Id :

PB162788BS



Tgt Ion: 165 Resp: 99143

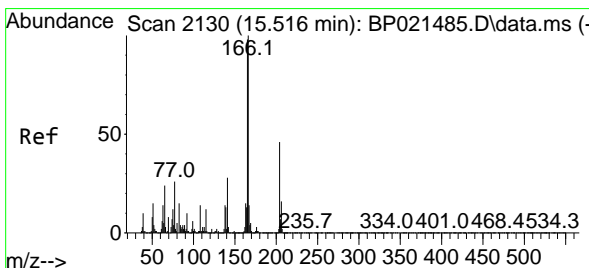
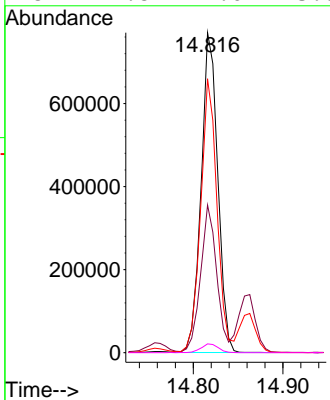
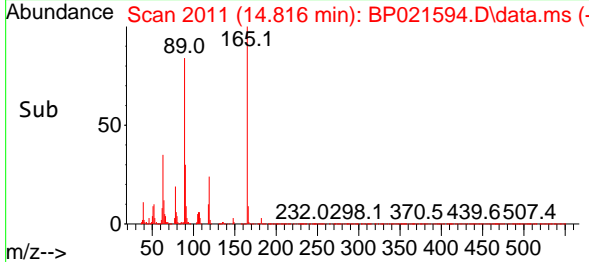
Ion	Ratio	Lower	Upper
165	100		
63	46.2	42.5	63.7
89	85.6	77.1	115.7
182	2.8	2.0	3.0

Manual Integrations

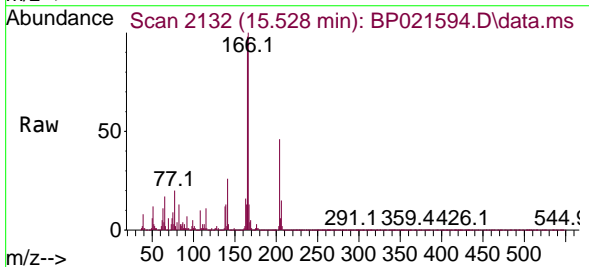
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Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024

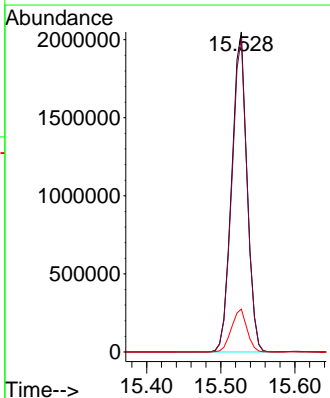
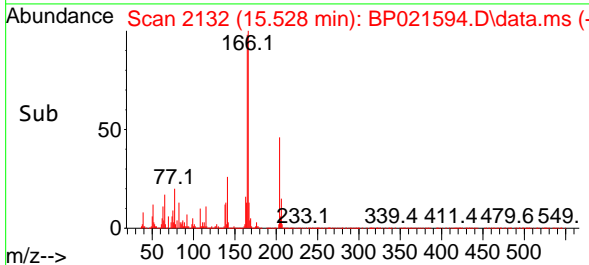


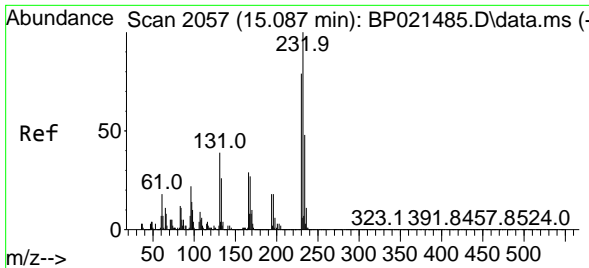
#58
 Fluorene
 Concen: 42.005 ng
 RT: 15.528 min Scan# 2132
 Delta R.T. 0.012 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion: 166 Resp: 2941757

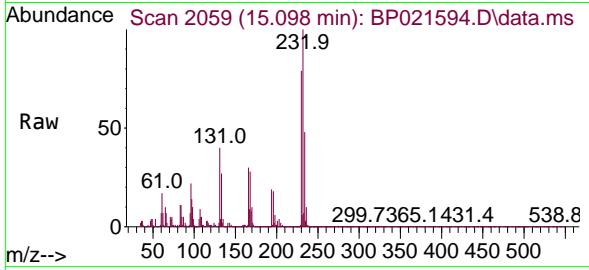
Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.1	117.1
167	13.4	11.0	16.4





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.114 ng
 RT: 15.098 min Scan# 2059
 Delta R.T. 0.012 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument : BNA_P
 Client Sample Id : PB162788BS

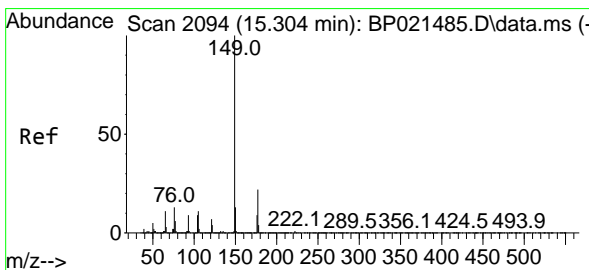
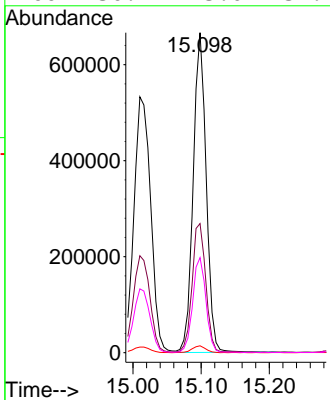
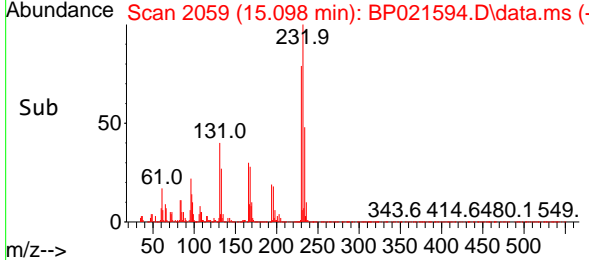


Tgt Ion: 232 Resp: 88233

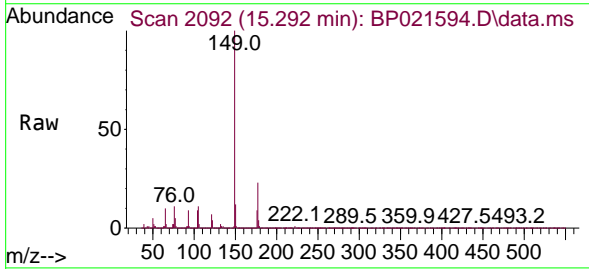
Ion	Ratio	Lower	Upper
232	100		
131	41.8	33.1	49.7
130	2.2	1.7	2.5
166	30.2	23.0	34.4

Manual Integrations
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Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

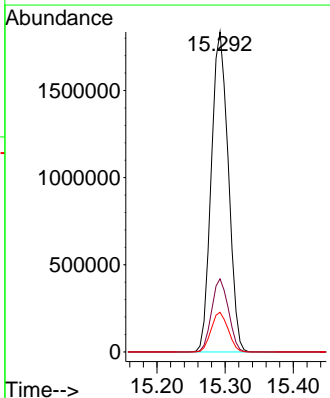
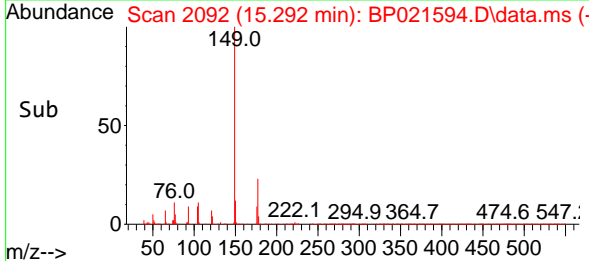


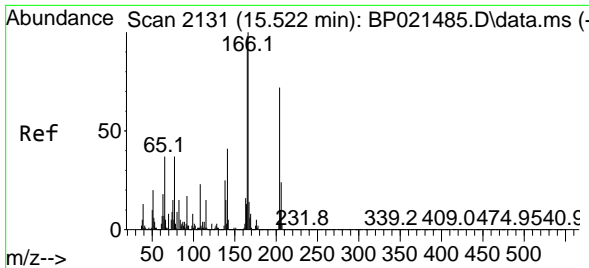
#60
 Diethylphthalate
 Concen: 44.382 ng
 RT: 15.292 min Scan# 2092
 Delta R.T. -0.012 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion: 149 Resp: 3180838

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.8	26.8
150	12.4	10.1	15.1





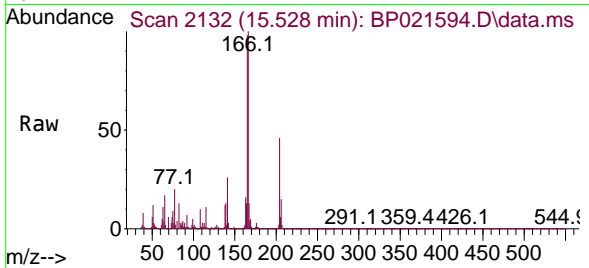
#61
 4-Chlorophenyl-phenylether
 Concen: 40.677 ng
 RT: 15.528 min Scan# 2131
 Delta R.T. 0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client Sample Id :

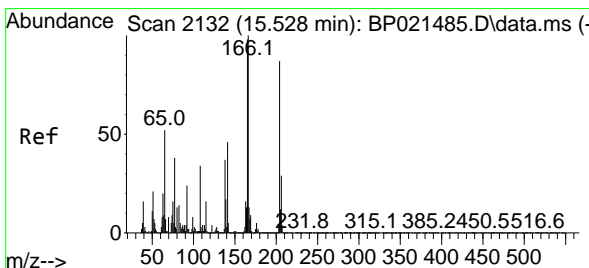
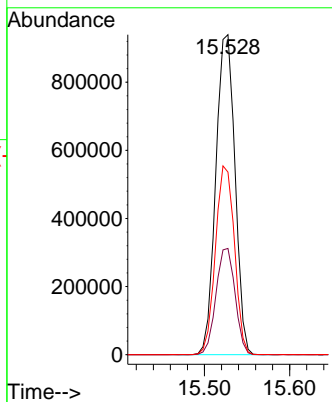
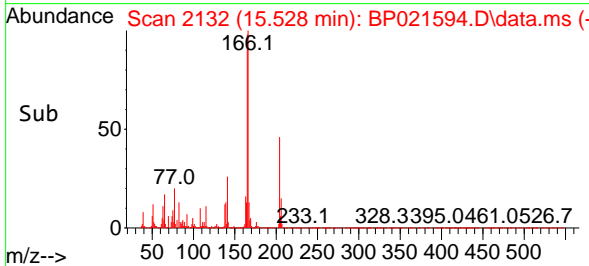
PB162788BS



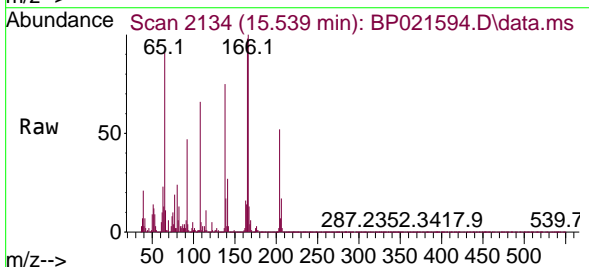
Tgt Ion: 204 Resp: 147251
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.4 39.6
 141 57.0 46.1 69.1

Manual Integrations
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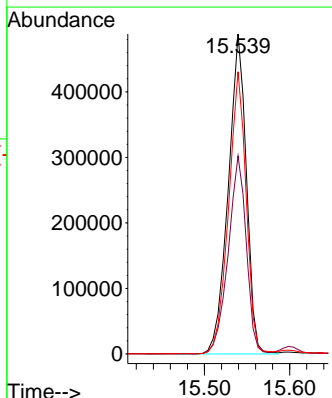
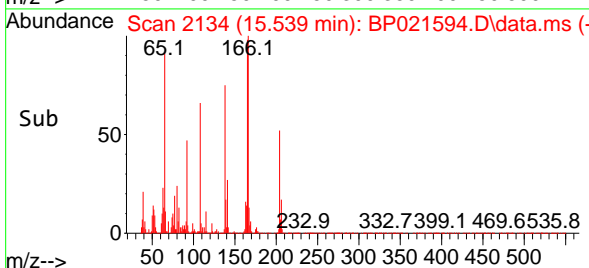
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

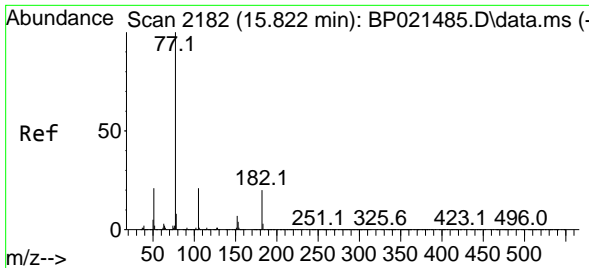


#62
 4-Nitroaniline
 Concen: 50.517 ng
 RT: 15.539 min Scan# 2134
 Delta R.T. 0.011 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



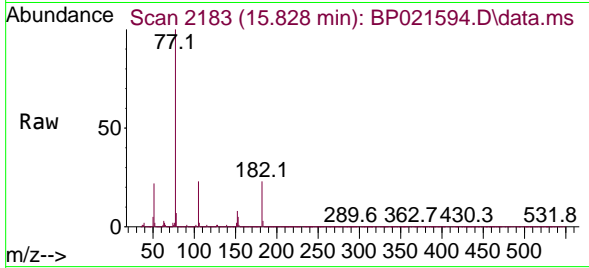
Tgt Ion: 138 Resp: 721717
 Ion Ratio Lower Upper
 138 100
 92 61.9 46.4 86.4
 108 88.2 73.2 113.2





#63
 Azobenzene
 Concen: 39.124 ng
 RT: 15.828 min Scan# 2183
 Delta R.T. 0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument : BNA_P
 Client Sample Id : PB162788BS

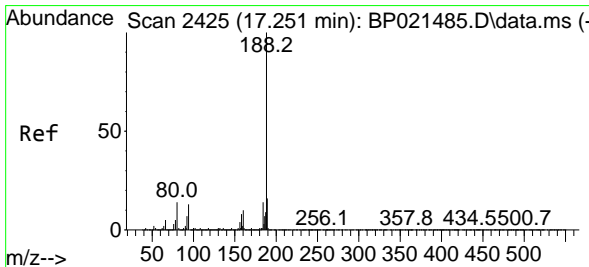
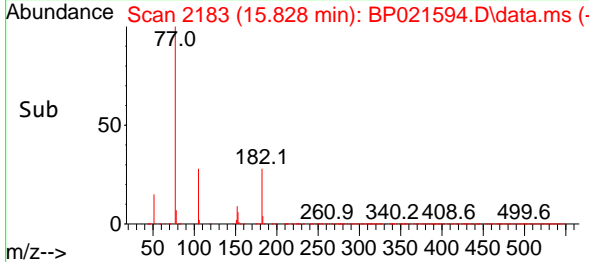
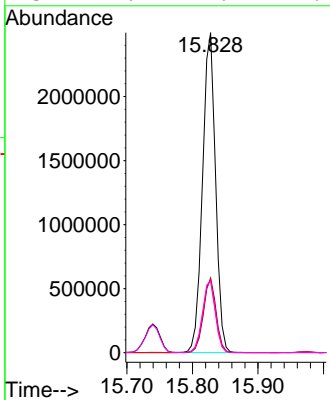


Tgt Ion: 77 Resp: 344677

Ion	Ratio	Lower	Upper
77	100		
182	23.3	0.0	39.9
105	22.9	0.9	40.9
51	22.4	1.4	41.4

Manual Integrations
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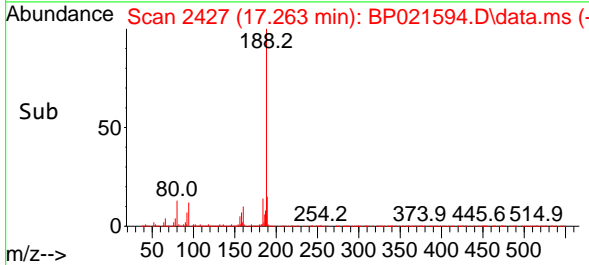
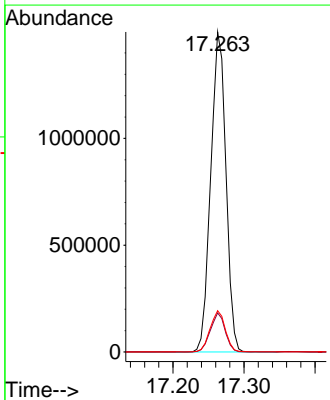
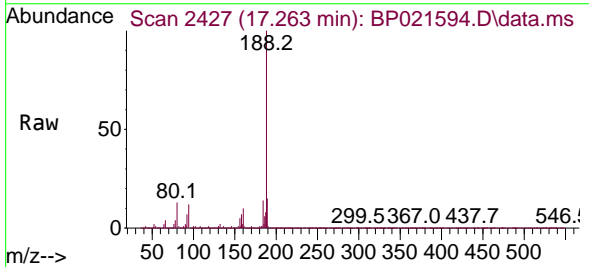
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

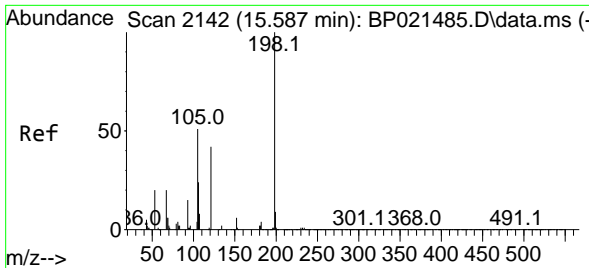


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.263 min Scan# 2427
 Delta R.T. 0.012 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Tgt Ion:188 Resp: 2218669

Ion	Ratio	Lower	Upper
188	100		
94	12.2	10.2	15.4
80	12.9	11.6	17.4





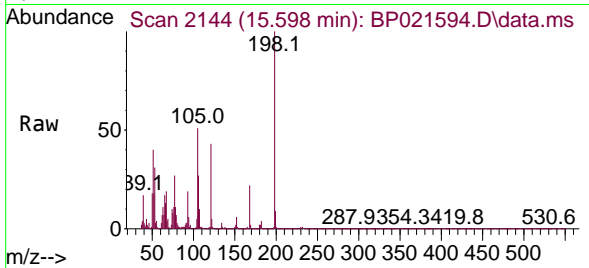
#65
 4,6-Dinitro-2-methylphenol
 Concen: 69.816 ng
 RT: 15.598 min Scan# 2144
 Delta R.T. 0.011 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

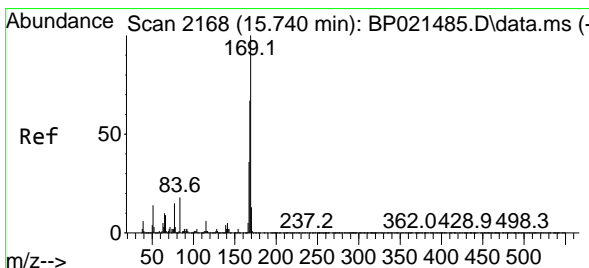
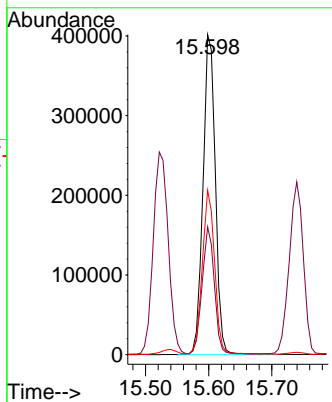
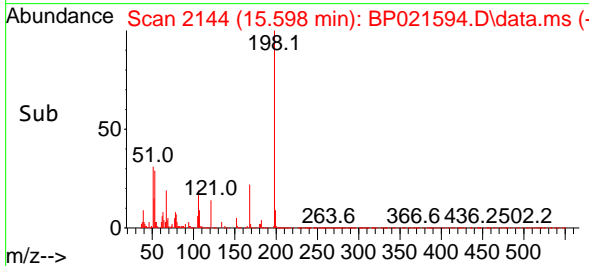
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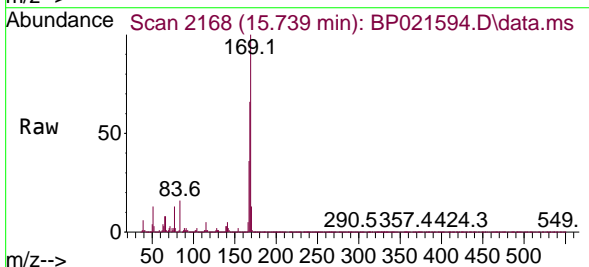
Tgt Ion:198 Resp: 54643
 Ion Ratio Lower Upper
 198 100
 51 39.9 21.5 61.5
 105 51.3 32.9 72.9

Manual Integrations
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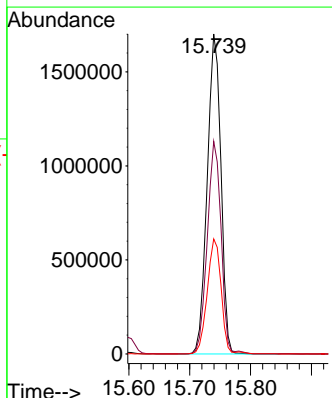
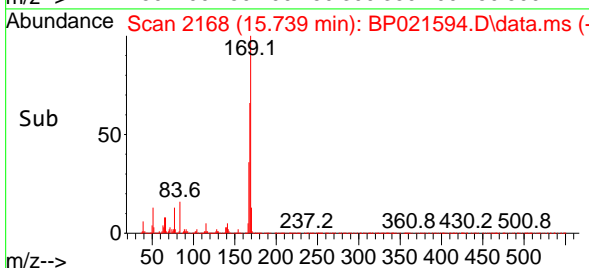
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

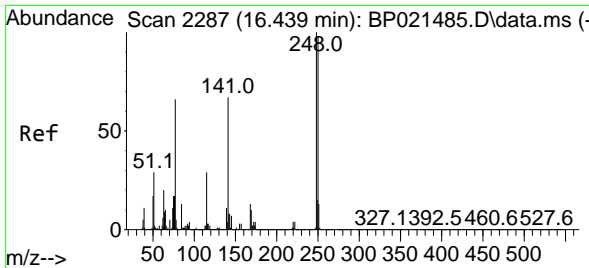


#66
 n-Nitrosodiphenylamine
 Concen: 44.683 ng
 RT: 15.739 min Scan# 2168
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:169 Resp: 2656717
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.4 80.2
 167 36.0 28.7 43.1





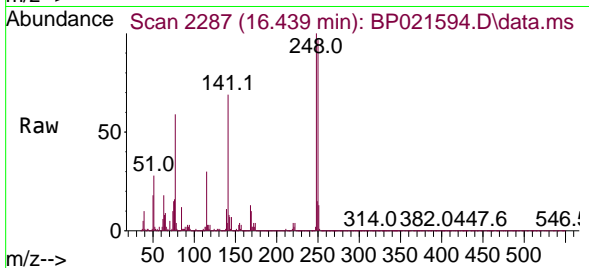
#67
 4-Bromophenyl-phenylether
 Concen: 42.359 ng
 RT: 16.439 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client SampleId :

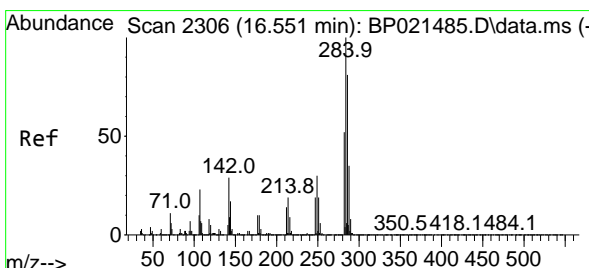
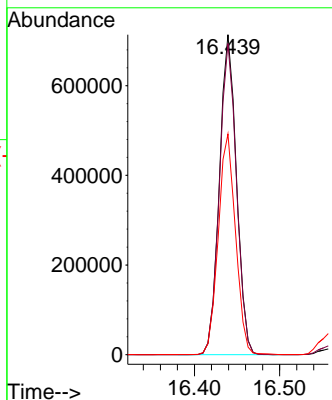
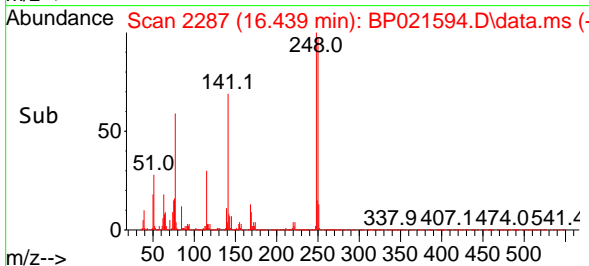
PB162788BS



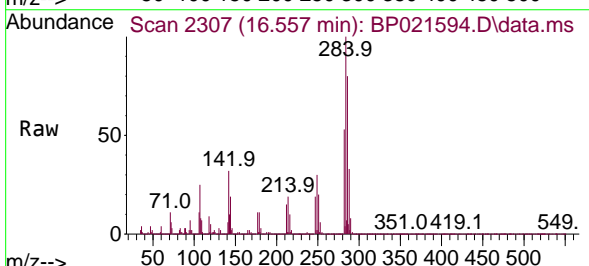
Tgt Ion:248 Resp: 99465
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.6 117.8
 141 69.0 53.9 80.9

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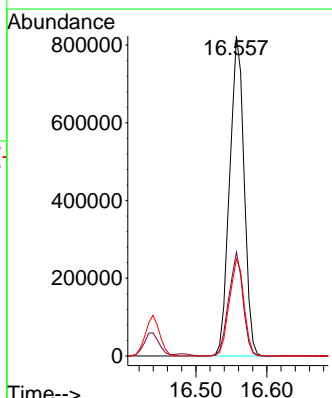
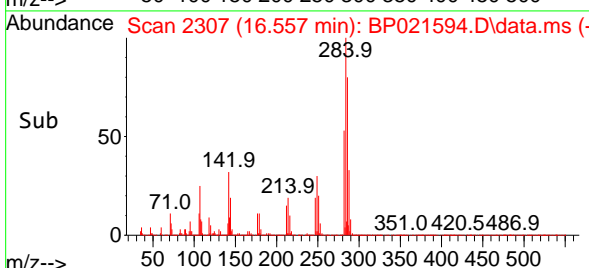
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

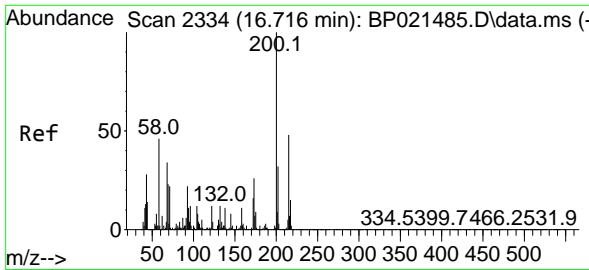


#68
 Hexachlorobenzene
 Concen: 42.007 ng
 RT: 16.557 min Scan# 2307
 Delta R.T. 0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



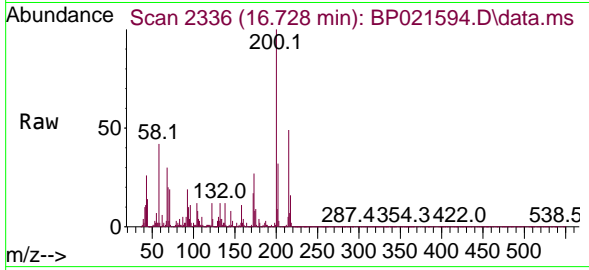
Tgt Ion:284 Resp: 1165677
 Ion Ratio Lower Upper
 284 100
 142 32.5 23.4 35.2
 249 30.3 24.1 36.1





#69
 Atrazine
 Concen: 40.209 ng
 RT: 16.728 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

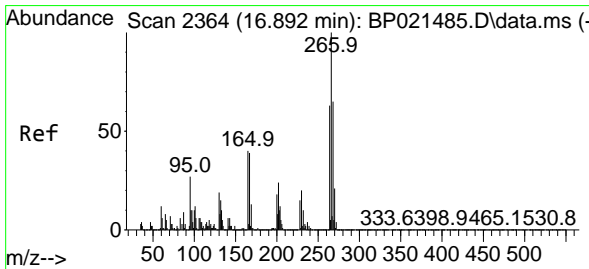
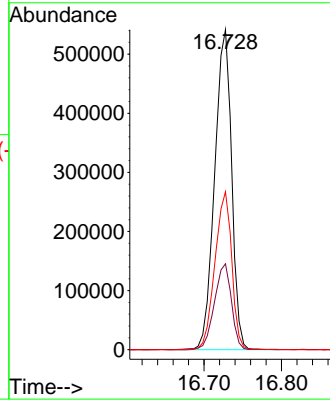
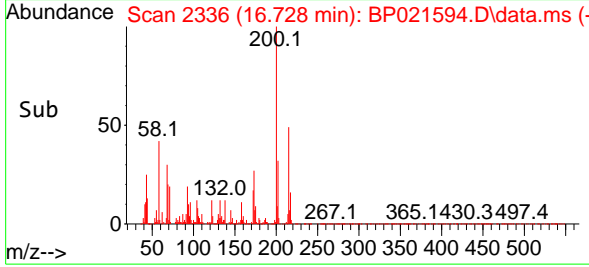
Instrument :
 BNA_P
 ClientSampleId :
 PB162788BS



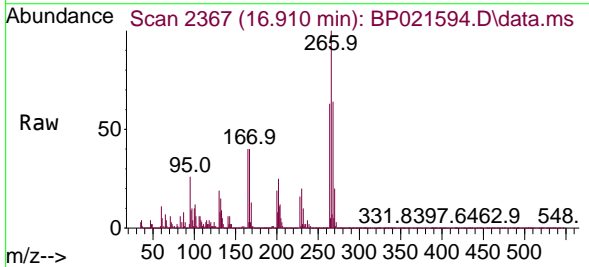
Tgt Ion:200 Resp: 820800
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.2 46.2
 215 49.4 28.4 68.4

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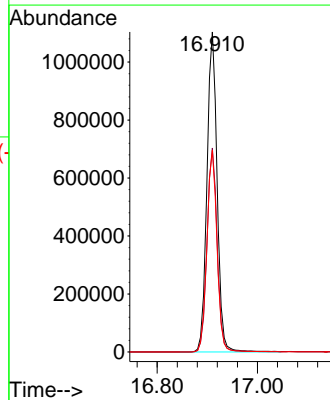
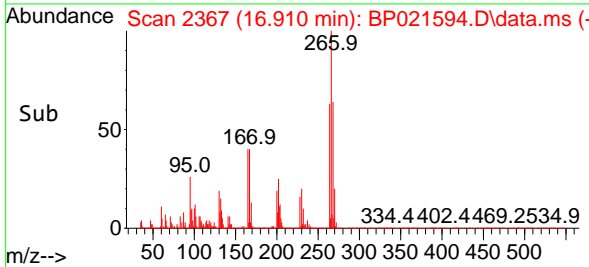
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

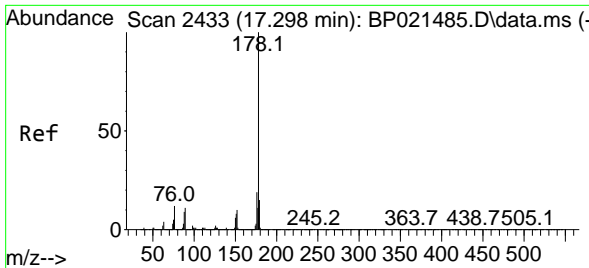


#70
 Pentachlorophenol
 Concen: 102.740 ng
 RT: 16.910 min Scan# 2367
 Delta R.T. 0.018 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:266 Resp: 1556069
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.8 77.6
 264 63.0 50.5 75.7





#71
 Phenanthrene
 Concen: 45.047 ng
 RT: 17.304 min Scan# 2451
 Delta R.T. 0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

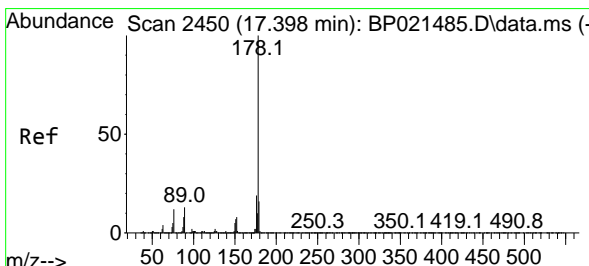
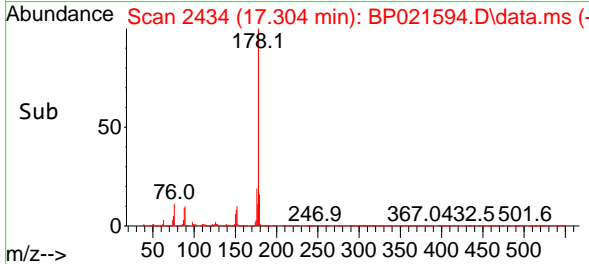
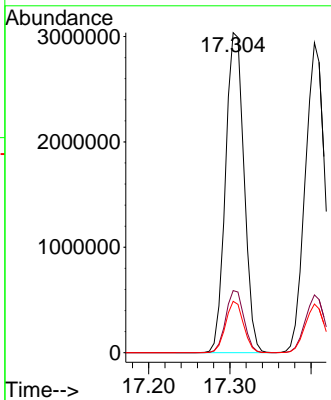
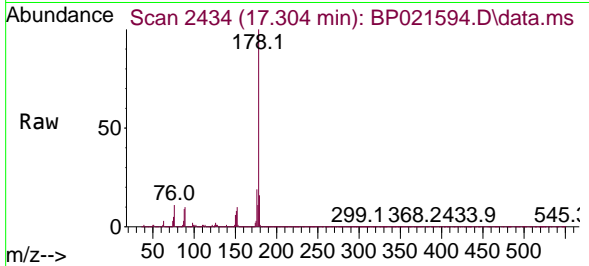
ClientSampleId :

PB162788BS

Tgt Ion:178 Resp: 480656
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 16.0 12.4 18.6

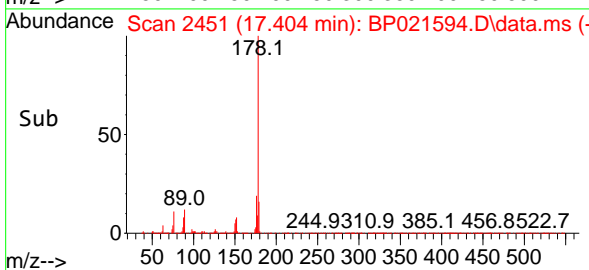
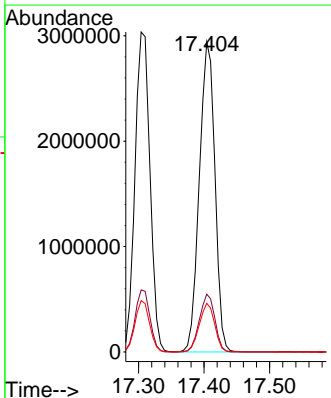
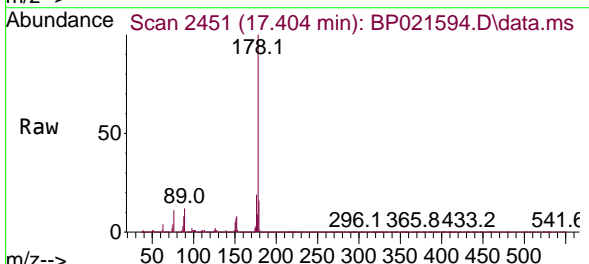
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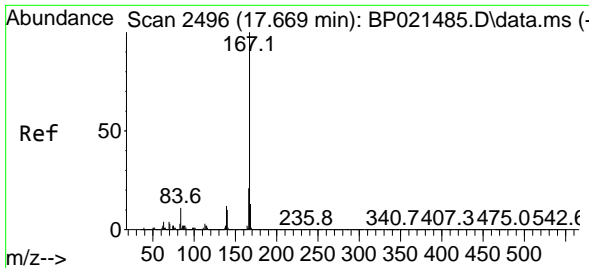
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024



#72
 Anthracene
 Concen: 46.571 ng
 RT: 17.404 min Scan# 2451
 Delta R.T. 0.006 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Tgt Ion:178 Resp: 4873321
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.9 22.3
 179 15.7 12.5 18.7





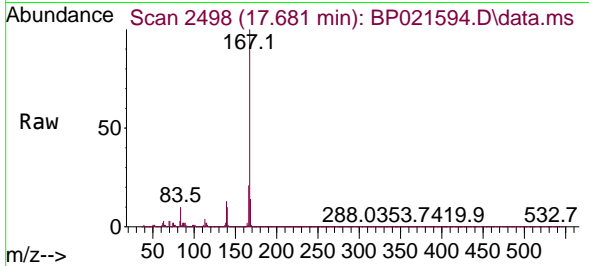
#73
 Carbazole
 Concen: 46.024 ng
 RT: 17.681 min Scan# 2498
 Delta R.T. 0.012 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client SampleId :

PB162788BS



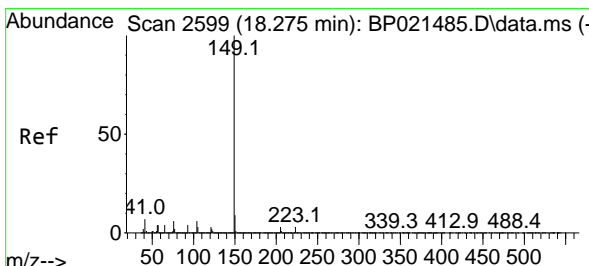
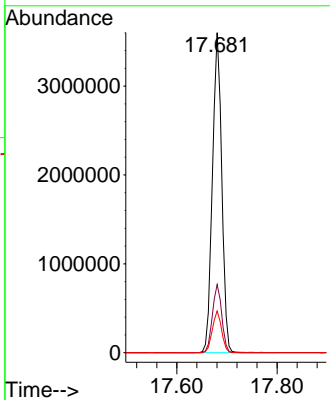
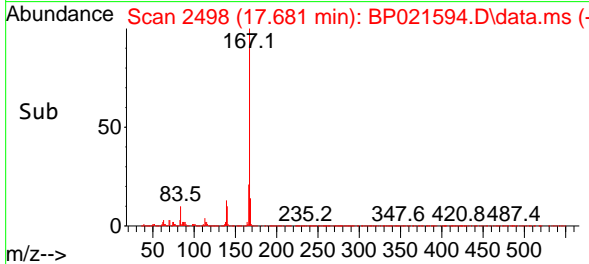
Tgt Ion:167 Resp: 464144

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.4
139	13.0	9.9	14.9

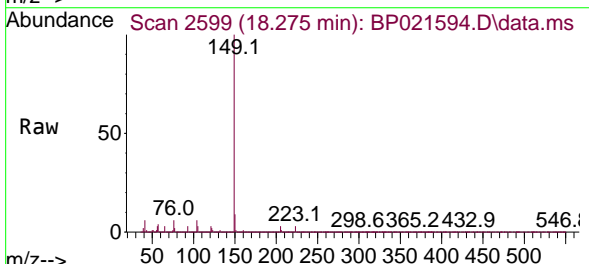
Manual Integrations
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Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/22/2024

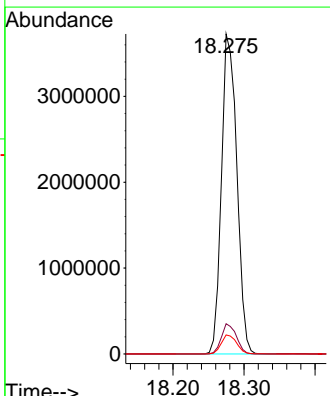
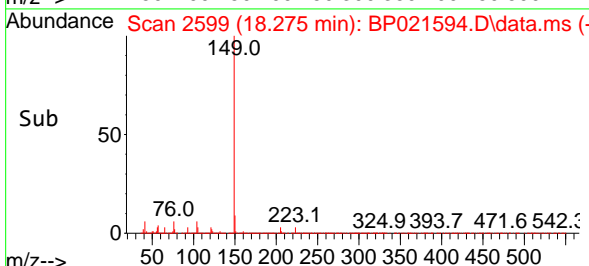


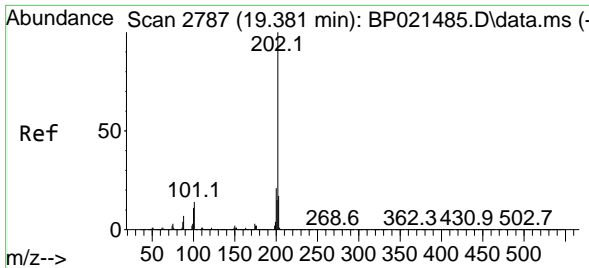
#74
 Di-n-butylphthalate
 Concen: 45.069 ng
 RT: 18.275 min Scan# 2599
 Delta R.T. -0.000 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:149 Resp: 5581934

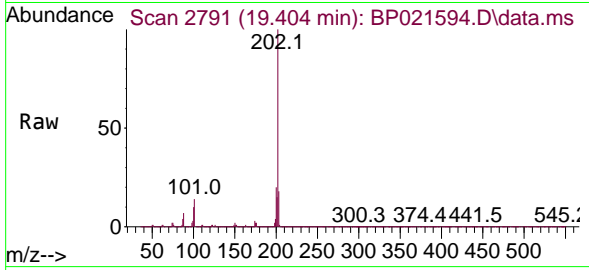
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.9	4.9	7.3





#75
 Fluoranthene
 Concen: 44.700 ng
 RT: 19.404 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument : BNA_P
 Client Sample Id : PB162788BS

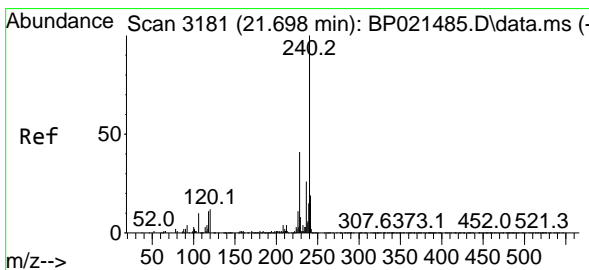
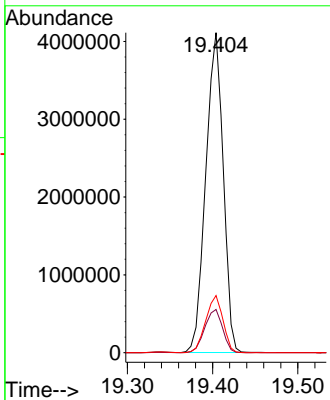
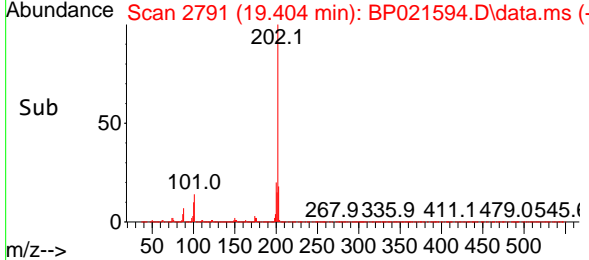


Tgt Ion: 202 Resp: 585207

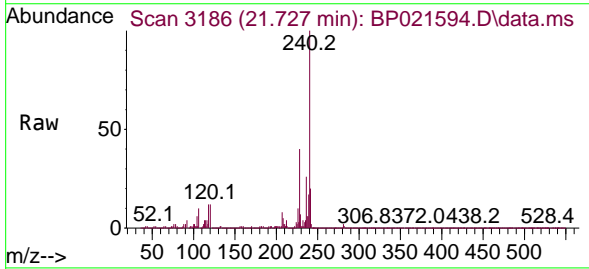
Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.0
203	17.8	0.0	37.5

Manual Integrations
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Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

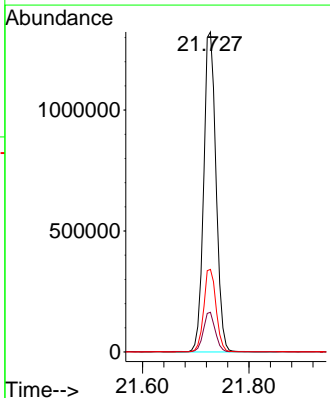
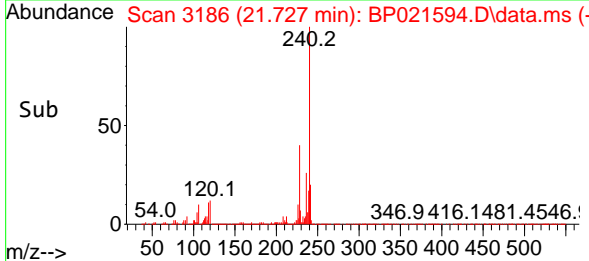


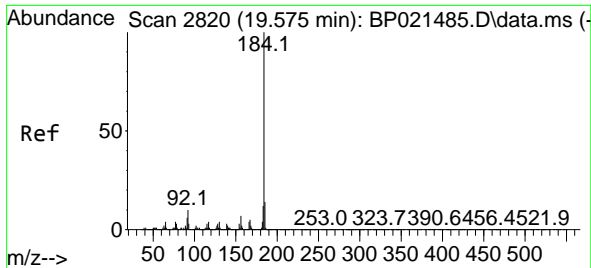
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.727 min Scan# 3186
 Delta R.T. 0.029 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion: 240 Resp: 2116508

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.9	14.9
236	25.8	20.6	30.8





#77
 Benzidine
 Concen: 22.247 ng
 RT: 19.586 min Scan# 2822
 Delta R.T. 0.011 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

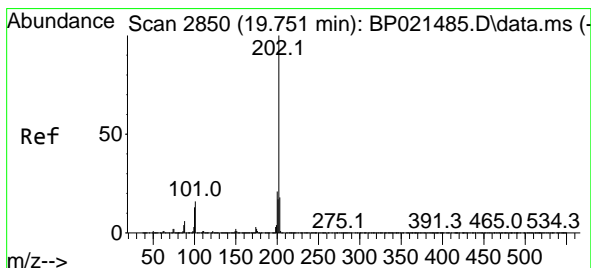
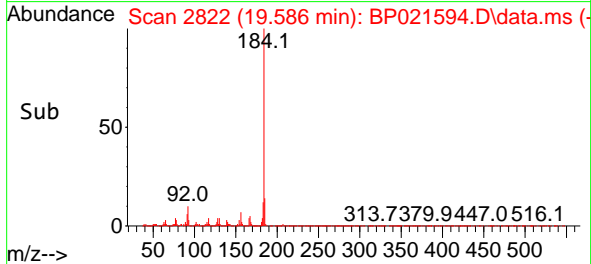
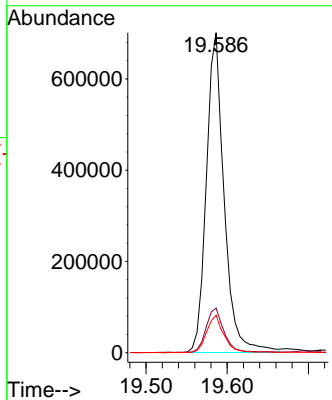
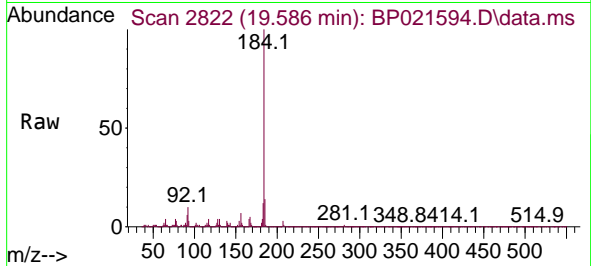
Instrument : BNA_P
 Client Sample Id : PB162788BS

Tgt Ion: 184 Resp: 106527

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.4	17.0
183	11.7	9.3	13.9

Manual Integrations
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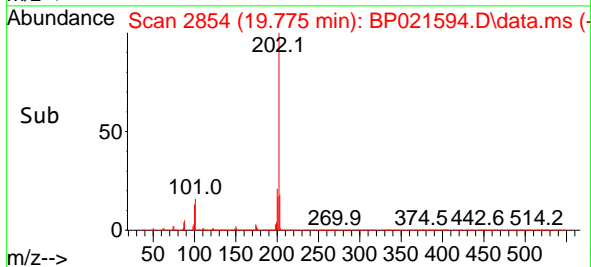
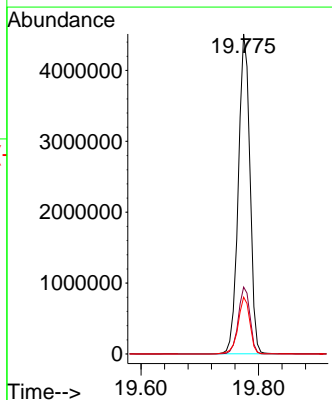
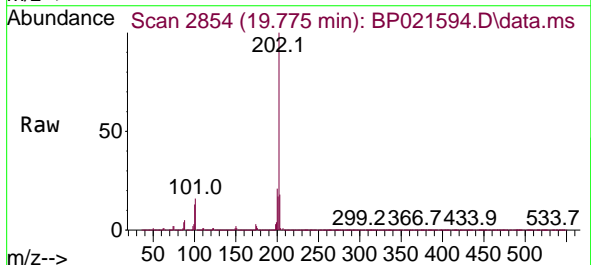
Reviewed By : Yogesh Patel 08/22/2024
 Supervised By : mohammad ahmed 08/22/2024

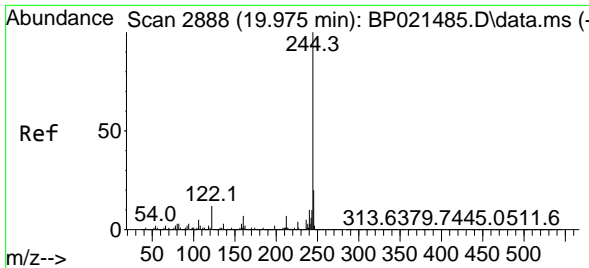


#78
 Pyrene
 Concen: 44.853 ng
 RT: 19.775 min Scan# 2854
 Delta R.T. 0.023 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Tgt Ion: 202 Resp: 6204857

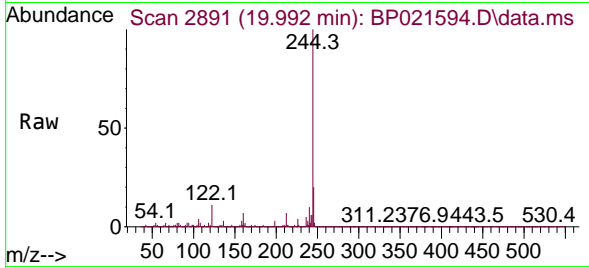
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.8	14.1	21.1





#79
 Terphenyl-d14
 Concen: 80.692 ng
 RT: 19.992 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

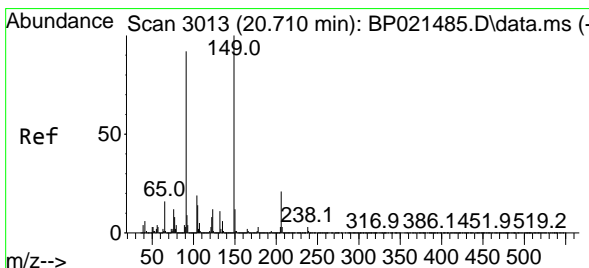
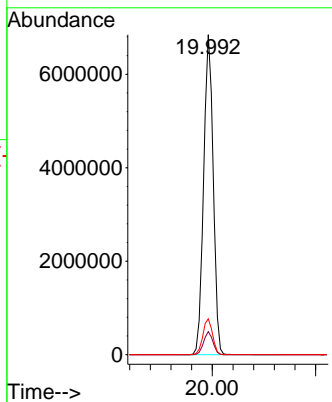
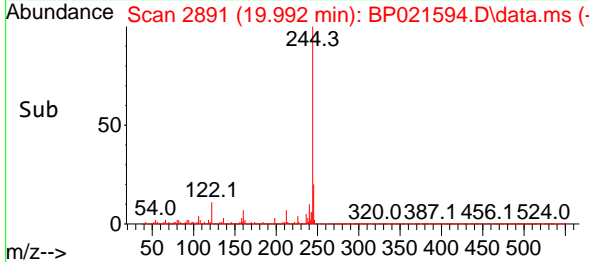
Instrument :
 BNA_P
 Client Sample Id :
 PB162788BS



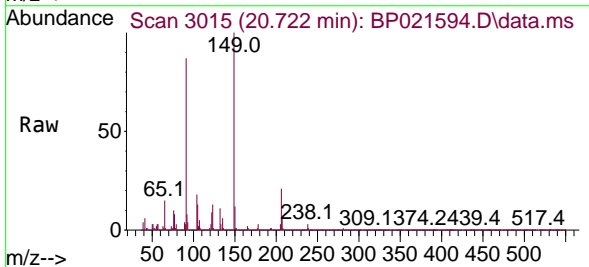
Tgt Ion: 244 Resp: 879099
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.2 9.4 14.2

Manual Integrations
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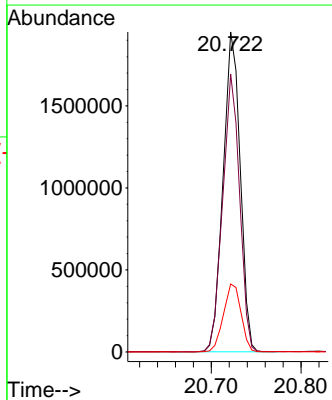
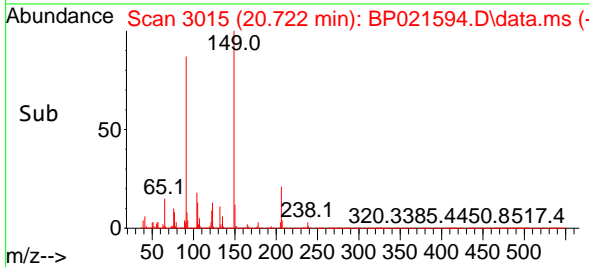
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

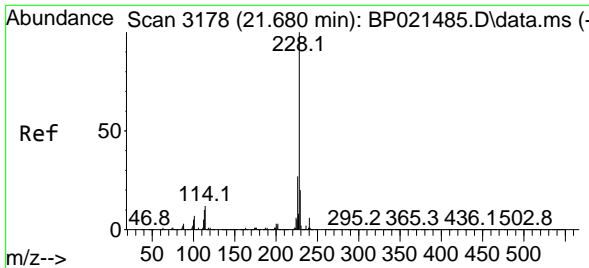


#80
 Butylbenzylphthalate
 Concen: 49.083 ng
 RT: 20.722 min Scan# 3015
 Delta R.T. 0.012 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion: 149 Resp: 2581686
 Ion Ratio Lower Upper
 149 100
 91 86.9 73.3 109.9
 206 21.3 17.1 25.7





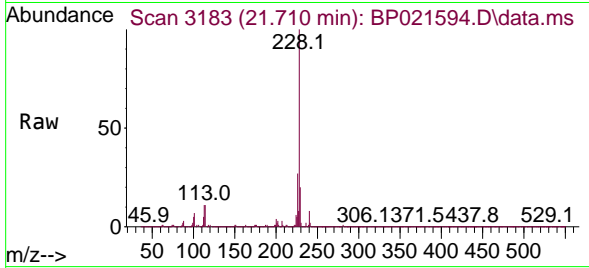
#81
 Benzo(a)anthracene
 Concen: 46.197 ng
 RT: 21.710 min Scan# 3178
 Delta R.T. 0.029 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

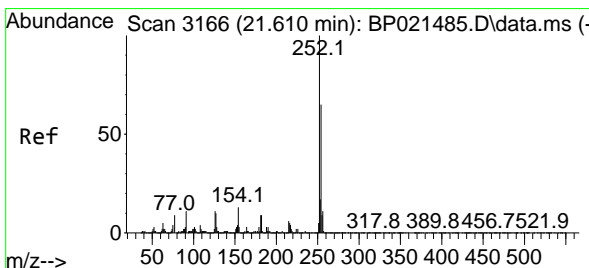
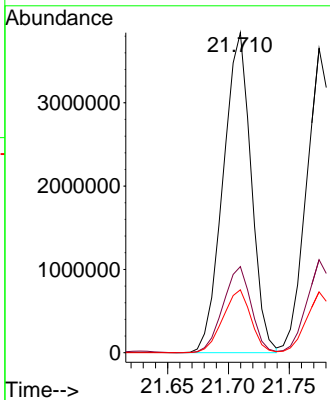
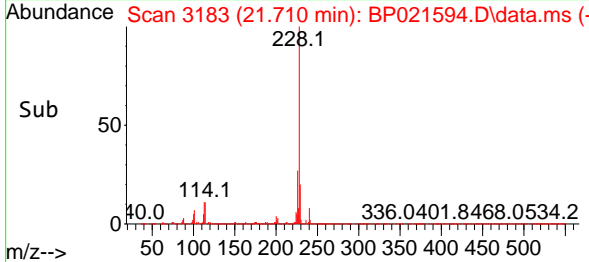
PB162788BS



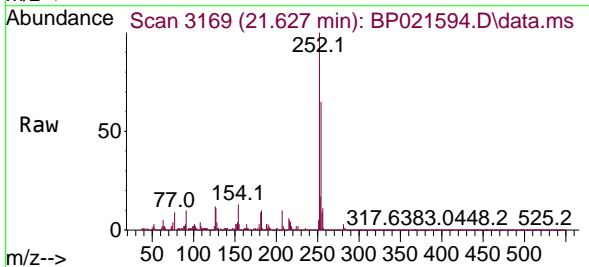
Tgt Ion:228 Resp: 613797
 Ion Ratio Lower Upper
 228 100
 226 26.9 21.4 32.2
 229 19.6 15.8 23.6

Manual Integrations
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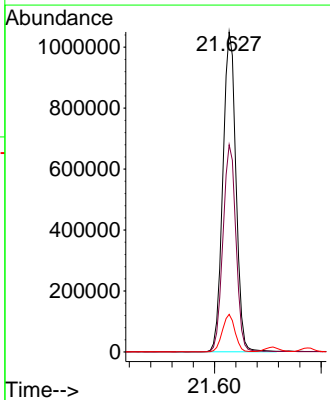
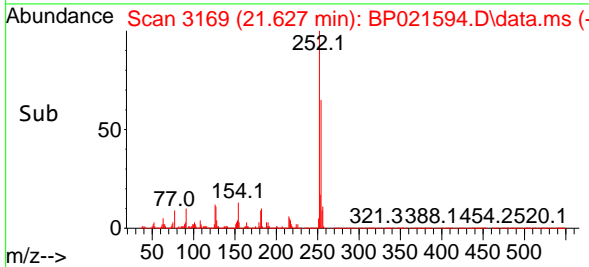
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

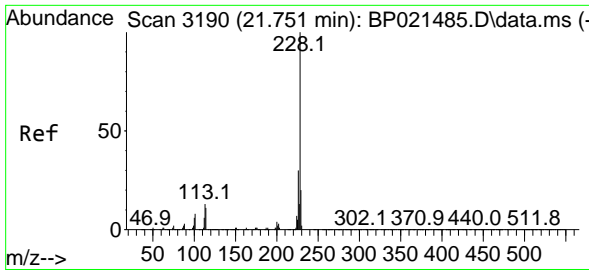


#82
 3,3'-Dichlorobenzidine
 Concen: 41.956 ng
 RT: 21.627 min Scan# 3169
 Delta R.T. 0.018 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:252 Resp: 1787315
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.7 77.5
 126 11.8 8.7 13.1





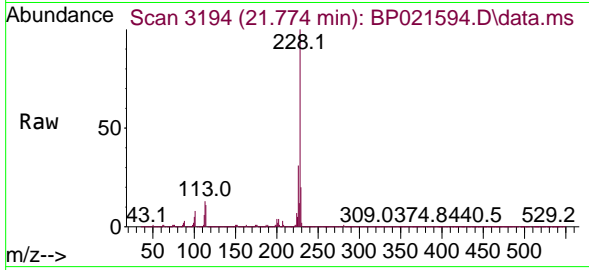
#83
 Chrysene
 Concen: 46.448 ng
 RT: 21.774 min Scan# 3194
 Delta R.T. 0.023 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS



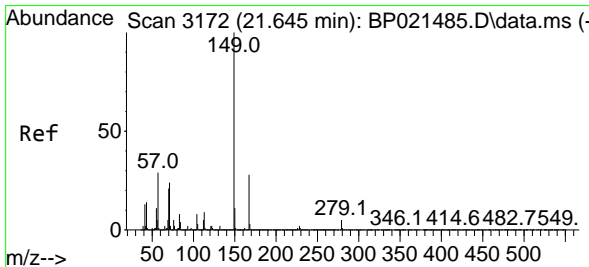
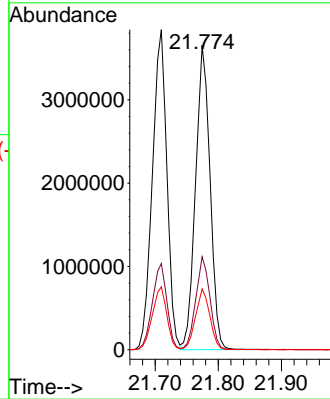
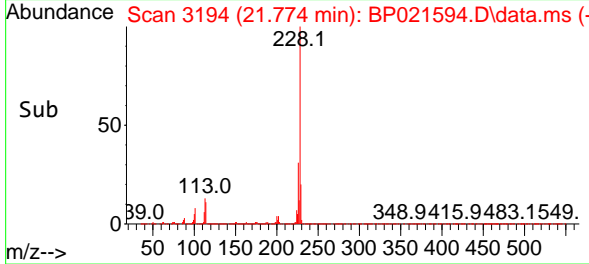
Tgt Ion:228 Resp: 582662
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.9 35.9
 229 20.0 15.8 23.6

Manual Integrations

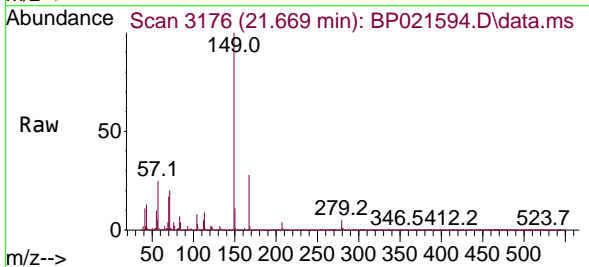
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

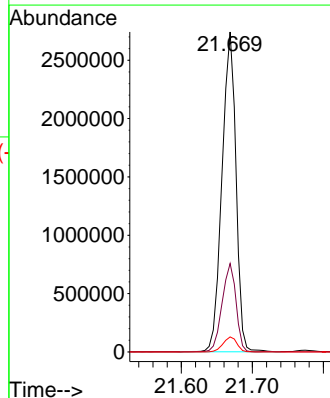
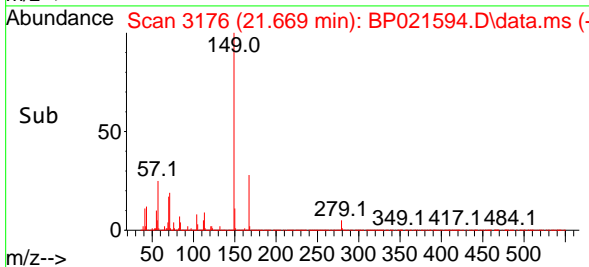
Supervised By :mohammad ahmed 08/22/2024

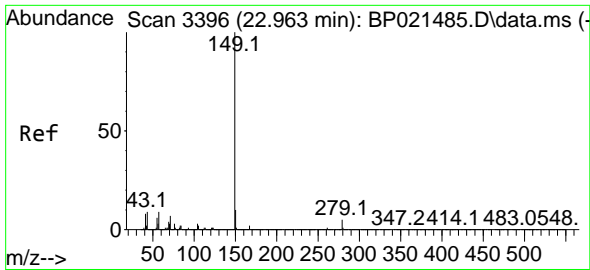


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.517 ng
 RT: 21.669 min Scan# 3176
 Delta R.T. 0.023 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:149 Resp: 3731470
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.3 33.5
 279 4.7 3.8 5.6





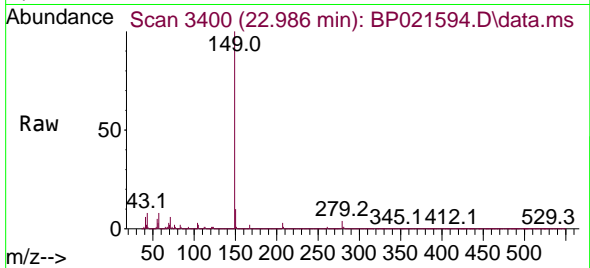
#85
 Di-n-octyl phthalate
 Concen: 48.537 ng
 RT: 22.986 min Scan# 3400
 Delta R.T. 0.023 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client SampleId :

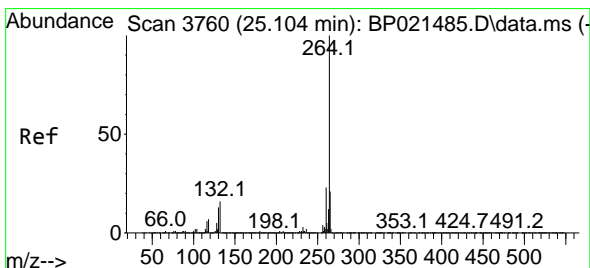
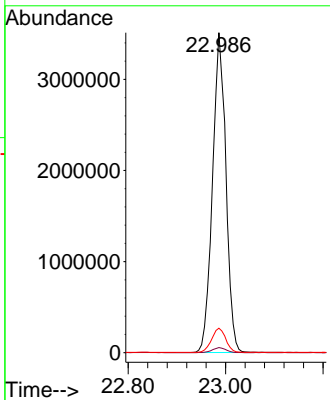
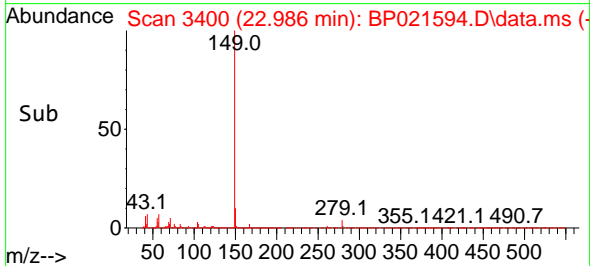
PB162788BS



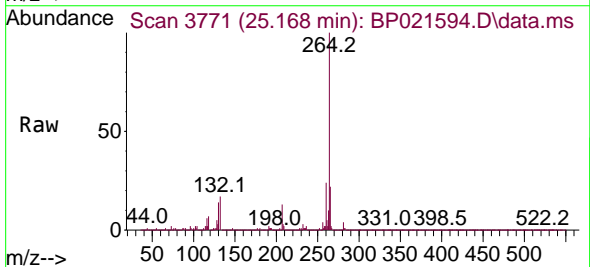
Tgt Ion:149 Resp: 670378
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 7.9 7.3 10.9

Manual Integrations
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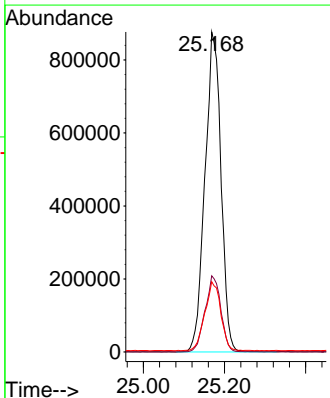
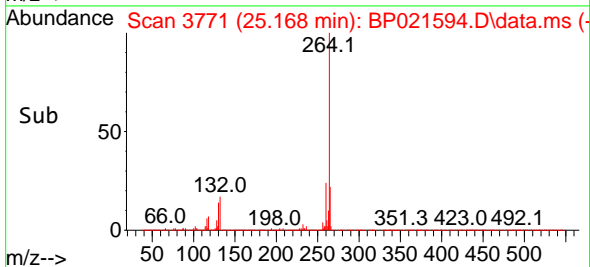
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

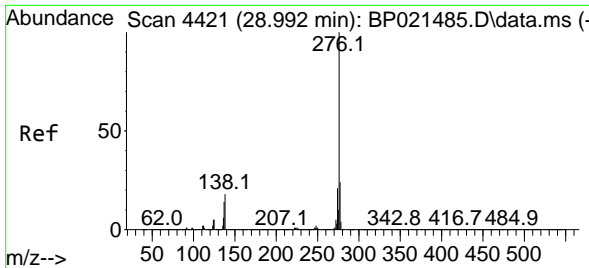


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.168 min Scan# 3771
 Delta R.T. 0.065 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:264 Resp: 2397430
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 22.0 17.1 25.7





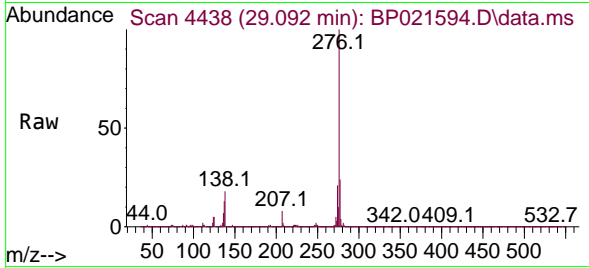
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.067 ng m
 RT: 29.092 min Scan# 4421
 Delta R.T. 0.100 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client SampleId :

PB162788BS



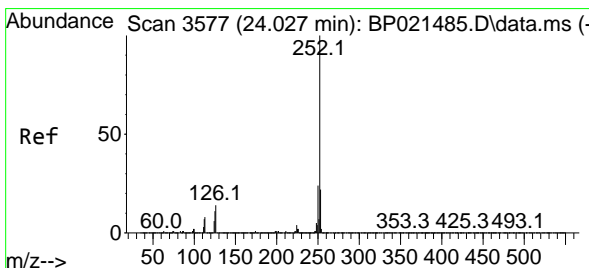
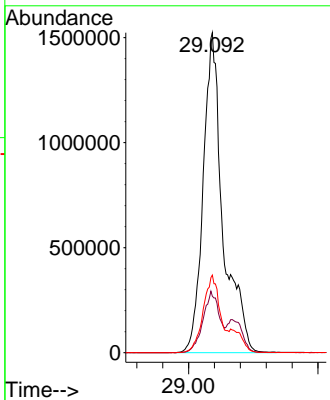
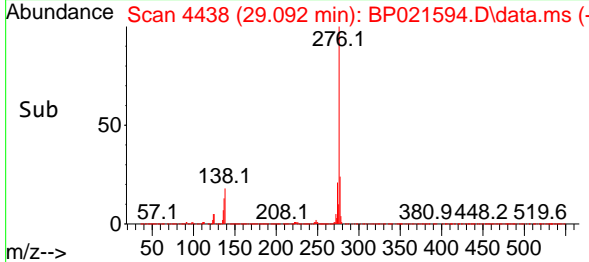
Tgt Ion: 276 Resp: 809148
 Ion Ratio Lower Upper
 276 100
 138 15.9 12.8 19.2
 277 20.9 16.5 24.7

Manual Integrations

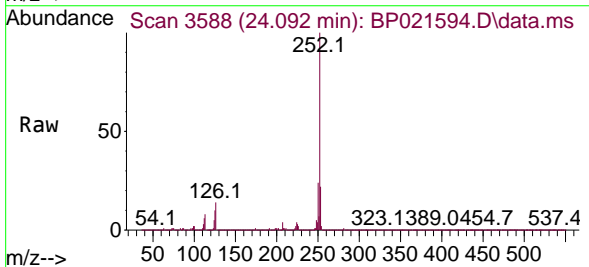
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

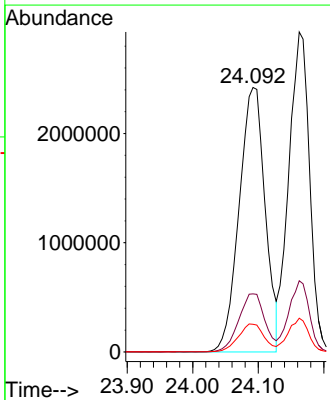
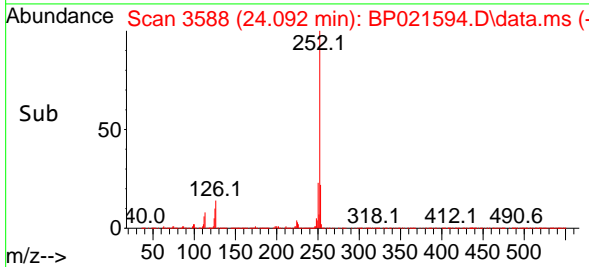
Supervised By :mohammad ahmed 08/22/2024

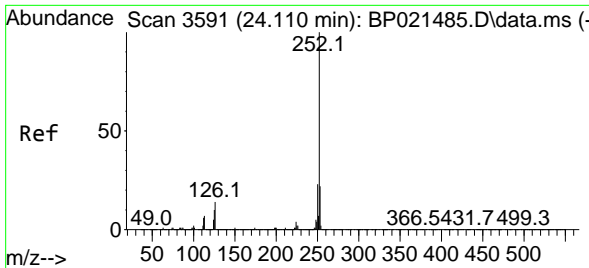


#88
 Benzo(b)fluoranthene
 Concen: 48.551 ng
 RT: 24.092 min Scan# 3588
 Delta R.T. 0.065 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion: 252 Resp: 6684972
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 10.5 8.6 13.0





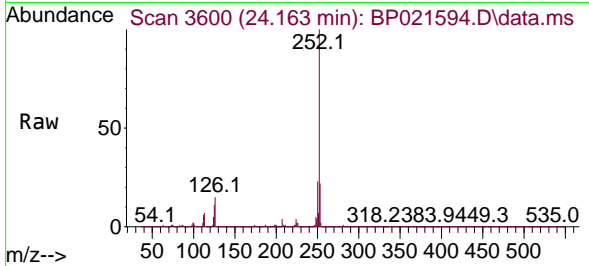
#89
 Benzo(k)fluoranthene
 Concen: 47.813 ng
 RT: 24.163 min Scan# 30
 Delta R.T. 0.053 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

Client Sample Id :

PB162788BS



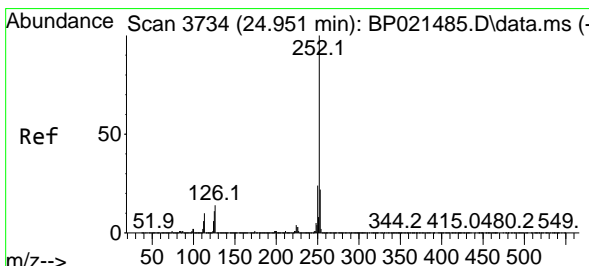
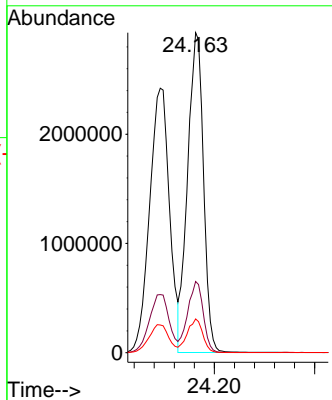
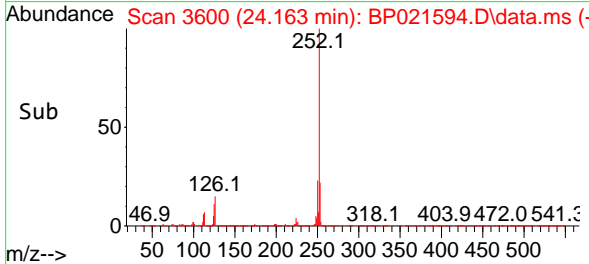
Tgt Ion:252 Resp: 6422110
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 10.6 7.8 11.8

Manual Integrations

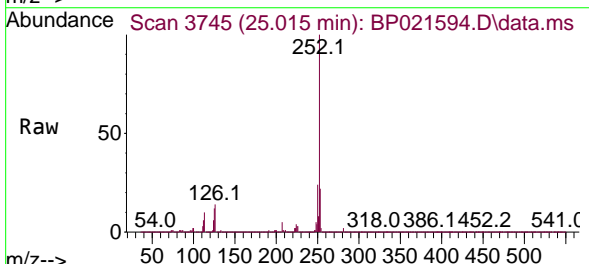
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

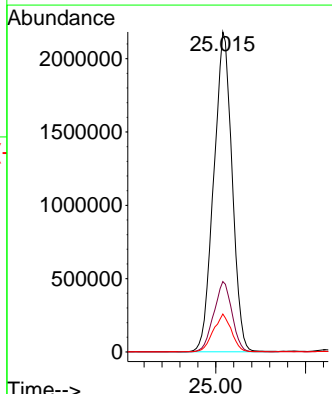
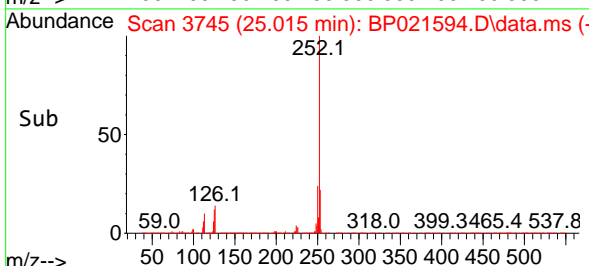
Supervised By :mohammad ahmed 08/22/2024

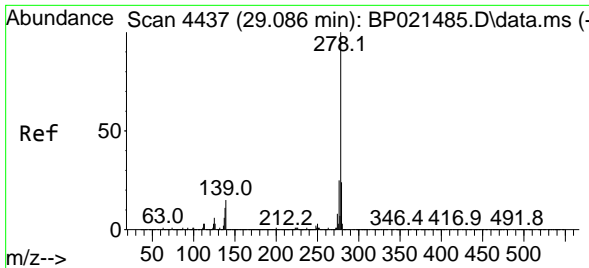


#90
 Benzo(a)pyrene
 Concen: 51.829 ng
 RT: 25.015 min Scan# 3745
 Delta R.T. 0.065 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion:252 Resp: 6192957
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 11.8 8.7 13.1





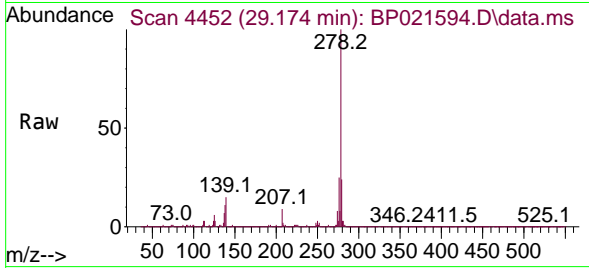
#91
 Dibenzo(a,h)anthracene
 Concen: 51.107 ng
 RT: 29.174 min Scan# 4437
 Delta R.T. 0.088 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19

Instrument :

BNA_P

ClientSampleId :

PB162788BS

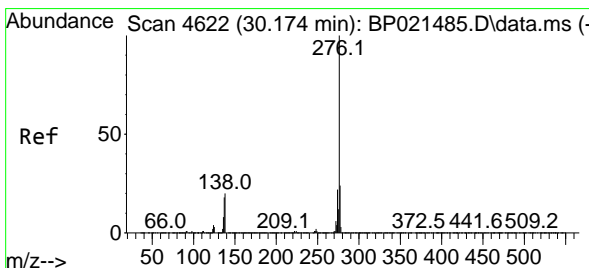
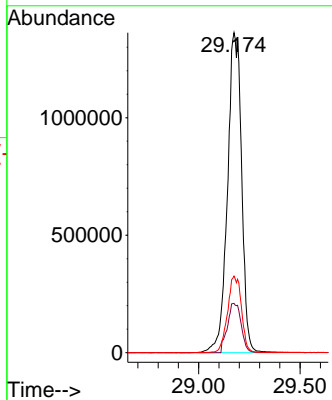
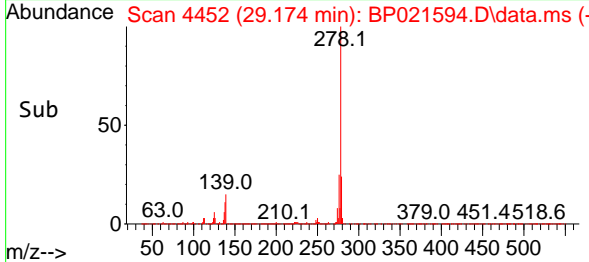


Tgt Ion: 278 Resp: 6599130
 Ion Ratio Lower Upper
 278 100
 139 15.4 12.2 18.4
 279 24.0 19.1 28.7

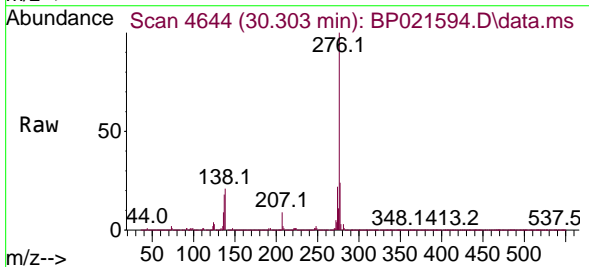
Manual Integrations
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Reviewed By :Yogesh Patel 08/22/2024

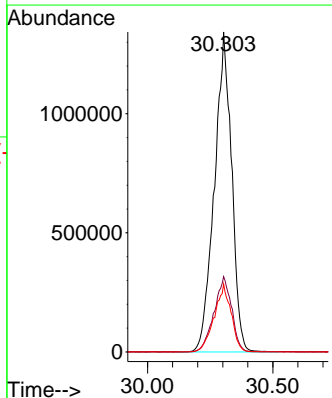
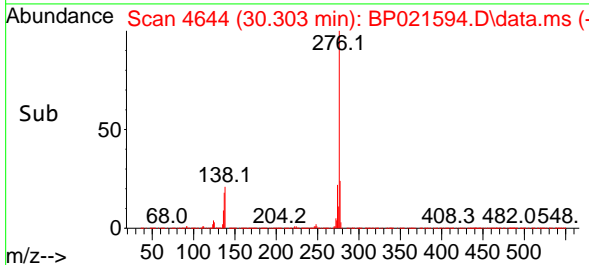
Supervised By :mohammad ahmed 08/22/2024



#92
 Benzo(g,h,i)perylene
 Concen: 49.498 ng
 RT: 30.303 min Scan# 4644
 Delta R.T. 0.129 min
 Lab File: BP021594.D
 Acq: 21 Aug 2024 12:19



Tgt Ion: 276 Resp: 6405985
 Ion Ratio Lower Upper
 276 100
 277 23.5 19.0 28.6
 138 21.3 16.0 24.0



Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger Site Princeton NJ	Date Received:	
Client Sample ID:	PB162788BSD	SDG No.:	P3645
Lab Sample ID:	PB162788BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group6
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021595.D	1	08/16/24 10:33	08/21/24 13:08	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	27.2		1.60	5.00	ug/L
100-52-7	Benzaldehyde	18.1		4.00	10.0	ug/L
95-48-7	2-Methylphenol	44.9		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	45.8		1.20	10.0	ug/L
67-72-1	Hexachloroethane	42.4		1.00	5.00	ug/L
98-95-3	Nitrobenzene	42.8		1.30	5.00	ug/L
91-20-3	Naphthalene	42.5		1.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	39.9		1.30	5.00	ug/L
91-57-6	2-Methylnaphthalene	42.5		1.10	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	54.9		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	53.4		1.00	5.00	ug/L
208-96-8	Acenaphthylene	47.7		1.00	5.00	ug/L
83-32-9	Acenaphthene	50.1		0.81	5.00	ug/L
132-64-9	Dibenzofuran	44.7		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	56.1		1.50	5.00	ug/L
86-73-7	Fluorene	42.9		0.96	5.00	ug/L
118-74-1	Hexachlorobenzene	41.8		1.10	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	44.8		0.89	5.00	ug/L
120-12-7	Anthracene	45.3		1.10	5.00	ug/L
86-74-8	Carbazole	46.5		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	45.2		1.50	5.00	ug/L
206-44-0	Fluoranthene	44.7		1.30	5.00	ug/L
129-00-0	Pyrene	43.8		1.10	5.00	ug/L
56-55-3	Benzo(a)anthracene	46.1		0.94	5.00	ug/L
218-01-9	Chrysene	46.0		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	48.5		1.90	5.00	ug/L
205-99-2	Benzo(b)fluoranthene	48.0		1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	48.2		1.20	5.00	ug/L

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger Site Princeton NJ	Date Received:	
Client Sample ID:	PB162788BSD	SDG No.:	P3645
Lab Sample ID:	PB162788BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group6
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021595.D	1	08/16/24 10:33	08/21/24 13:08	PB162788

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
50-32-8	Benzo(a)pyrene	52.3		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52.6		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.9		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	50.1		1.20	5.00	ug/L
123-91-1	1,4-Dioxane	28.3		1.30	5.00	ug/L
90-12-0	1-Methylnaphthalene	40.5		0.86	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	129		15 (10) - 110 (139)	86%	SPK: 150
13127-88-3	Phenol-d6	119		15 (10) - 110 (134)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.9		30 (49) - 130 (133)	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.8		30 (52) - 130 (132)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	149		15 (44) - 110 (137)	100%	SPK: 150
1718-51-0	Terphenyl-d14	79.9		30 (48) - 130 (125)	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	384000	7.793			
1146-65-2	Naphthalene-d8	1530000	10.581			
15067-26-2	Acenaphthene-d10	1010000	14.451			
1517-22-2	Phenanthrene-d10	2220000	17.275			
1719-03-5	Chrysene-d12	2160000	21.745			
1520-96-3	Perylene-d12	2470000	25.186			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021595.D
 Acq On : 21 Aug 2024 13:08
 Operator : RC/JU
 Sample : PB162788BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162788BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 13:35:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)	
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	384224	20.000 ng	-0.02	1
21) Naphthalene-d8	10.581	136	1531743	20.000 ng	-0.02	2
39) Acenaphthene-d10	14.451	164	1006858	20.000 ng	0.00	3
64) Phenanthrene-d10	17.275	188	2217857	20.000 ng	0.02	4
76) Chrysenes-d12	21.745	240	2163191	20.000 ng	0.05	5
86) Perylene-d12	25.186	264	2473126	20.000 ng	0.08	6
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	3335559	128.905 ng	0.00	7
7) Phenol-d6	6.957	99	4505591	119.362 ng	0.00	8
23) Nitrobenzene-d5	8.940	82	2666511	89.853 ng	-0.01	9
42) 2,4,6-Tribromophenol	15.975	330	1673417	149.333 ng	0.00	10
45) 2-Fluorobiphenyl	13.057	172	5133884	77.817 ng	0.00	11
79) Terphenyl-d14	19.998	244	8892065	79.858 ng	0.02	12
Target Compounds						
2) 1,4-Dioxane	3.311	88	347460	28.319 ng	99	13
3) Pyridine	3.705	79	930655	27.171 ng	93	14
4) n-Nitrosodimethylamine	3.611	42	422424	41.032 ng	91	15
6) Aniline	7.116	93	976151	25.867 ng	97	16
8) 2-Chlorophenol	7.357	128	1168921	48.883 ng	94	17
9) Benzaldehyde	6.928	77	437575m	18.105 ng		
10) Phenol	6.981	94	1735921	44.410 ng	98	
11) bis(2-Chloroethyl)ether	7.210	93	1289737	38.994 ng	96	
12) 1,3-Dichlorobenzene	7.681	146	1177258	41.447 ng	96	
13) 1,4-Dichlorobenzene	7.828	146	1197767	41.761 ng	98	
14) 1,2-Dichlorobenzene	8.140	146	1149033	41.572 ng	99	
15) Benzyl Alcohol	8.022	79	1177332	43.470 ng	95	
16) 2,2'-oxybis(1-Chloropr...	8.304	45	1212340	39.802 ng	96	
17) 2-Methylphenol	8.228	107	1109884	44.914 ng	97	
18) Hexachloroethane	8.875	117	487335	42.371 ng	98	
19) n-Nitroso-di-n-propyla...	8.593	70	899887	34.512 ng	95	
20) 3+4-Methylphenols	8.551	107	1525158	45.773 ng	97	
22) Acetophenone	8.604	105	1784403	37.920 ng	98	
24) Nitrobenzene	8.981	77	1378068	42.755 ng	93	
25) Isophorone	9.516	82	2663131	37.986 ng	96	
26) 2-Nitrophenol	9.693	139	573672	61.555 ng	94	
27) 2,4-Dimethylphenol	9.757	122	876177	50.640 ng	97	
28) bis(2-Chloroethoxy)met...	9.993	93	1703029	39.795 ng	99	
29) 2,4-Dichlorophenol	10.228	162	1072562	52.467 ng	97	
30) 1,2,4-Trichlorobenzene	10.451	180	1091243	41.636 ng	99	
31) Naphthalene	10.634	128	3402622	42.523 ng	99	
32) Benzoic acid	9.893	122	851943	65.379 ng	92	
33) 4-Chloroaniline	10.740	127	776724	25.841 ng	96	
34) Hexachlorobutadiene	10.928	225	658832	39.924 ng	99	
35) Caprolactam	11.528	113	402837m	47.343 ng		
36) 4-Chloro-3-methylphenol	11.875	107	1418055	50.007 ng	97	
37) 2-Methylnaphthalene	12.251	142	2320318	42.487 ng	99	
38) 1-Methylnaphthalene	12.475	142	2182028	40.511 ng	100	
40) 1,2,4,5-Tetrachloroben...	12.622	216	1150611	39.002 ng	99	
41) Hexachlorocyclopentadiene	12.610	237	996277	106.554 ng	99	
43) 2,4,6-Trichlorophenol	12.869	196	899987	54.919 ng	100	

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021595.D
 Acq On : 21 Aug 2024 13:08
 Operator : RC/JU
 Sample : PB162788BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 PB162788BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 13:35:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	972767	53.428	ng	96
46) 1,1'-Biphenyl	13.281	154	2837499	39.832	ng	97
47) 2-Chloronaphthalene	13.316	162	2349701	42.367	ng	99
48) 2-Nitroaniline	13.510	65	835325	53.124	ng	# 86
49) Acenaphthylene	14.169	152	3890940	47.725	ng	100
50) Dimethylphthalate	13.910	163	3088858	45.810	ng	99
51) 2,6-Dinitrotoluene	14.016	165	683865	50.083	ng	91
52) Acenaphthene	14.528	154	2679983m	50.099	ng	
53) 3-Nitroaniline	14.345	138	574577	43.381	ng	# 90
54) 2,4-Dinitrophenol	14.569	184	747280	122.690	ng	# 87
55) Dibenzofuran	14.869	168	3681261	44.735	ng	99
56) 4-Nitrophenol	14.675	139	1289235	113.046	ng	# 84
57) 2,4-Dinitrotoluene	14.822	165	986728	56.086	ng	84
58) Fluorene	15.533	166	2899678	42.892	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	878009	56.815	ng	98
60) Diethylphthalate	15.304	149	3126196	45.186	ng	99
61) 4-Chlorophenyl-phenyle...	15.522	204	1486596	42.541	ng	99
62) 4-Nitroaniline	15.539	138	717929	51.968	ng	89
63) Azobenzene	15.816	77	3377663	39.717	ng	96
65) 4,6-Dinitro-2-methylph...	15.616	198	528178	68.253	ng	97
66) n-Nitrosodiphenylamine	15.739	169	2636014	44.351	ng	100
67) 4-Bromophenyl-phenylether	16.445	248	998300	42.530	ng	99
68) Hexachlorobenzene	16.563	284	1158608	41.768	ng	99
69) Atrazine	16.722	200	833535	40.847	ng	99
70) Pentachlorophenol	16.916	266	1553061	102.579	ng	99
71) Phenanthrene	17.322	178	4773202	44.751	ng	100
72) Anthracene	17.410	178	4737961	45.294	ng	100
73) Carbazole	17.680	167	4687315	46.496	ng	99
74) Di-n-butylphthalate	18.292	149	5601905	45.247	ng	99
75) Fluoranthene	19.398	202	5849345	44.695	ng	99
77) Benzidine	19.592	184	1163683	23.572	ng	99
78) Pyrene	19.774	202	6199077	43.844	ng	100
80) Butylbenzylphthalate	20.727	149	2645879	49.208	ng	91
81) Benzo(a)anthracene	21.721	228	6266458	46.146	ng	99
82) 3,3'-Dichlorobenzidine	21.633	252	1871748	42.989	ng	99
83) Chrysene	21.792	228	5892243	45.957	ng	100
84) Bis(2-ethylhexyl)phtha...	21.663	149	3894673	48.525	ng	99
85) Di-n-octyl phthalate	22.998	149	6944035	49.126	ng	97
87) Indeno(1,2,3-cd)pyrene	29.133	276	8427775m	52.571	ng	
88) Benzo(b)fluoranthene	24.098	252	6816748	47.993	ng	99
89) Benzo(k)fluoranthene	24.168	252	6680950	48.218	ng	99
90) Benzo(a)pyrene	25.015	252	6448176	52.314	ng	99
91) Dibenzo(a,h)anthracene	29.203	278	6908449	51.865	ng	100
92) Benzo(g,h,i)perylene	30.321	276	6689956	50.110	ng	99

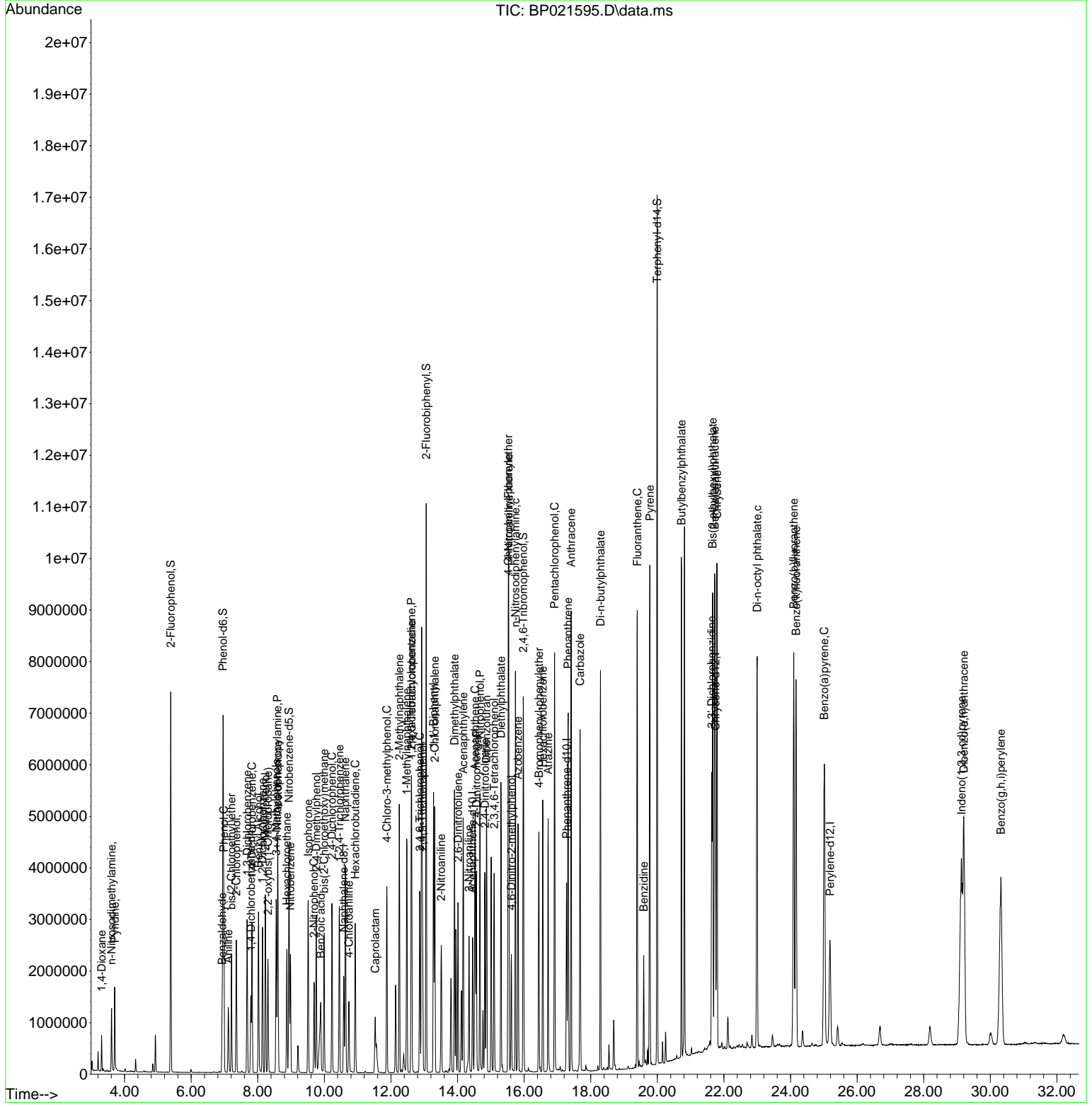
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021595.D
 Acq On : 21 Aug 2024 13:08
 Operator : RC/JU
 Sample : PB162788BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

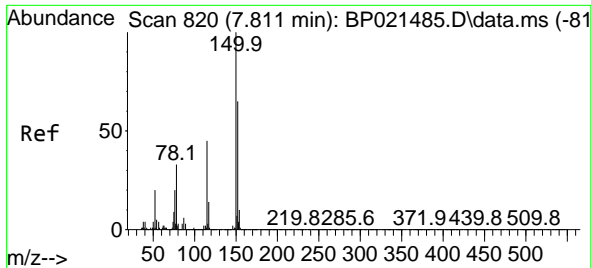
Instrument :
 BNA_P
ClientSampleId :
 PB162788BSD

Quant Time: Aug 21 13:35:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024



- 1
- 2
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- 16
- 17



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.793 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

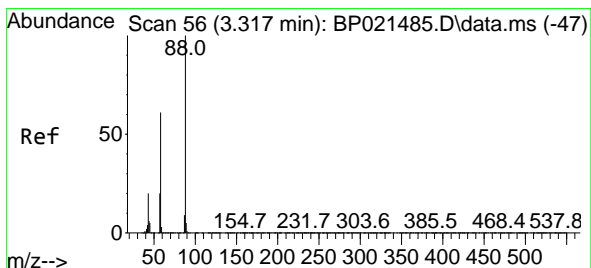
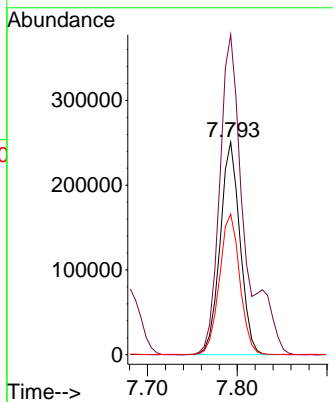
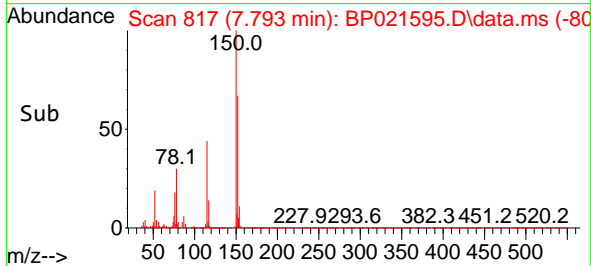
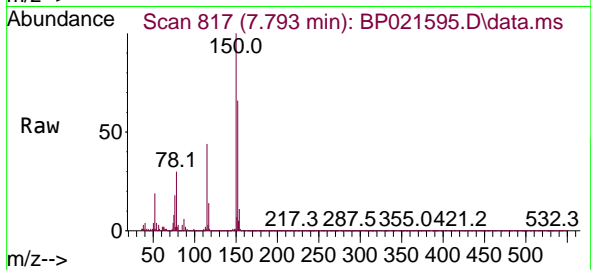
Client SampleId :

PB162788BSD

Tgt Ion:152 Resp: 384224
 Ion Ratio Lower Upper
 152 100
 150 150.4 122.4 183.6
 115 66.1 54.7 82.1

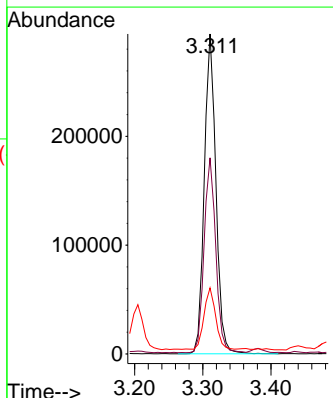
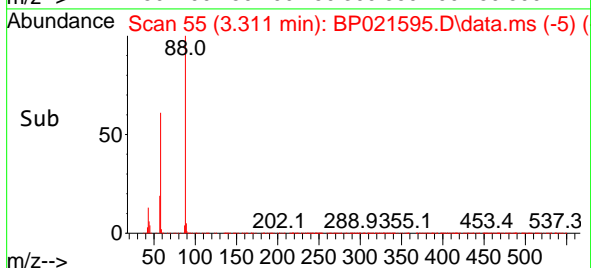
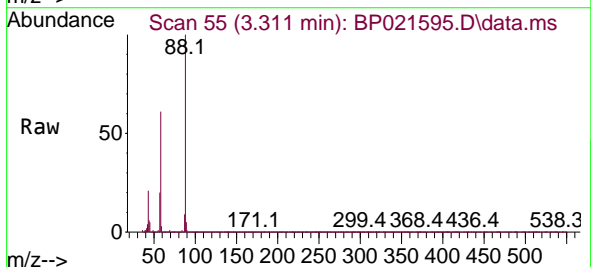
Manual Integrations
 APPROVED

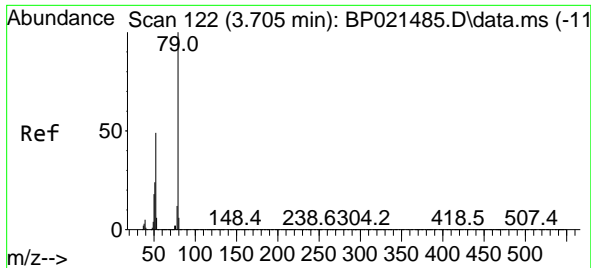
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024



#2
 1,4-Dioxane
 Concen: 28.319 ng
 RT: 3.311 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

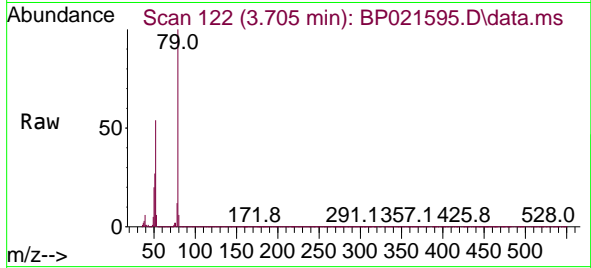
Tgt Ion: 88 Resp: 347460
 Ion Ratio Lower Upper
 88 100
 58 61.3 48.7 73.1
 43 19.1 15.4 23.2





#3
 Pyridine
 Concen: 27.171 ng
 RT: 3.705 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

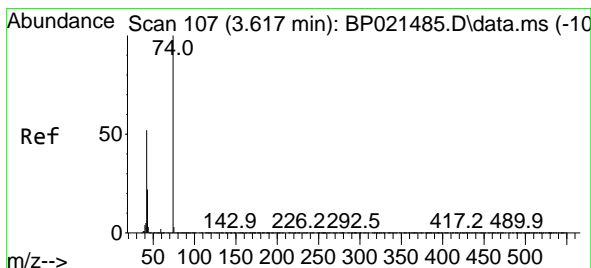
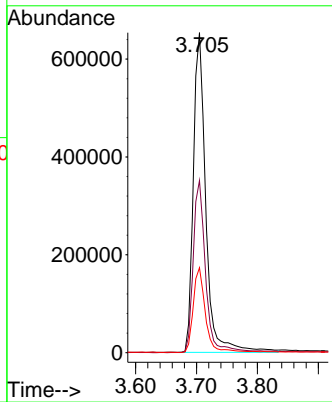
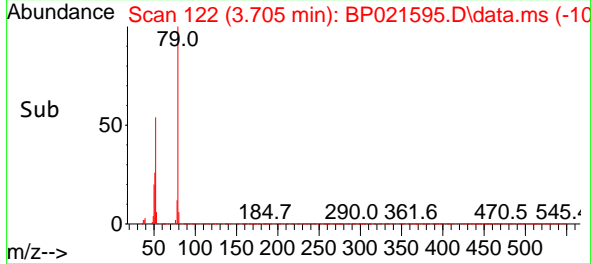
Instrument :
 BNA_P
 Client Sample Id :
 PB162788BSD



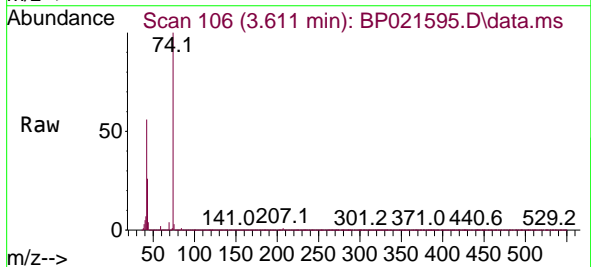
Tgt Ion: 79 Resp: 93065
 Ion Ratio Lower Upper
 79 100
 52 53.8 39.0 58.6
 51 26.6 19.2 28.8

Manual Integrations
 APPROVED

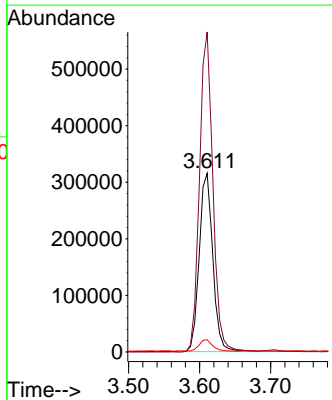
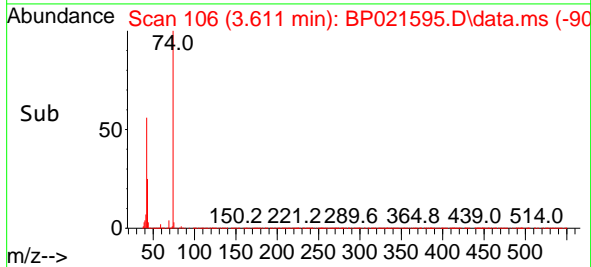
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

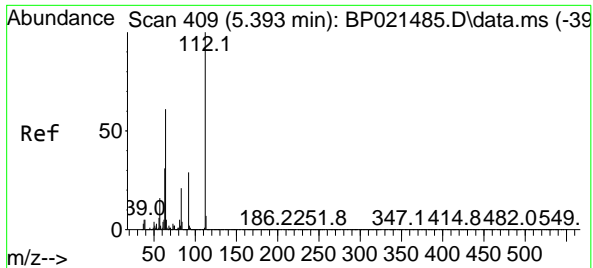


#4
 n-Nitrosodimethylamine
 Concen: 41.032 ng
 RT: 3.611 min Scan# 106
 Delta R.T. -0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



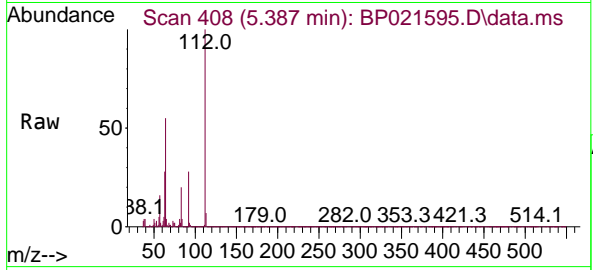
Tgt Ion: 42 Resp: 422424
 Ion Ratio Lower Upper
 42 100
 74 179.1 154.3 231.5
 44 6.8 6.2 9.4





#5
 2-Fluorophenol
 Concen: 128.905 ng
 RT: 5.387 min Scan# 408
 Delta R.T. -0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

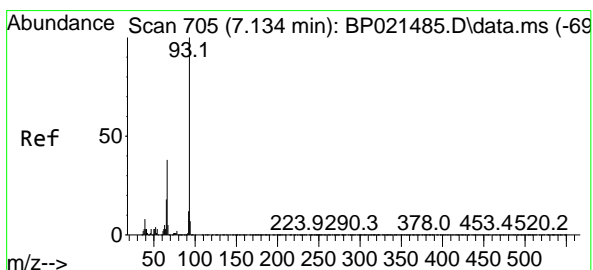
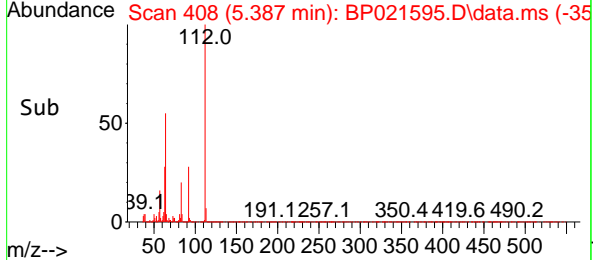
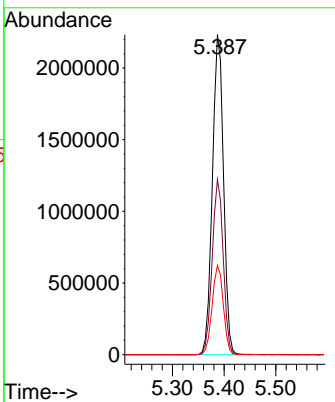
Instrument :
 BNA_P
 Client Sample Id :
 PB162788BSD



Tgt Ion: 112 Resp: 333555

Ion	Ratio	Lower	Upper
112	100		
64	54.7	49.0	73.6
63	27.9	24.6	36.8

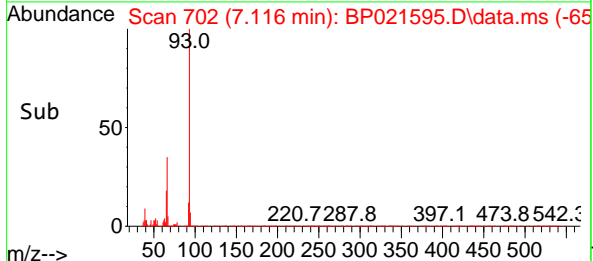
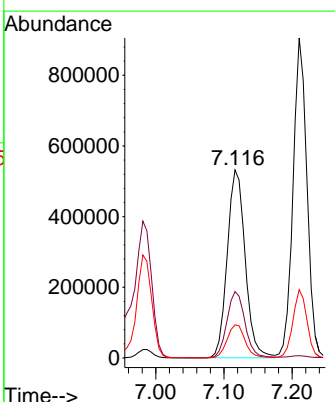
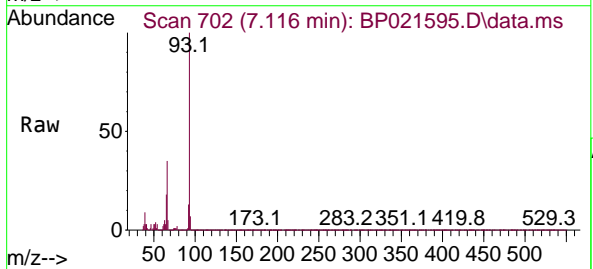
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

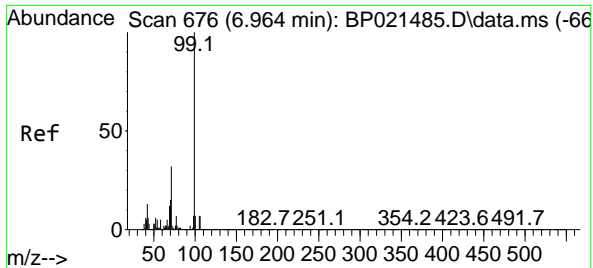


#6
 Aniline
 Concen: 25.867 ng
 RT: 7.116 min Scan# 702
 Delta R.T. -0.018 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Tgt Ion: 93 Resp: 976151

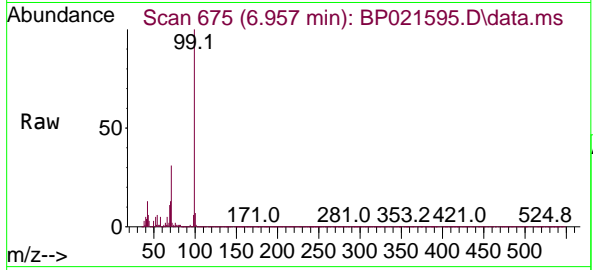
Ion	Ratio	Lower	Upper
93	100		
66	35.4	30.2	45.2
65	17.6	14.7	22.1





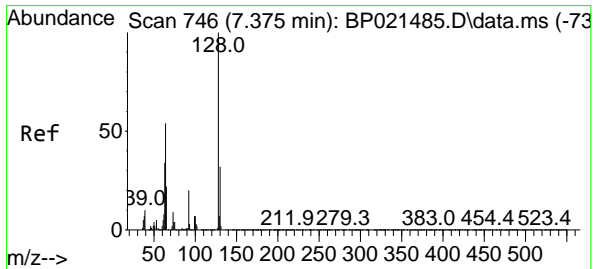
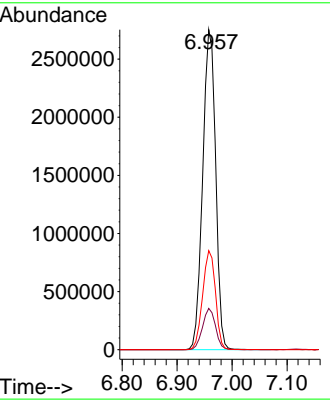
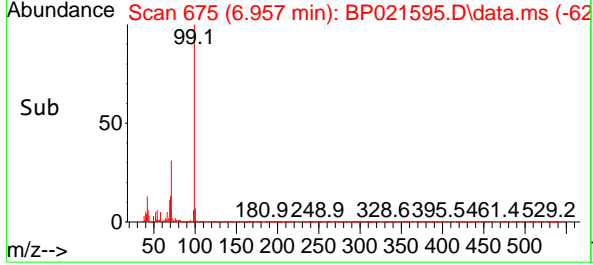
#7
 Phenol-d6
 Concen: 119.362 ng
 RT: 6.957 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :
 BNA_P
 Client Sample Id :
 PB162788BSD

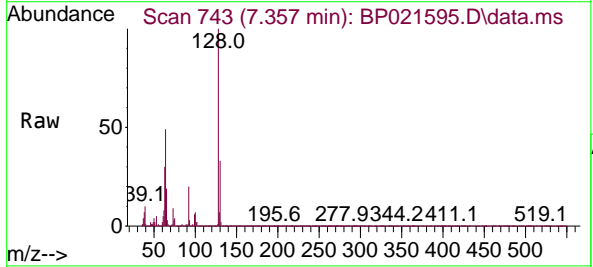


Tgt Ion: 99 Resp: 450559
 Ion Ratio Lower Upper
 99 100
 42 12.9 10.2 15.4
 71 31.0 25.8 38.8

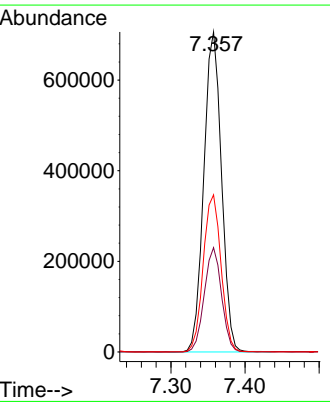
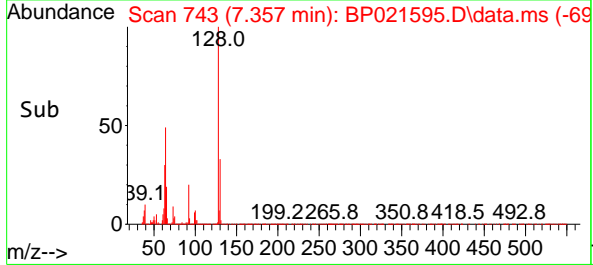
Manual Integrations
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 Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

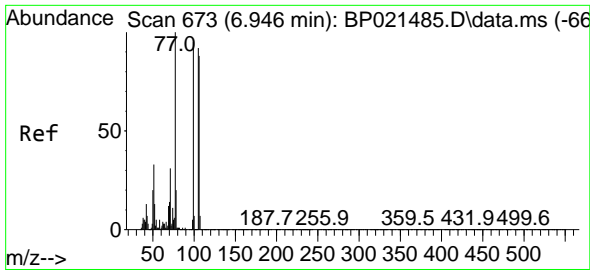


#8
 2-Chlorophenol
 Concen: 48.883 ng
 RT: 7.357 min Scan# 743
 Delta R.T. -0.018 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion:128 Resp: 1168921
 Ion Ratio Lower Upper
 128 100
 130 32.6 11.6 51.6
 64 49.1 35.3 75.3





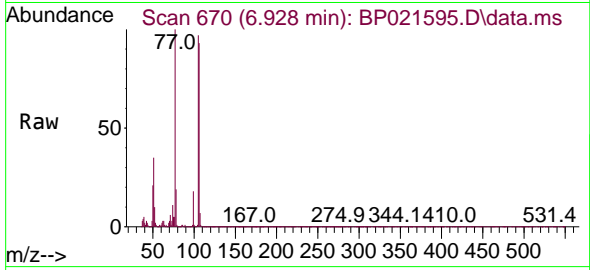
#9
Benzaldehyde
Concen: 18.105 ng m
RT: 6.928 min Scan# 670
Delta R.T. -0.018 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD



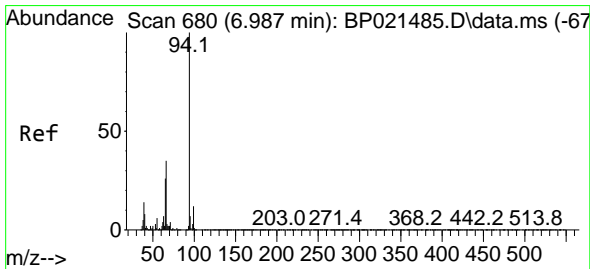
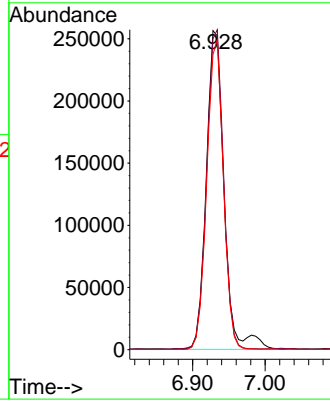
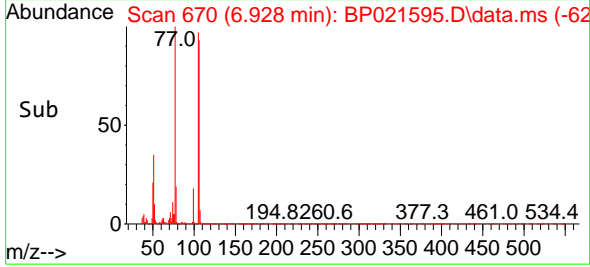
Tgt Ion: 77 Resp: 43757
Ion Ratio Lower Upper
77 100
105 97.5 72.1 112.1
106 92.6 67.9 107.9

Manual Integrations

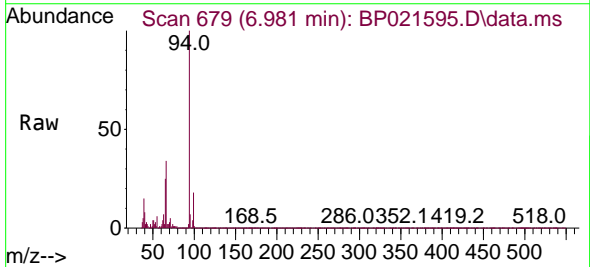
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Reviewed By :Yogesh Patel 08/22/2024

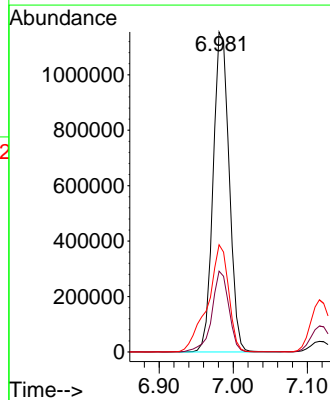
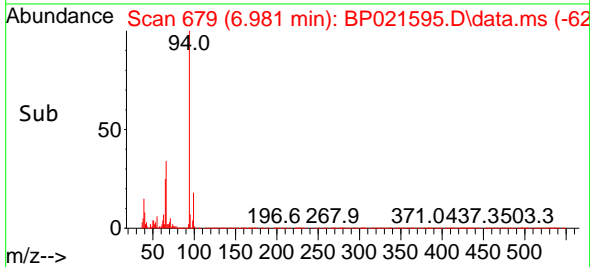
Supervised By :mohammad ahmed 08/22/2024

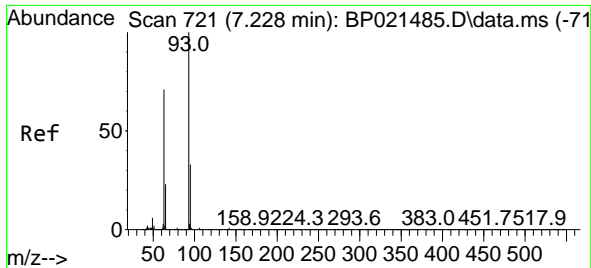


#10
Phenol
Concen: 44.410 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.006 min
Lab File: BP021595.D
Acq: 21 Aug 2024 13:08



Tgt Ion: 94 Resp: 1735921
Ion Ratio Lower Upper
94 100
65 25.2 6.5 46.5
66 33.5 14.7 54.7





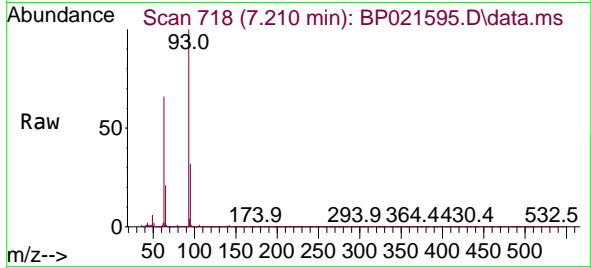
#11
 bis(2-Chloroethyl)ether
 Concen: 38.994 ng
 RT: 7.210 min Scan# 718
 Delta R.T. -0.018 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

Client Sample Id :

PB162788BSD



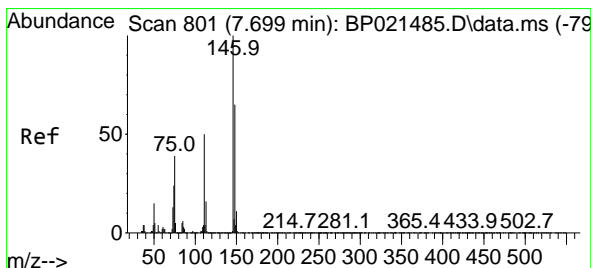
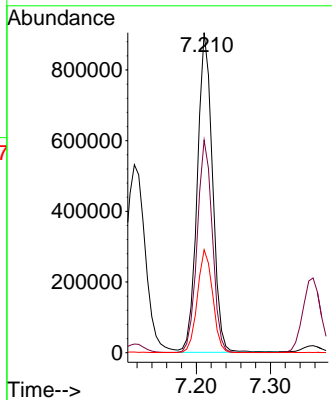
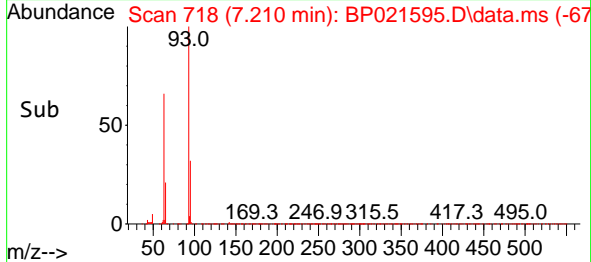
Tgt Ion: 93 Resp: 128973

Ion	Ratio	Lower	Upper
93	100		
63	66.4	51.0	91.0
95	32.1	12.9	52.9

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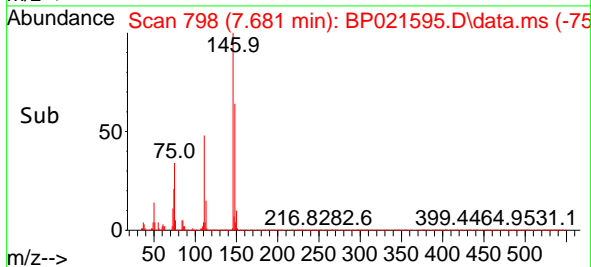
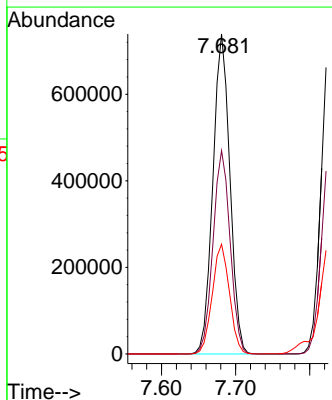
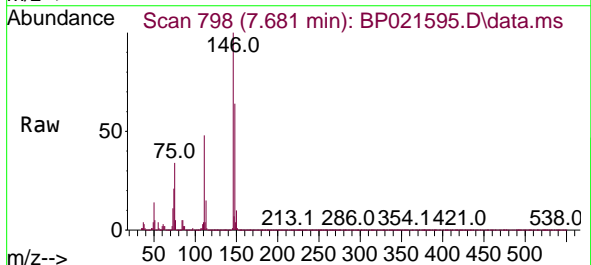
Supervised By :mohammad ahmed 08/22/2024

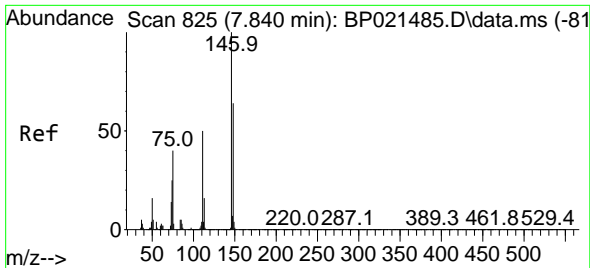


#12
 1,3-Dichlorobenzene
 Concen: 41.447 ng
 RT: 7.681 min Scan# 798
 Delta R.T. -0.018 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Tgt Ion:146 Resp: 1177258

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
75	34.3	31.3	46.9





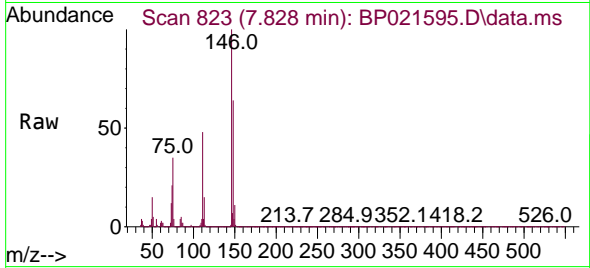
#13
 1,4-Dichlorobenzene
 Concen: 41.761 ng
 RT: 7.828 min Scan# 811
 Delta R.T. -0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

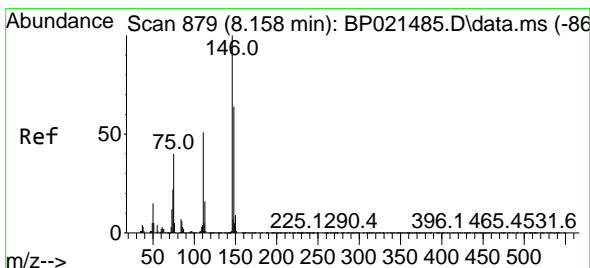
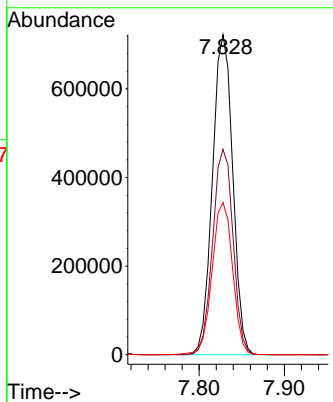
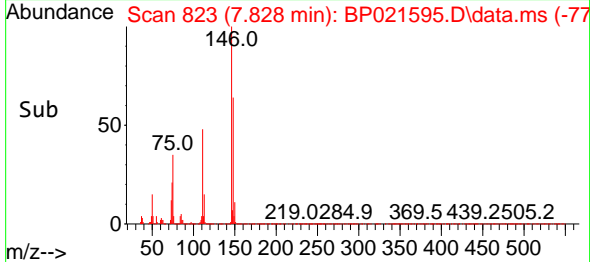
PB162788BSD



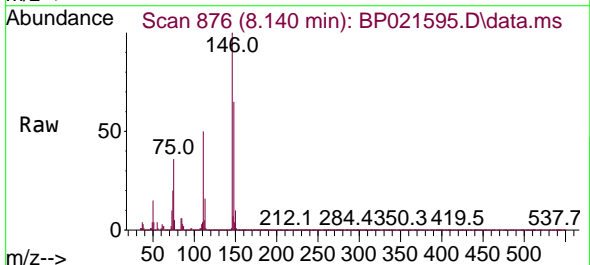
Tgt Ion:146 Resp: 119776
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.5 77.3
 111 47.6 40.3 60.5

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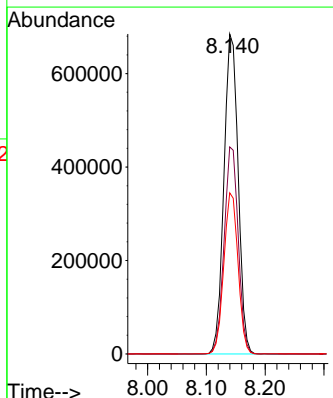
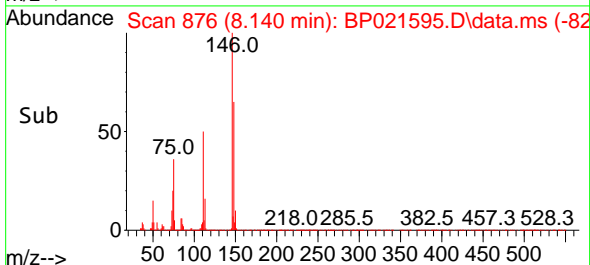
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

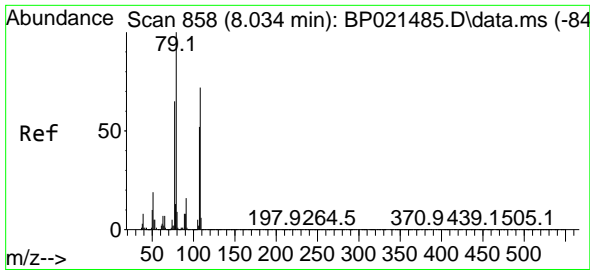


#14
 1,2-Dichlorobenzene
 Concen: 41.572 ng
 RT: 8.140 min Scan# 876
 Delta R.T. -0.018 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion:146 Resp: 1149033
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.5 77.3
 111 50.3 41.1 61.7





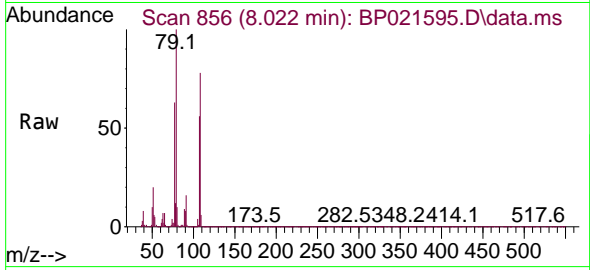
#15
 Benzyl Alcohol
 Concen: 43.470 ng
 RT: 8.022 min Scan# 804
 Delta R.T. -0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD



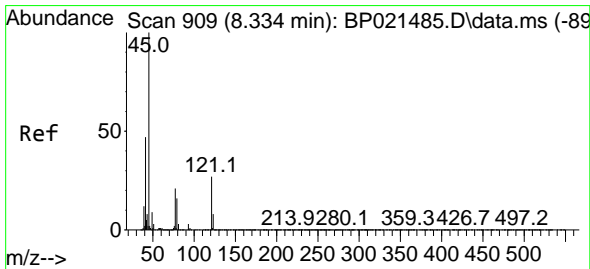
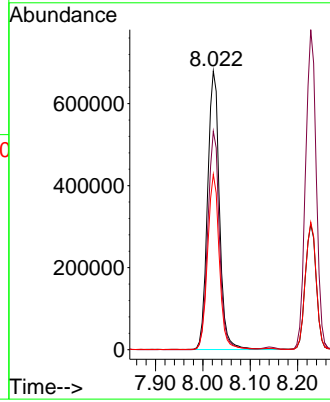
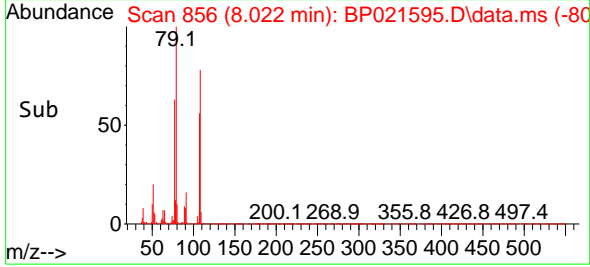
Tgt Ion: 79 Resp: 117733

Ion	Ratio	Lower	Upper
79	100		
108	78.3	57.9	86.9
77	62.9	51.8	77.8

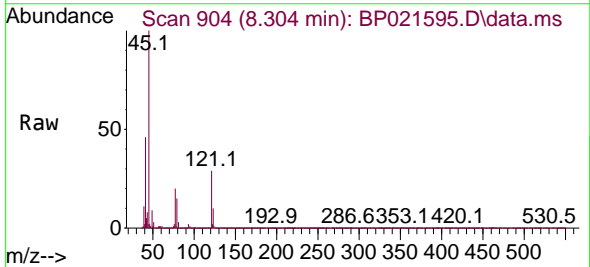
Manual Integrations
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Supervised By :mohammad ahmed 08/22/2024

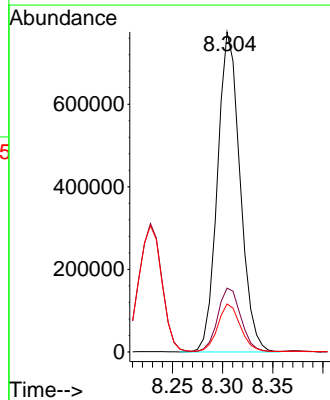
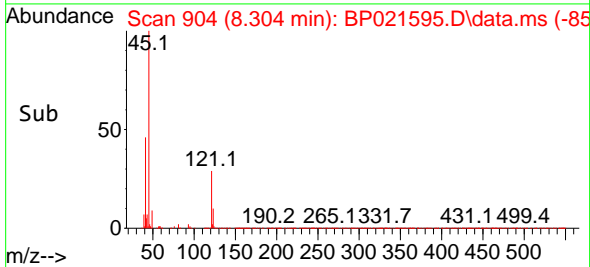


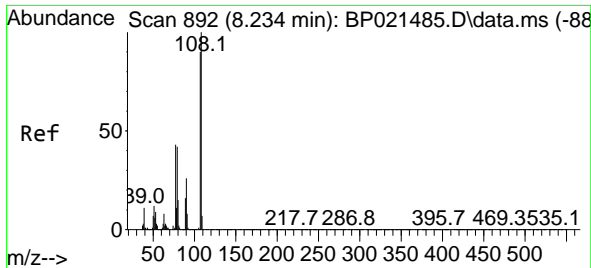
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 39.802 ng
 RT: 8.304 min Scan# 904
 Delta R.T. -0.030 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion: 45 Resp: 1212340

Ion	Ratio	Lower	Upper
45	100		
77	20.0	1.9	41.9
79	15.0	0.0	36.6





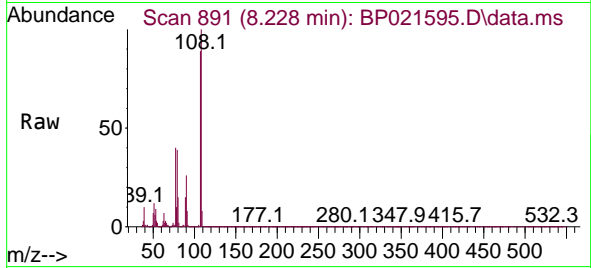
#17
 2-Methylphenol
 Concen: 44.914 ng
 RT: 8.228 min Scan# 891
 Delta R.T. -0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

Client Sample Id :

PB162788BSD



Tgt Ion: 107 Resp: 1109884

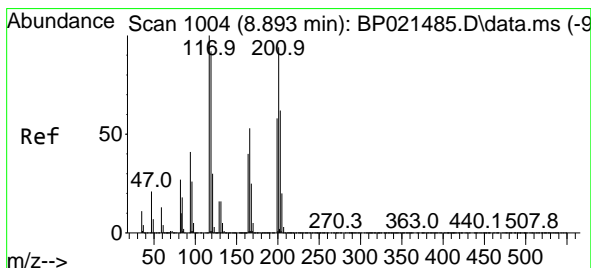
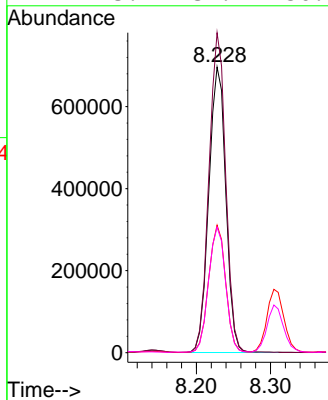
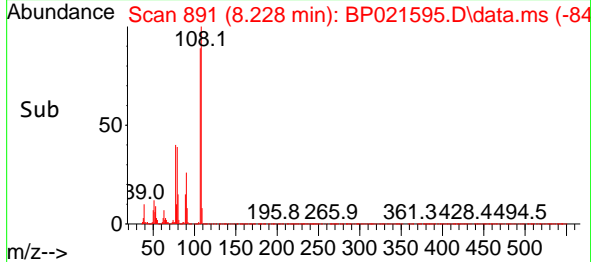
Ion	Ratio	Lower	Upper
107	100		
108	112.0	88.8	133.2
77	44.7	38.7	58.1
79	43.9	37.4	56.2

Manual Integrations

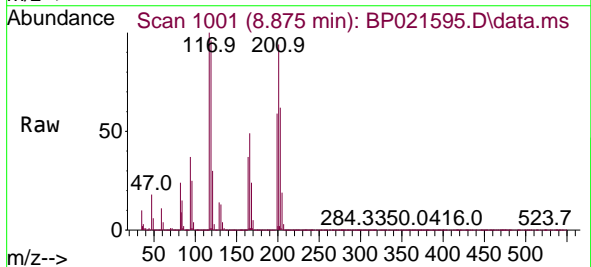
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Supervised By :mohammad ahmed 08/22/2024

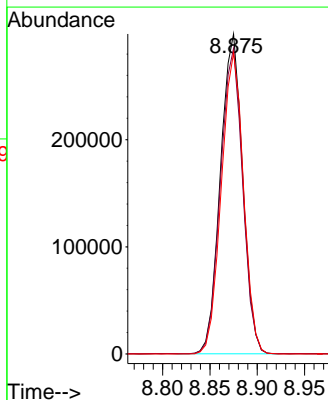
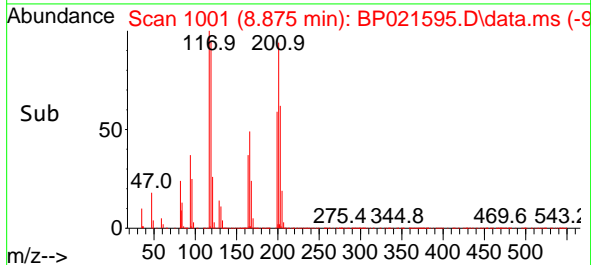


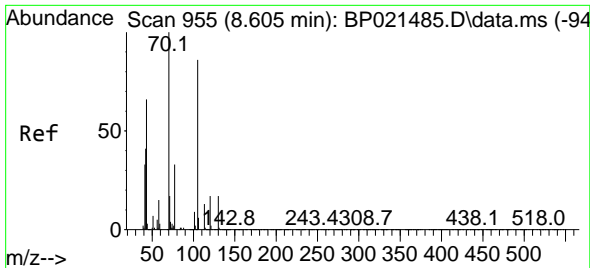
#18
 Hexachloroethane
 Concen: 42.371 ng
 RT: 8.875 min Scan# 1001
 Delta R.T. -0.018 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion: 117 Resp: 487335

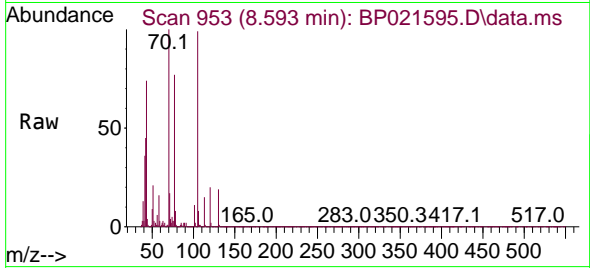
Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.9	110.9
201	94.1	74.9	112.3





#19
 n-Nitroso-di-n-propylamine
 Concen: 34.512 ng
 RT: 8.593 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :
 BNA_P
 Client Sample Id :
 PB162788BSD

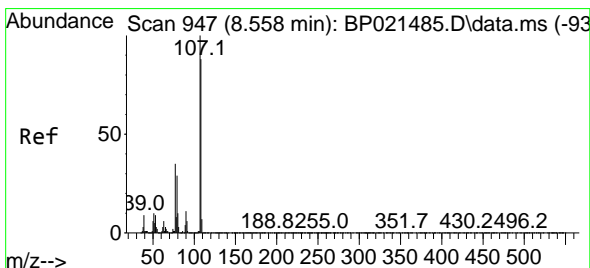
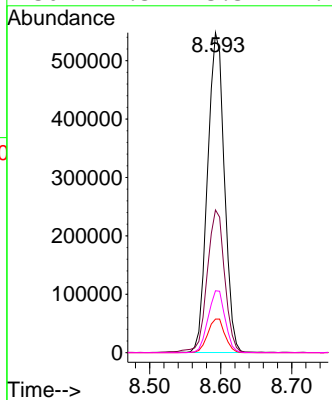
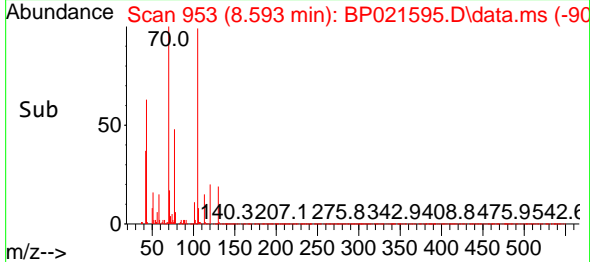


Tgt Ion: 70 Resp: 89988

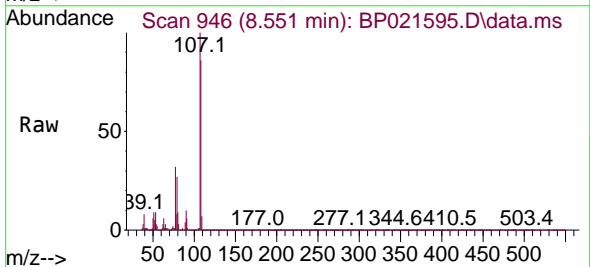
Ion	Ratio	Lower	Upper
70	100		
42	44.6	33.1	49.7
101	10.5	7.4	11.2
130	19.3	13.3	19.9

Manual Integrations
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 Supervised By :mohammad ahmed 08/22/2024

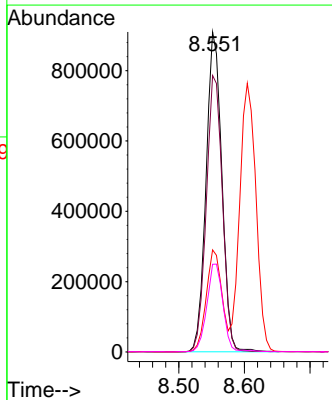
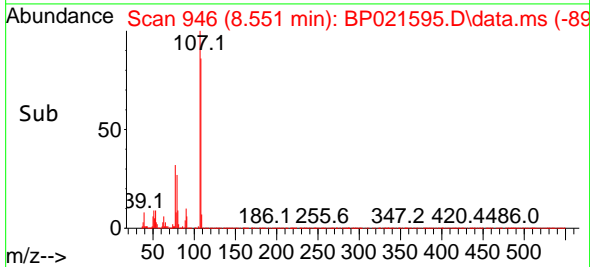


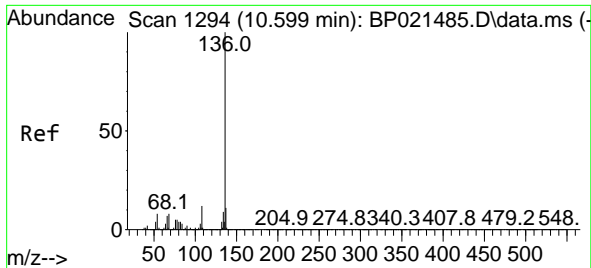
#20
 3+4-Methylphenols
 Concen: 45.773 ng
 RT: 8.551 min Scan# 946
 Delta R.T. -0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion: 107 Resp: 1525158

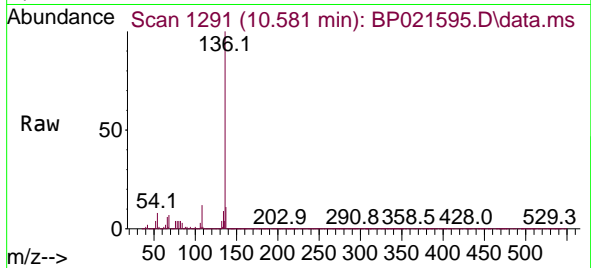
Ion	Ratio	Lower	Upper
107	100		
108	86.4	67.6	107.6
77	31.9	15.0	55.0
79	27.4	8.9	48.9





#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.581 min Scan# 111
 Delta R.T. -0.018 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :
 BNA_P
 ClientSampleId :
 PB162788BSD

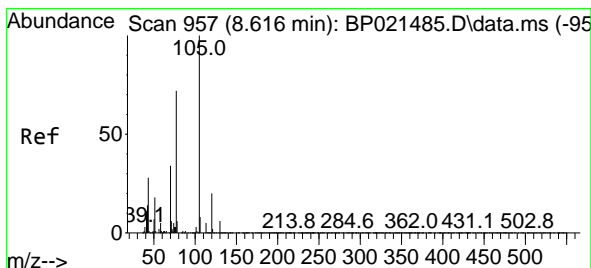
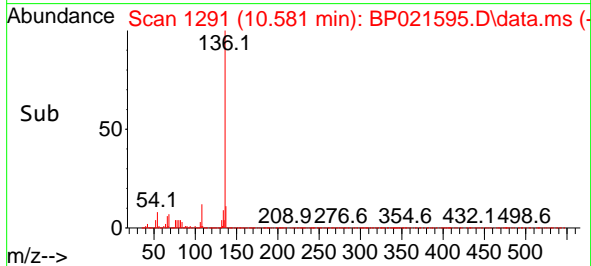
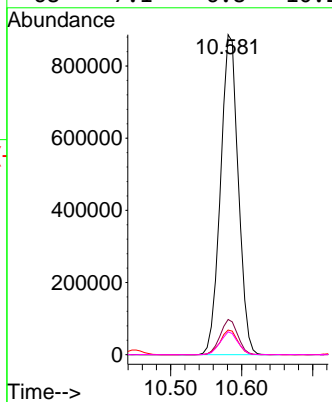


Tgt Ion:136 Resp: 153174

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	6.3	9.5
68	7.1	6.8	10.2

Manual Integrations
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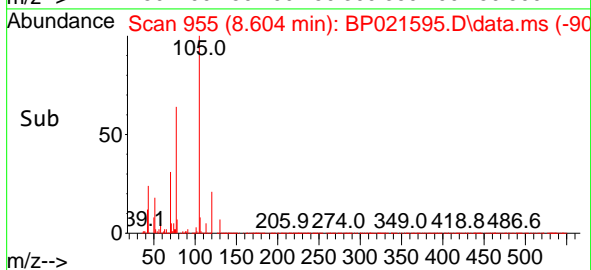
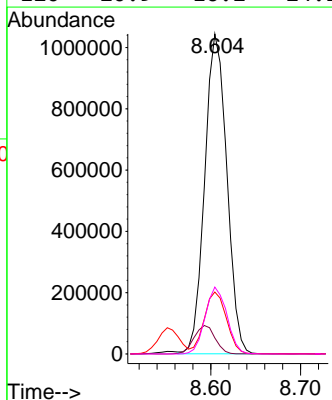
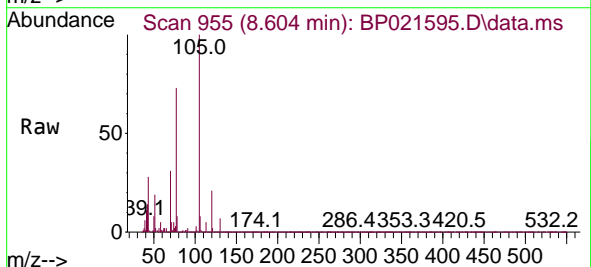
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

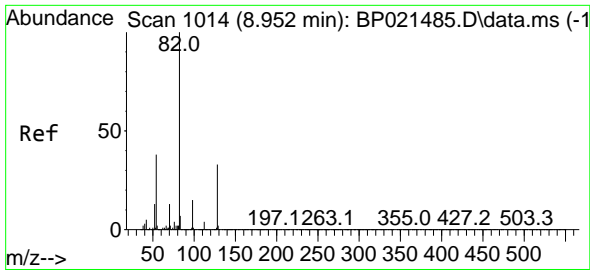


#22
 Acetophenone
 Concen: 37.920 ng
 RT: 8.604 min Scan# 955
 Delta R.T. -0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Tgt Ion:105 Resp: 1784403

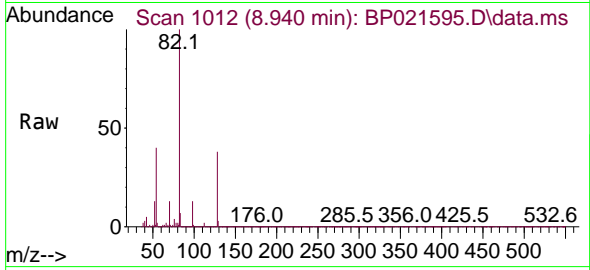
Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.6	7.0
51	19.3	16.3	24.5
120	20.9	16.2	24.2





#23
 Nitrobenzene-d5
 Concen: 89.853 ng
 RT: 8.940 min Scan# 1019
 Delta R.T. -0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

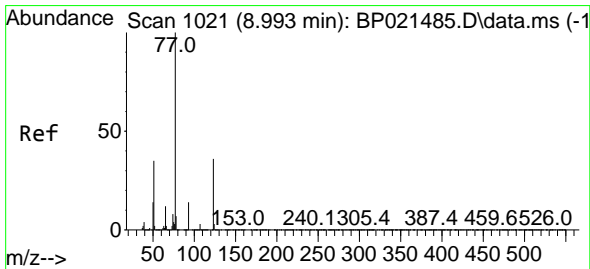
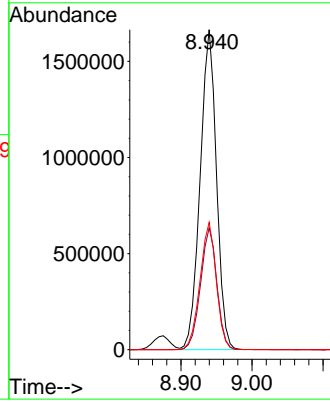
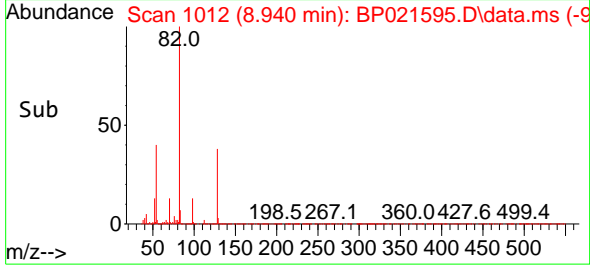
Instrument :
 BNA_P
 Client Sample Id :
 PB162788BSD



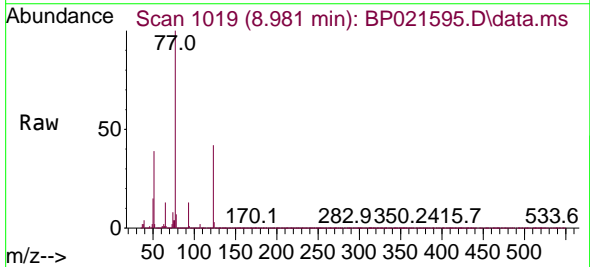
Tgt Ion: 82 Resp: 266651
 Ion Ratio Lower Upper
 82 100
 128 38.1 26.5 39.7
 54 39.8 30.3 45.5

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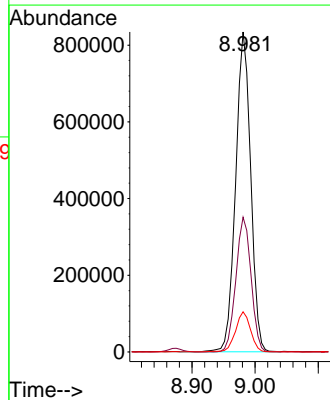
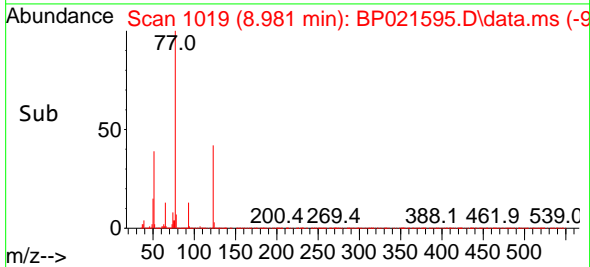
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

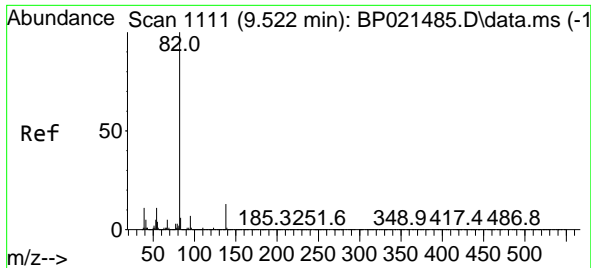


#24
 Nitrobenzene
 Concen: 42.755 ng
 RT: 8.981 min Scan# 1019
 Delta R.T. -0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



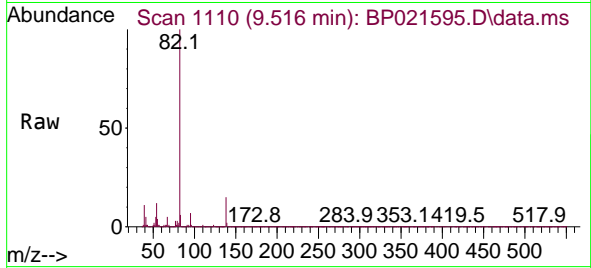
Tgt Ion: 77 Resp: 1378068
 Ion Ratio Lower Upper
 77 100
 123 42.1 29.5 44.3
 65 12.5 9.9 14.9





#25
 Isophorone
 Concen: 37.986 ng
 RT: 9.516 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

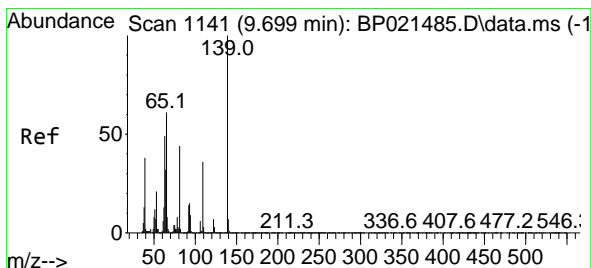
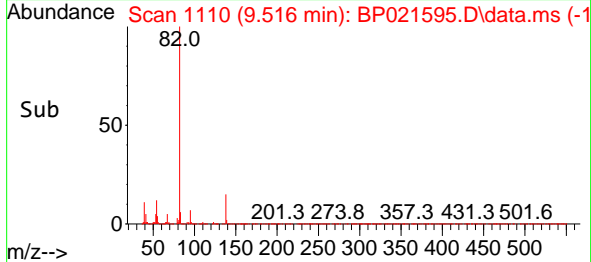
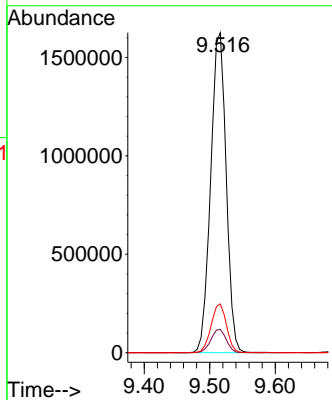
Instrument :
 BNA_P
 Client Sample Id :
 PB162788BSD



Tgt Ion: 82 Resp: 266313
 Ion Ratio Lower Upper
 82 100
 95 7.3 5.4 8.2
 138 15.3 10.6 16.0

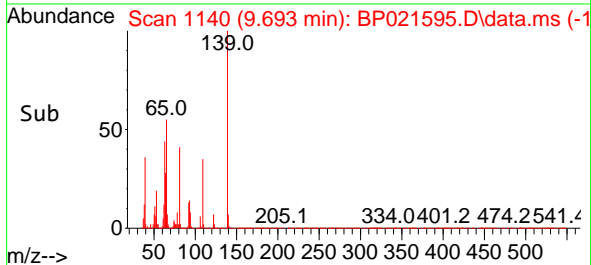
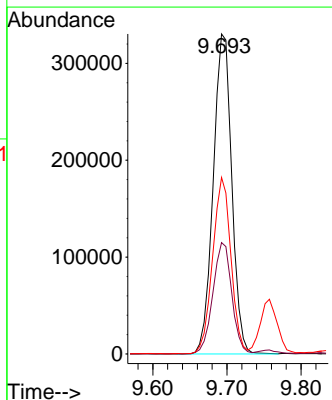
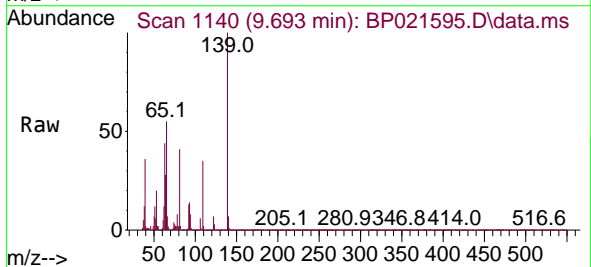
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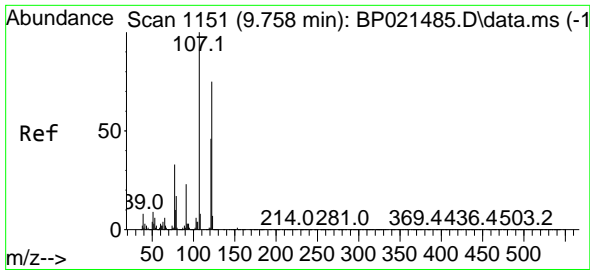
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024



#26
 2-Nitrophenol
 Concen: 61.555 ng
 RT: 9.693 min Scan# 1140
 Delta R.T. -0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

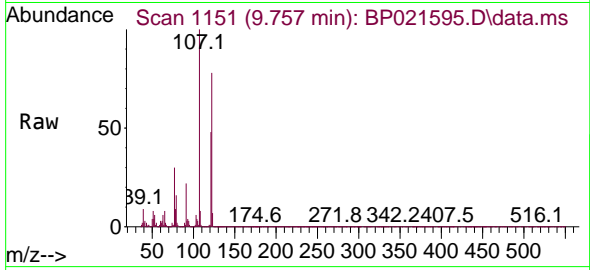
Tgt Ion:139 Resp: 573672
 Ion Ratio Lower Upper
 139 100
 109 34.8 28.9 43.3
 65 55.2 49.0 73.6





#27
 2,4-Dimethylphenol
 Concen: 50.640 ng
 RT: 9.757 min Scan# 1151
 Delta R.T. -0.000 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

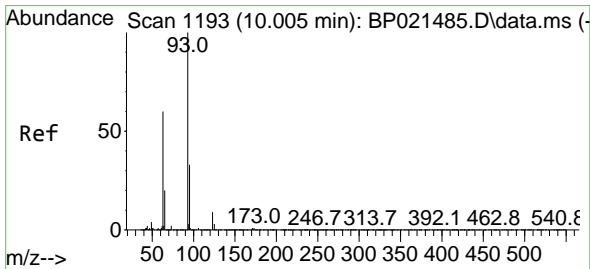
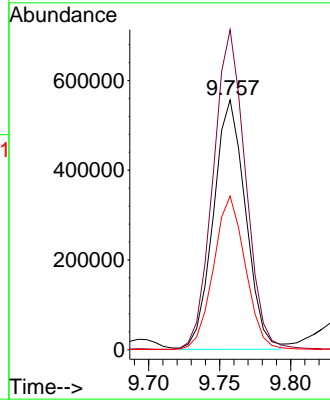
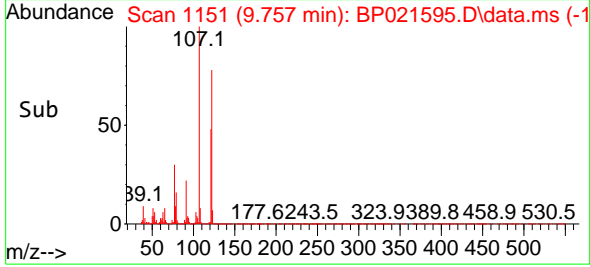
Instrument :
 BNA_P
 ClientSampleId :
 PB162788BSD



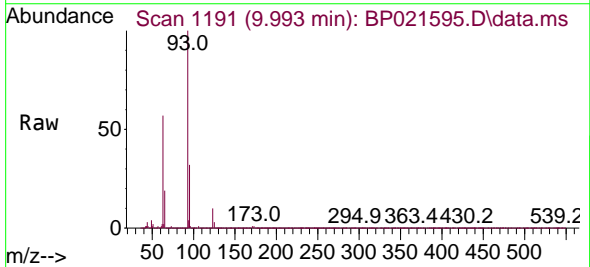
Tgt Ion: 122 Resp: 87617
 Ion Ratio Lower Upper
 122 100
 107 128.1 106.2 159.4
 121 61.5 48.8 73.2

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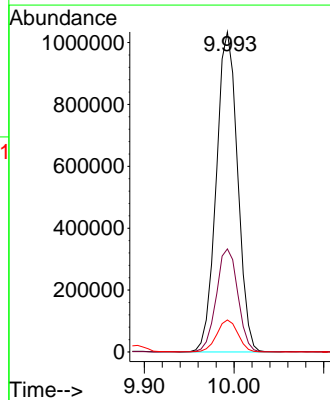
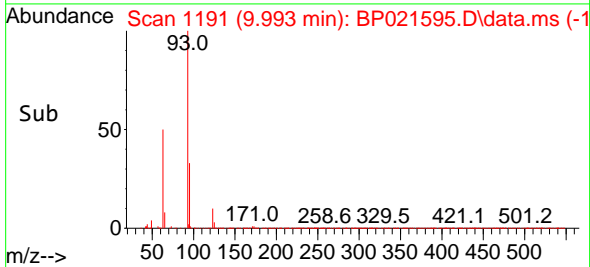
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

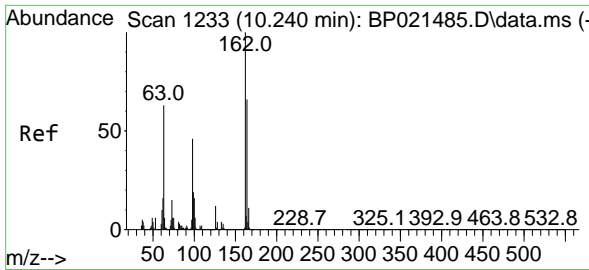


#28
 bis(2-Chloroethoxy)methane
 Concen: 39.795 ng
 RT: 9.993 min Scan# 1191
 Delta R.T. -0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion: 93 Resp: 1703029
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.2 39.4
 123 10.0 7.6 11.4





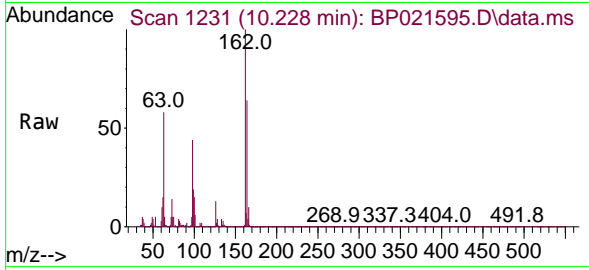
#29
 2,4-Dichlorophenol
 Concen: 52.467 ng
 RT: 10.228 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

Client Sample Id :

PB162788BSD



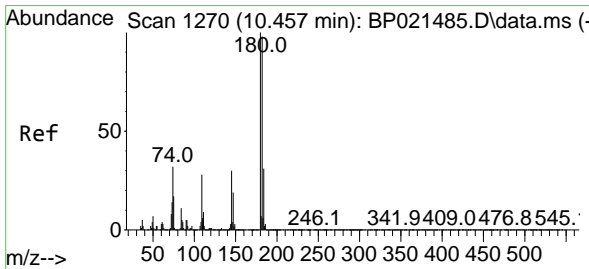
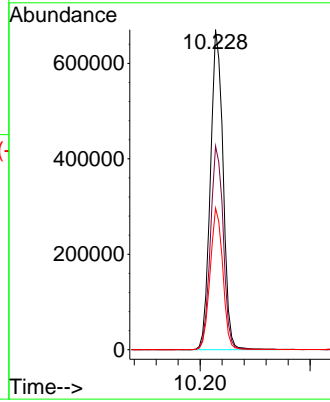
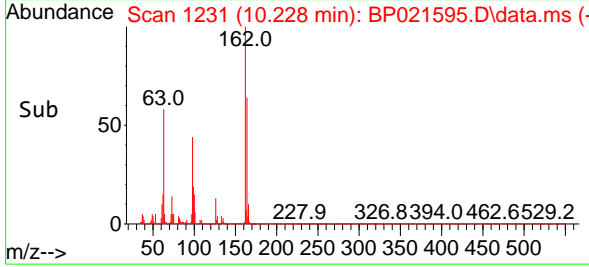
Tgt Ion:162 Resp: 107256
 Ion Ratio Lower Upper
 162 100
 164 63.6 45.9 85.9
 98 44.2 26.3 66.3

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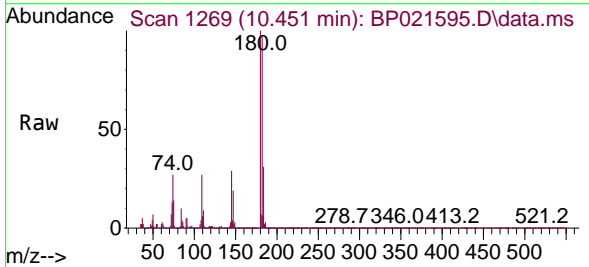
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Reviewed By :Yogesh Patel 08/22/2024

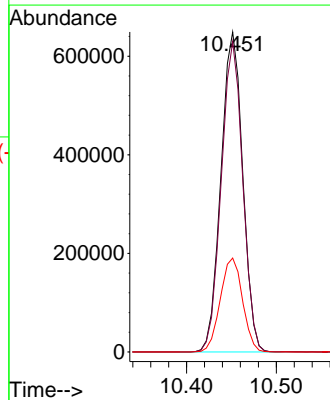
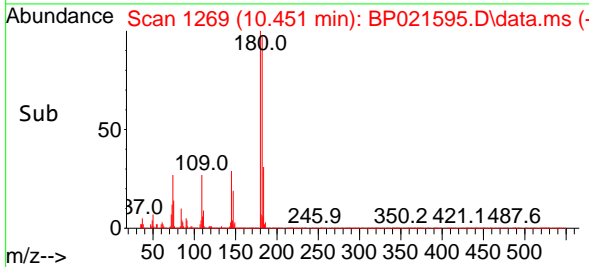
Supervised By :mohammad ahmed 08/22/2024

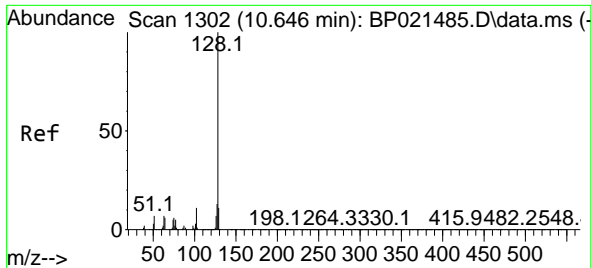


#30
 1,2,4-Trichlorobenzene
 Concen: 41.636 ng
 RT: 10.451 min Scan# 1269
 Delta R.T. -0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



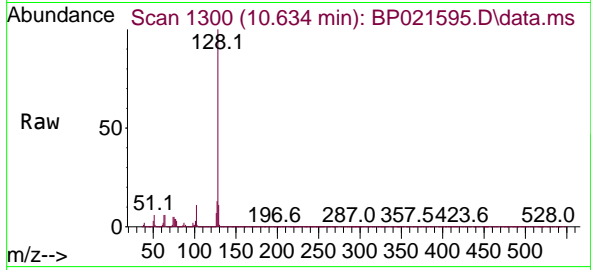
Tgt Ion:180 Resp: 1091243
 Ion Ratio Lower Upper
 180 100
 182 97.0 78.3 117.5
 145 29.4 24.0 36.0





#31
 Naphthalene
 Concen: 42.523 ng
 RT: 10.634 min Scan# 1117
 Delta R.T. -0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

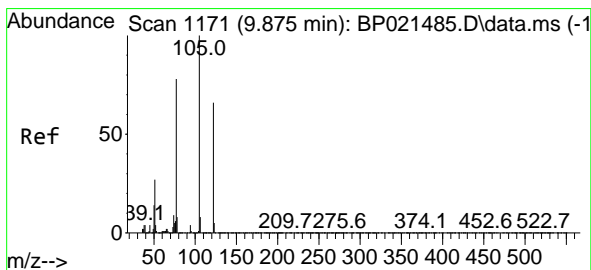
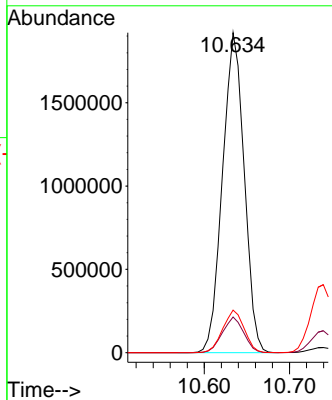
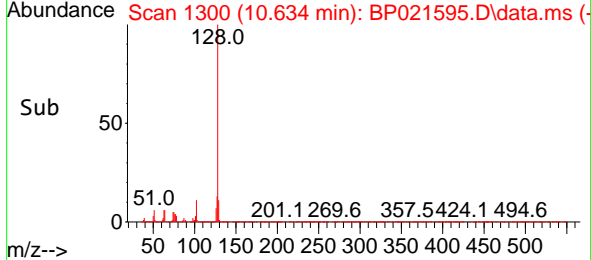
Instrument :
 BNA_P
 Client Sample Id :
 PB162788BSD



Tgt Ion:128 Resp: 340262
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.6 12.8
 127 13.3 10.6 15.8

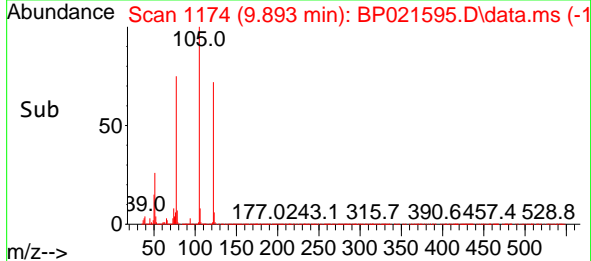
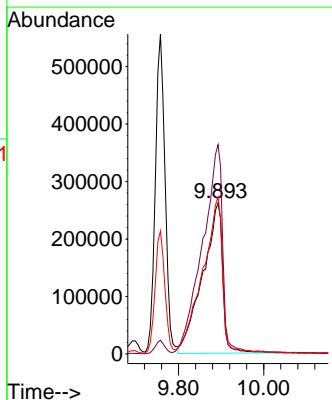
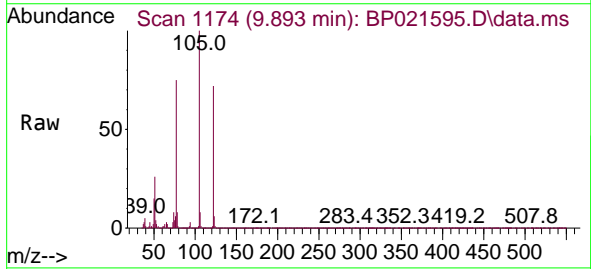
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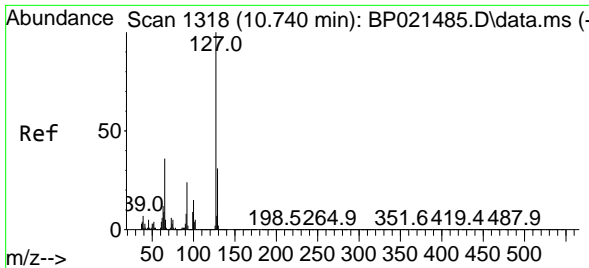
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024



#32
 Benzoic acid
 Concen: 65.379 ng
 RT: 9.893 min Scan# 1174
 Delta R.T. 0.018 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

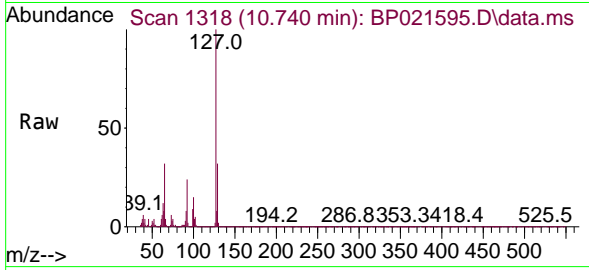
Tgt Ion:122 Resp: 851943
 Ion Ratio Lower Upper
 122 100
 105 138.7 124.6 164.6
 77 103.9 96.2 136.2





#33
 4-Chloroaniline
 Concen: 25.841 ng
 RT: 10.740 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument : BNA_P
 Client Sample Id : PB162788BSD

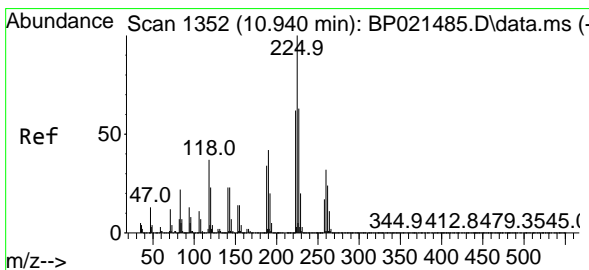
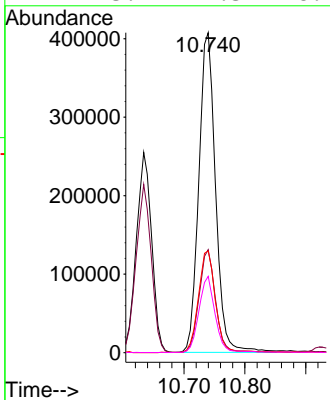
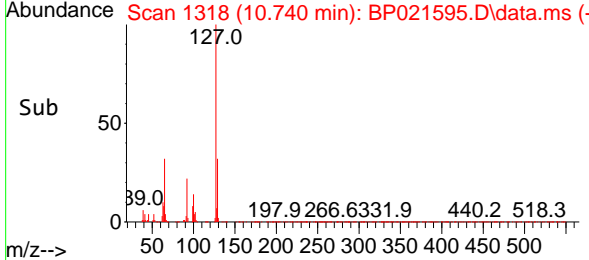


Tgt Ion: 127 Resp: 776724

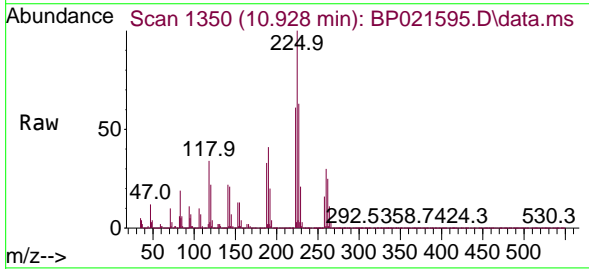
Ion	Ratio	Lower	Upper
127	100		
129	32.2	24.5	36.7
65	31.8	28.9	43.3
92	23.9	19.3	28.9

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 Supervised By :mohammad ahmed 08/22/2024

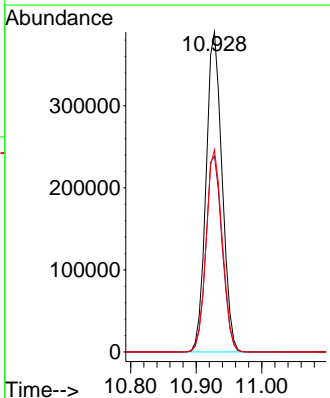
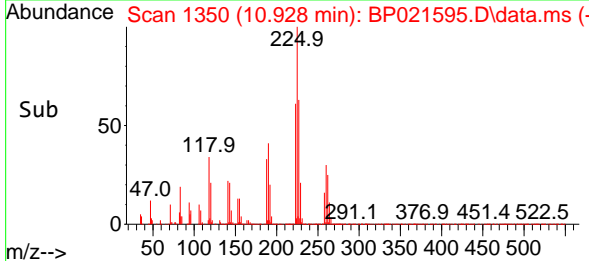


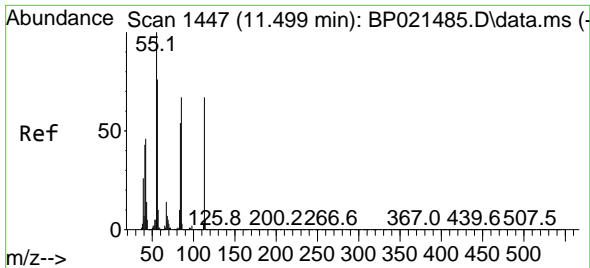
#34
 Hexachlorobutadiene
 Concen: 39.924 ng
 RT: 10.928 min Scan# 1350
 Delta R.T. -0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion: 225 Resp: 658832

Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.6	74.4
227	63.2	50.1	75.1





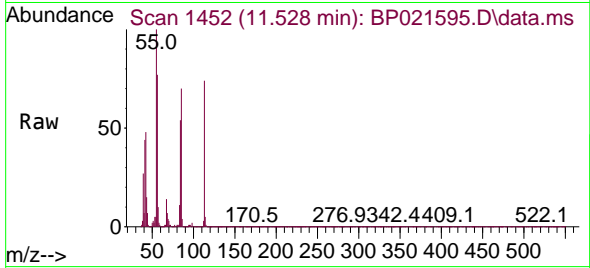
#35
 Caprolactam
 Concen: 47.343 ng m
 RT: 11.528 min Scan# 1447
 Delta R.T. 0.029 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

Client Sample Id :

PB162788BSD



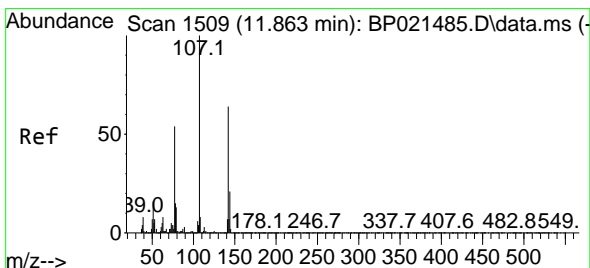
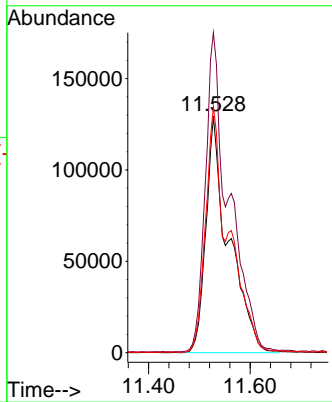
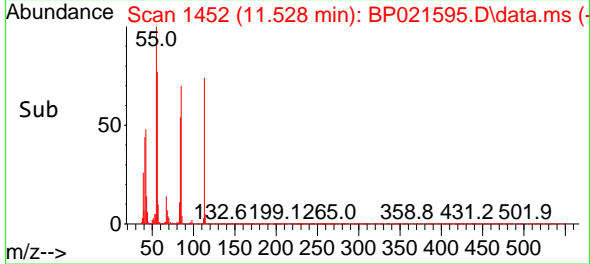
Tgt Ion: 113 Resp: 40283
 Ion Ratio Lower Upper
 113 100
 55 135.4 130.6 170.6
 56 104.1 94.6 134.6

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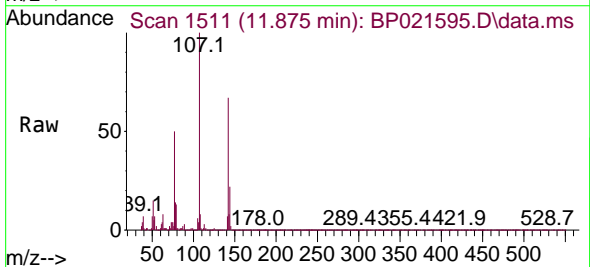
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

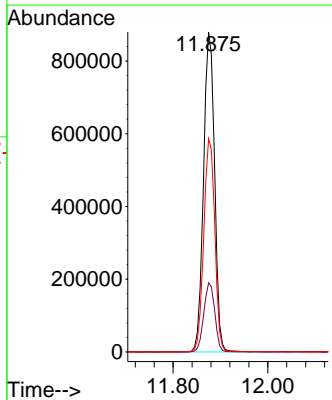
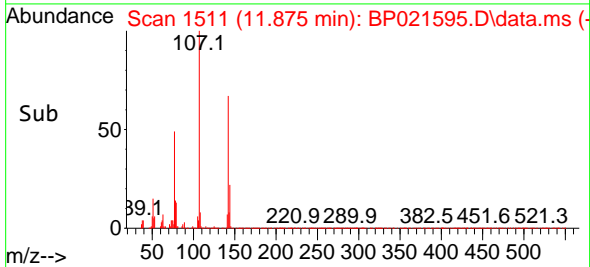
Supervised By :mohammad ahmed 08/22/2024

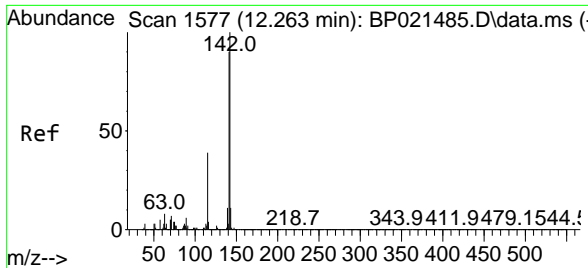


#36
 4-Chloro-3-methylphenol
 Concen: 50.007 ng
 RT: 11.875 min Scan# 1511
 Delta R.T. 0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



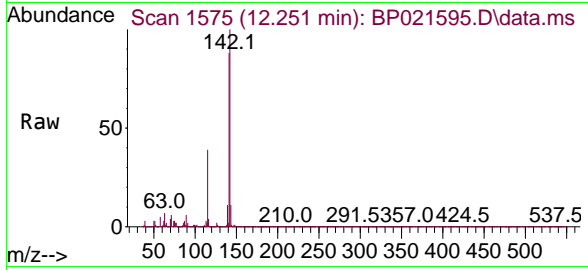
Tgt Ion: 107 Resp: 1418055
 Ion Ratio Lower Upper
 107 100
 144 21.6 16.6 24.8
 142 66.6 51.0 76.4





#37
 2-Methylnaphthalene
 Concen: 42.487 ng
 RT: 12.251 min Scan# 1613
 Delta R.T. -0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

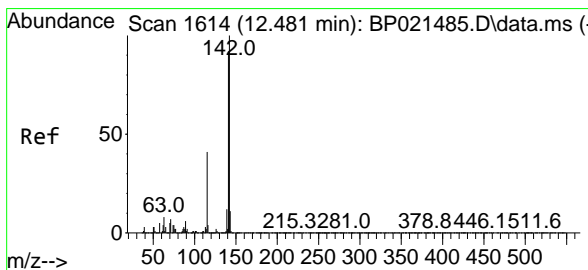
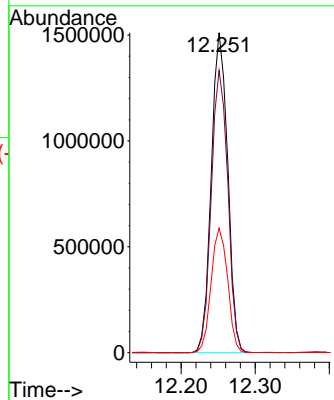
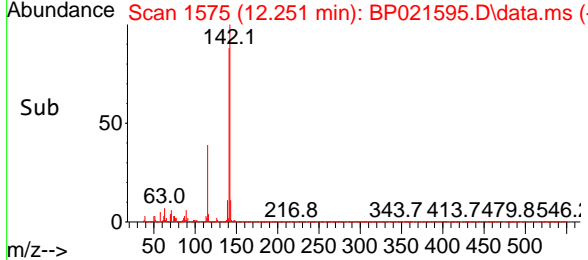
Instrument : BNA_P
 Client Sample Id : PB162788BSD



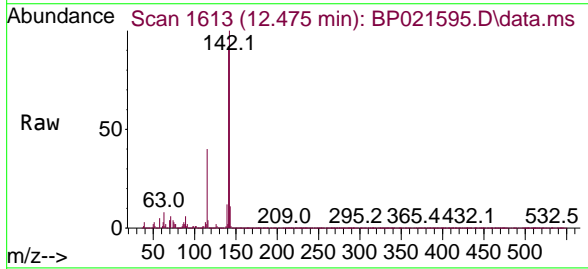
Tgt Ion:142 Resp: 2320318
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.7 107.5
 115 38.9 31.4 47.2

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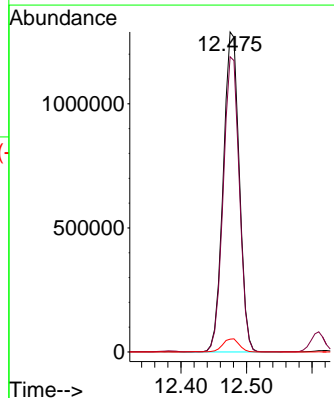
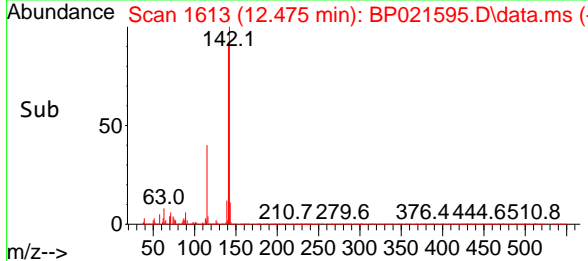
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

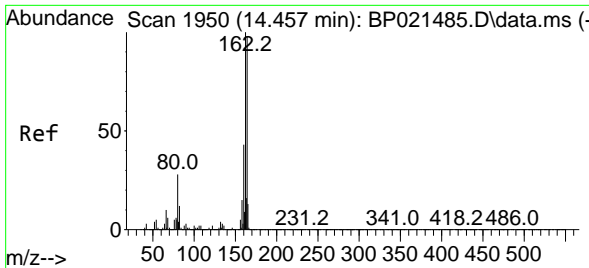


#38
 1-Methylnaphthalene
 Concen: 40.511 ng
 RT: 12.475 min Scan# 1613
 Delta R.T. -0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



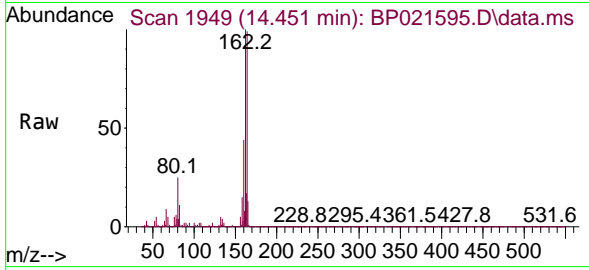
Tgt Ion:142 Resp: 2182028
 Ion Ratio Lower Upper
 142 100
 141 92.3 73.5 110.3
 116 4.0 3.4 5.2





#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.451 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

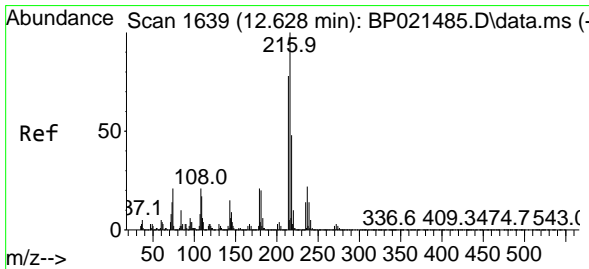
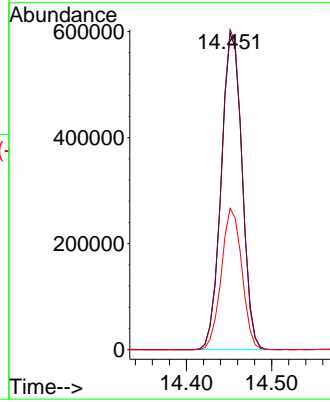
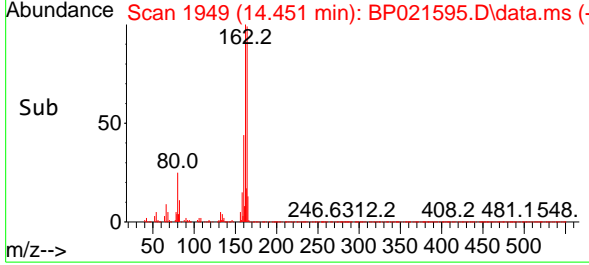
Instrument : BNA_P
 Client Sample Id : PB162788BSD



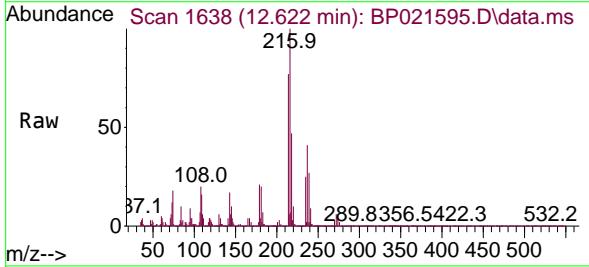
Tgt Ion:164 Resp: 100685
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.5 122.3
 160 44.7 35.2 52.8

Manual Integrations
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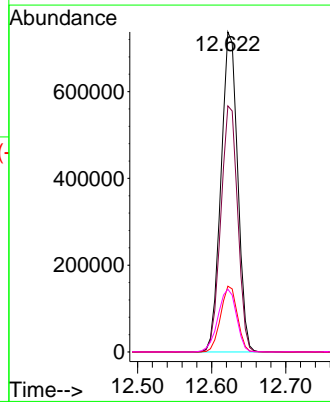
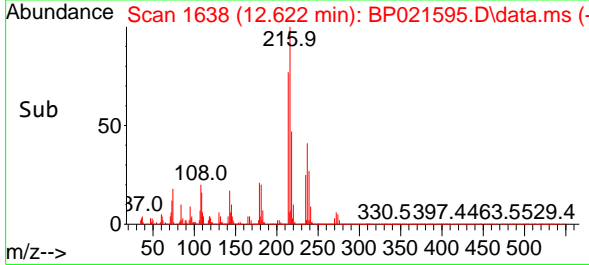
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

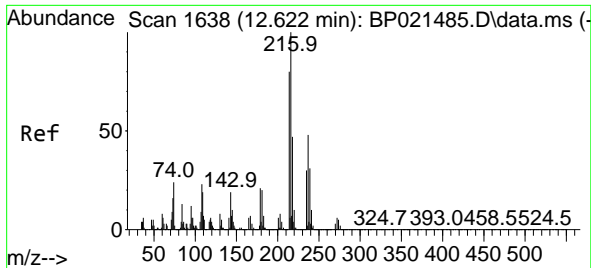


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.002 ng
 RT: 12.622 min Scan# 1638
 Delta R.T. -0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



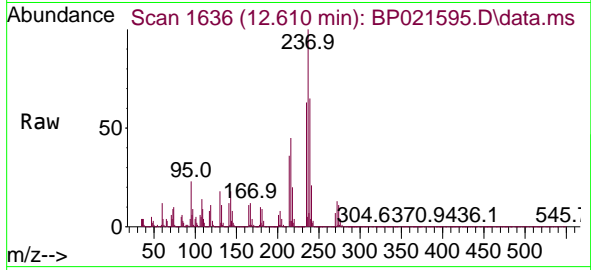
Tgt Ion:216 Resp: 1150611
 Ion Ratio Lower Upper
 216 100
 214 77.9 62.5 93.7
 179 20.6 16.4 24.6
 108 21.9 16.7 25.1





#41
 Hexachlorocyclopentadiene
 Concen: 106.554 ng
 RT: 12.610 min Scan# 1636
 Delta R.T. -0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument : BNA_P
 Client Sample Id : PB162788BSD

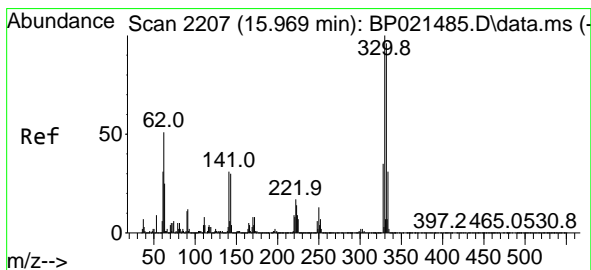
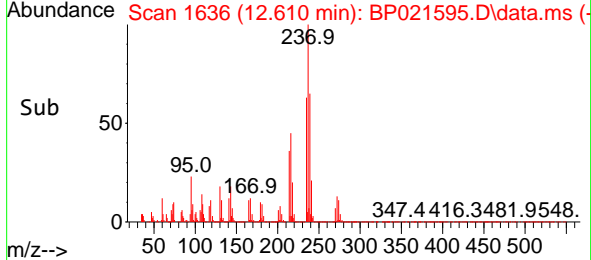
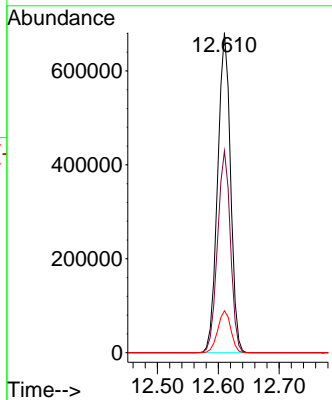


Tgt Ion: 237 Resp: 99627

Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.9	83.9
272	13.1	0.0	33.3

Manual Integrations
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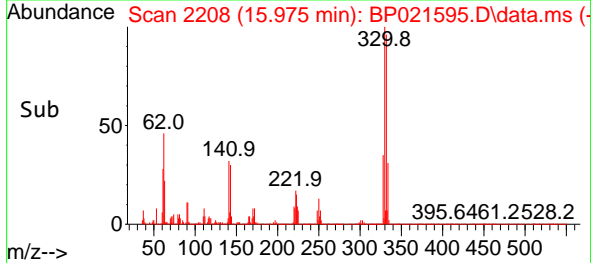
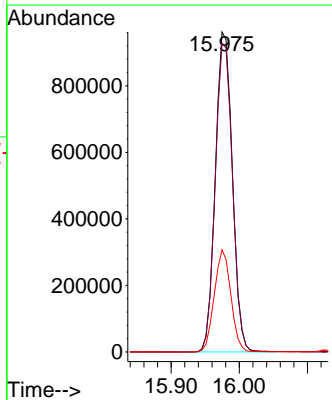
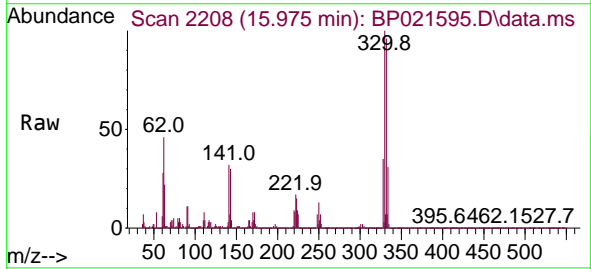
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

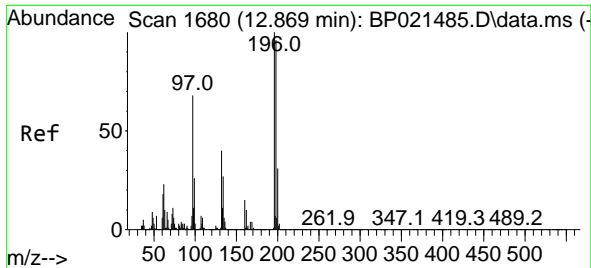


#42
 2,4,6-Tribromophenol
 Concen: 149.333 ng
 RT: 15.975 min Scan# 2208
 Delta R.T. 0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Tgt Ion: 330 Resp: 1673417

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.0
141	31.1	24.5	36.7





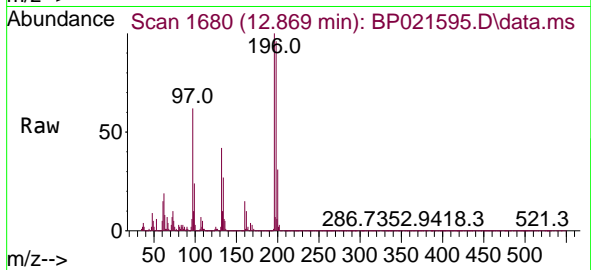
#43
 2,4,6-Trichlorophenol
 Concen: 54.919 ng
 RT: 12.869 min Scan# 1680
 Delta R.T. -0.000 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

Client Sample Id :

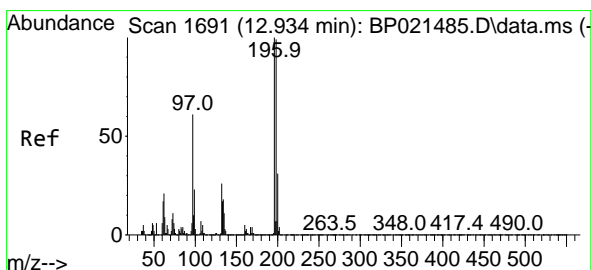
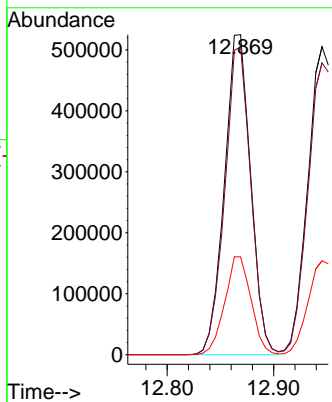
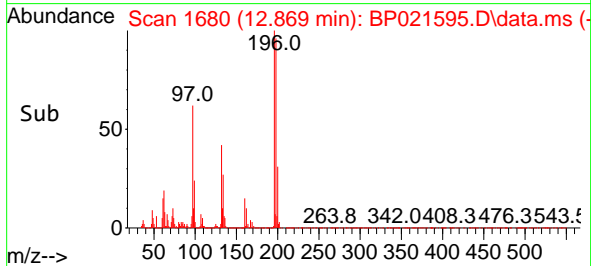
PB162788BSD



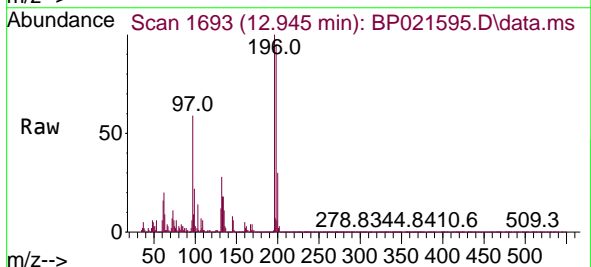
Tgt Ion:196 Resp: 89998
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.6 114.8
 200 30.5 24.5 36.7

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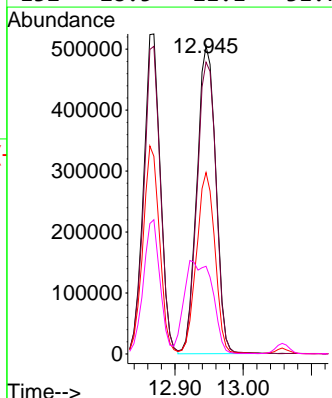
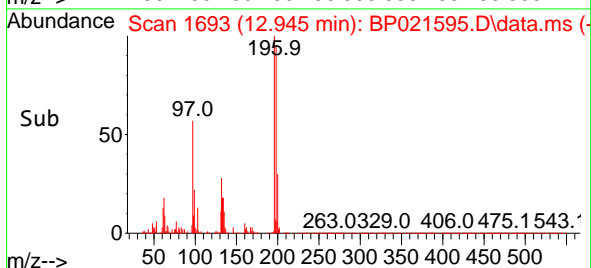
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

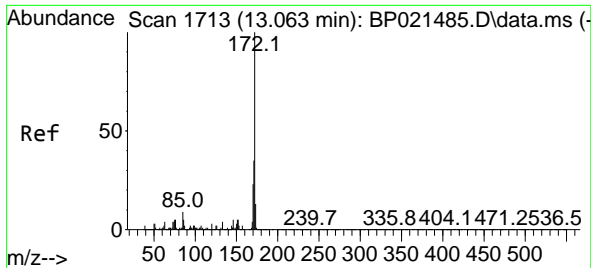


#44
 2,4,5-Trichlorophenol
 Concen: 53.428 ng
 RT: 12.945 min Scan# 1693
 Delta R.T. 0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion:196 Resp: 972767
 Ion Ratio Lower Upper
 196 100
 198 94.8 78.9 118.3
 97 58.9 49.4 74.0
 132 28.5 21.1 31.7





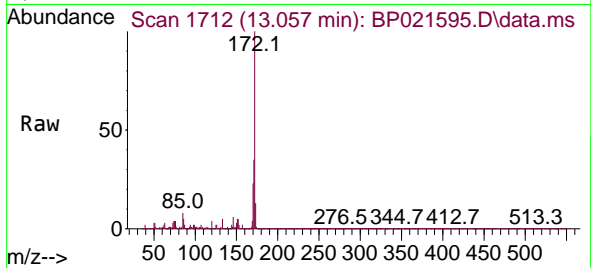
#45
 2-Fluorobiphenyl
 Concen: 77.817 ng
 RT: 13.057 min Scan# 1712
 Delta R.T. -0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

Client Sample Id :

PB162788BSD



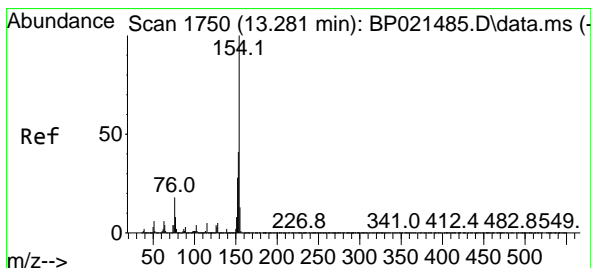
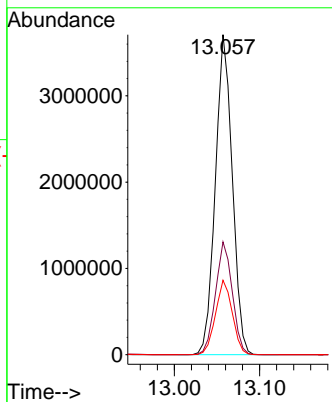
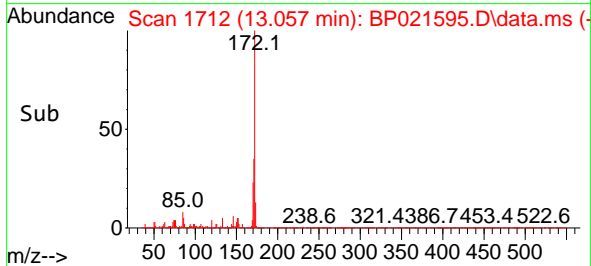
Tgt Ion:172 Resp: 513388
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.4
 170 23.2 18.4 27.6

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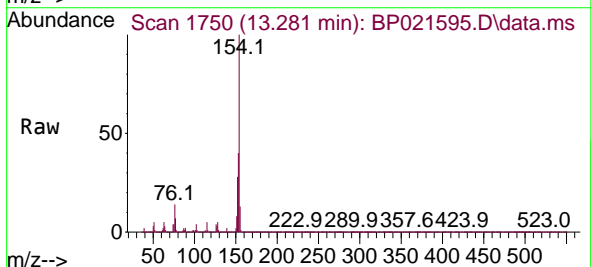
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

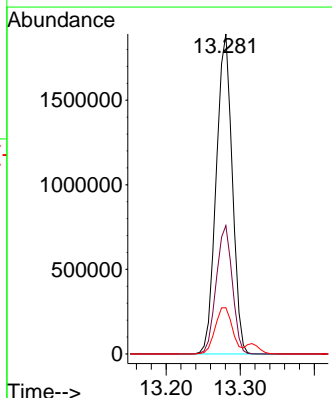
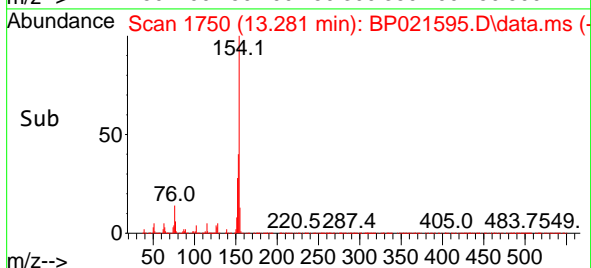
Supervised By :mohammad ahmed 08/22/2024

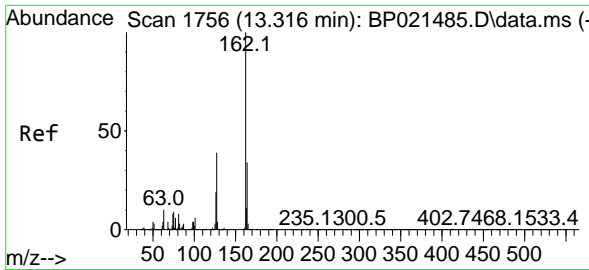


#46
 1,1'-Biphenyl
 Concen: 39.832 ng
 RT: 13.281 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



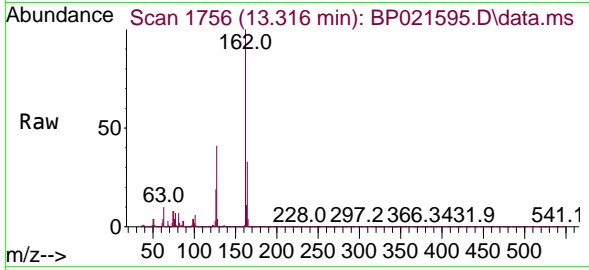
Tgt Ion:154 Resp: 2837499
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.7 60.7
 76 14.5 0.0 37.7





#47
 2-Chloronaphthalene
 Concen: 42.367 ng
 RT: 13.316 min Scan# 1756
 Delta R.T. -0.000 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

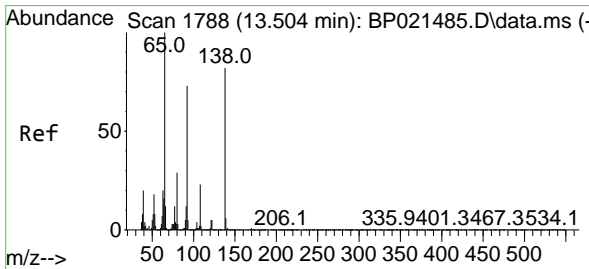
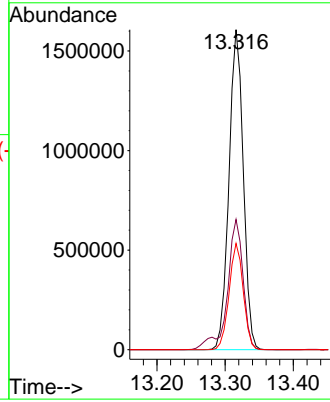
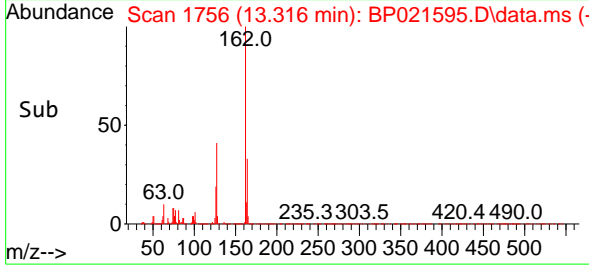
Instrument : BNA_P
 Client Sample Id : PB162788BSD



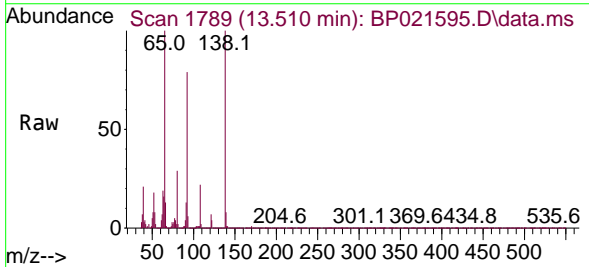
Tgt Ion: 162 Resp: 234970
 Ion Ratio Lower Upper
 162 100
 127 40.7 31.9 47.9
 164 33.2 26.8 40.2

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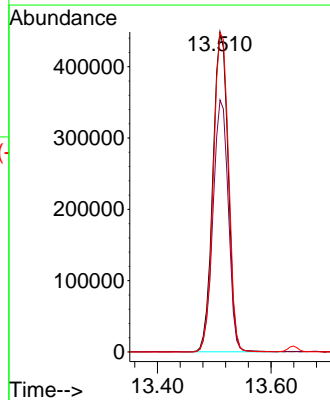
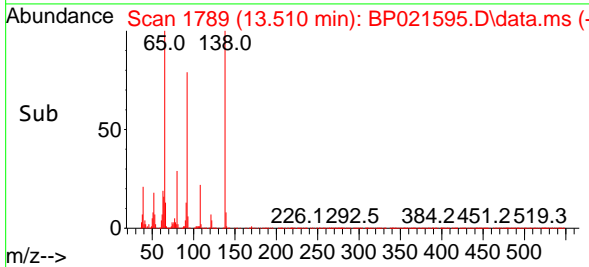
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

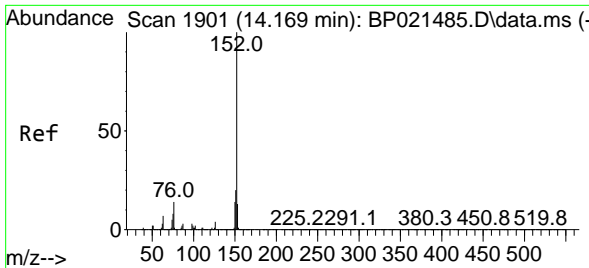


#48
 2-Nitroaniline
 Concen: 53.124 ng
 RT: 13.510 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



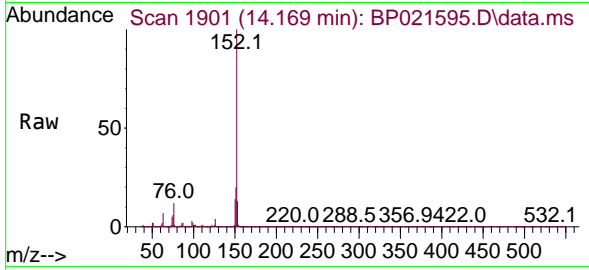
Tgt Ion: 65 Resp: 835325
 Ion Ratio Lower Upper
 65 100
 92 78.7 58.1 87.1
 138 99.9 65.5 98.3#





#49
 Acenaphthylene
 Concen: 47.725 ng
 RT: 14.169 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

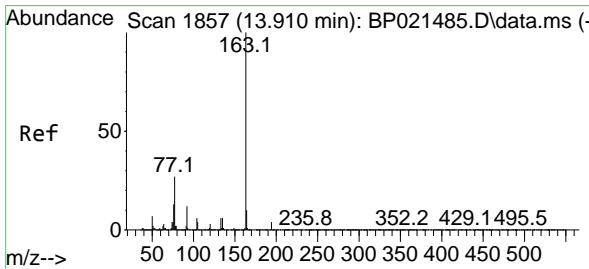
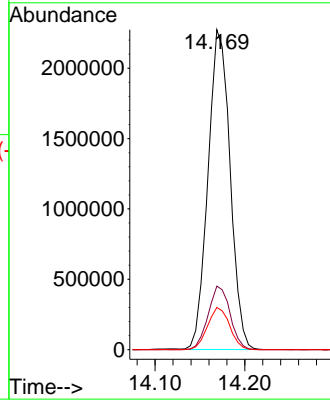
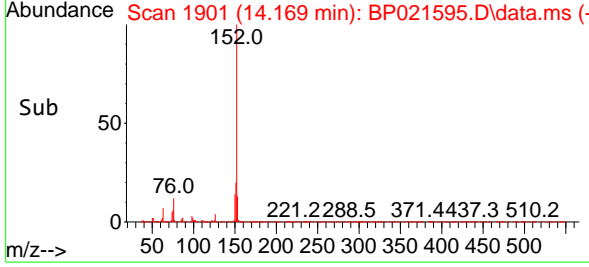
Instrument :
 BNA_P
 Client Sample Id :
 PB162788BSD



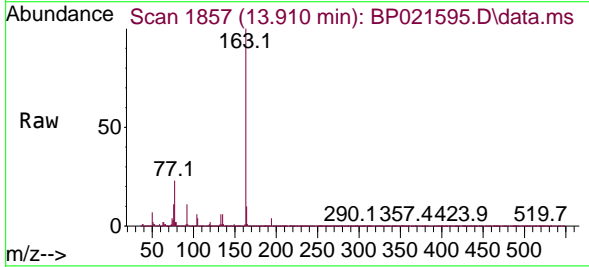
Tgt Ion:152 Resp: 3890940
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.9 23.9
 153 13.2 10.6 16.0

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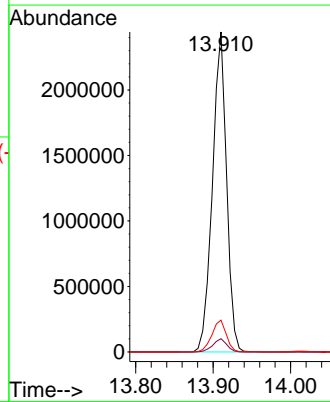
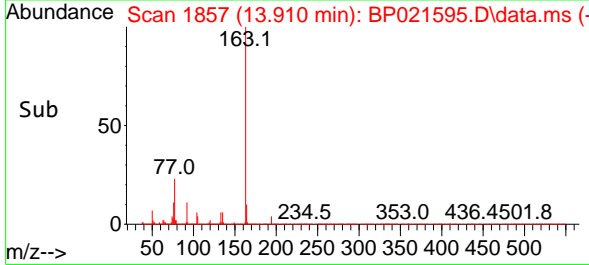
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

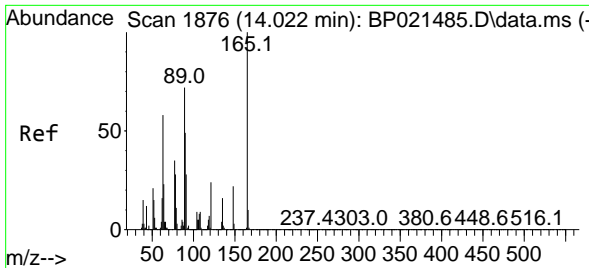


#50
 Dimethylphthalate
 Concen: 45.810 ng
 RT: 13.910 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



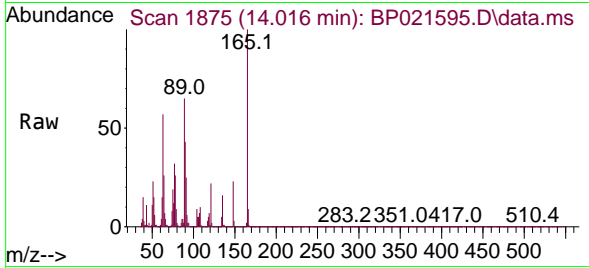
Tgt Ion:163 Resp: 3088858
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.3 4.9
 164 10.0 8.3 12.5





#51
 2,6-Dinitrotoluene
 Concen: 50.083 ng
 RT: 14.016 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument : BNA_P
 Client Sample Id : PB162788BSD

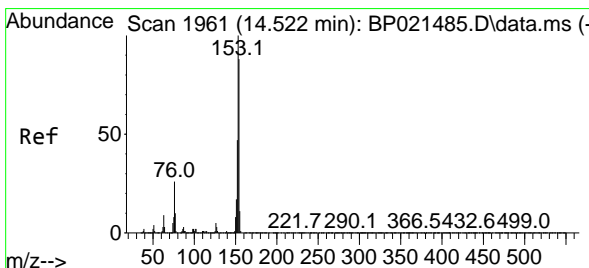
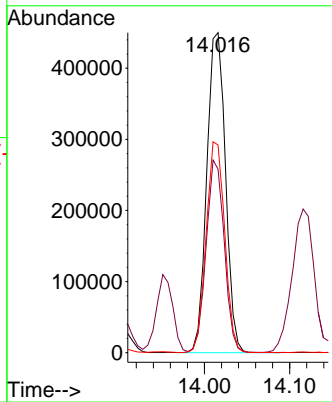
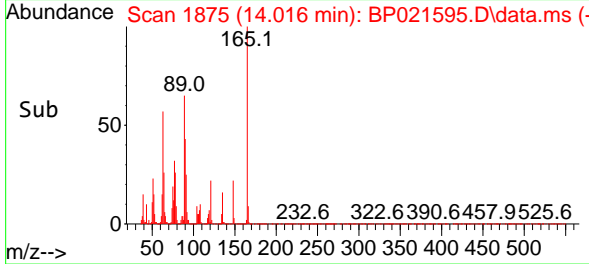


Tgt Ion: 165 Resp: 68386

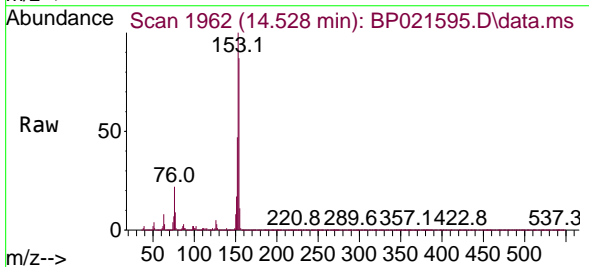
Ion	Ratio	Lower	Upper
165	100		
63	57.3	51.5	77.3
89	64.9	57.8	86.8

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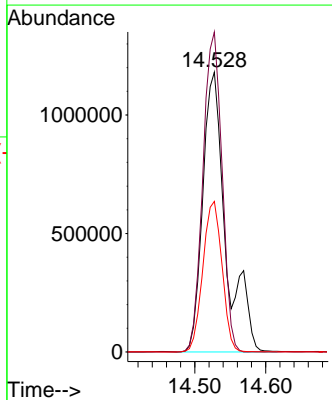
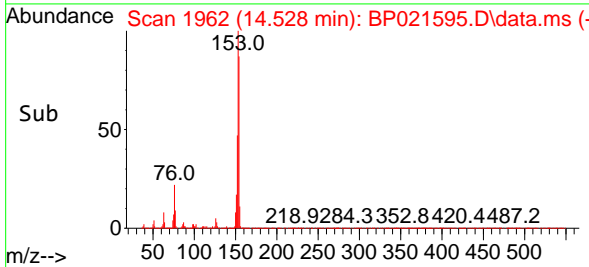


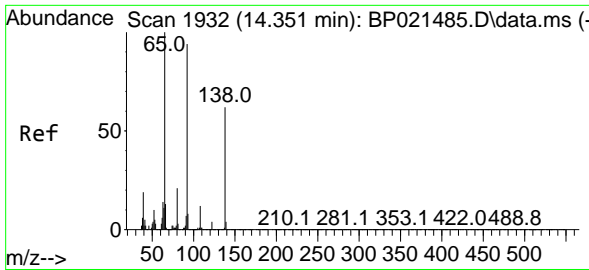
#52
 Acenaphthene
 Concen: 50.099 ng m
 RT: 14.528 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion: 154 Resp: 2679983

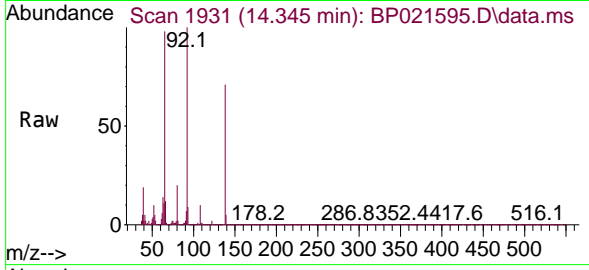
Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.1	136.7
152	53.8	43.0	64.4





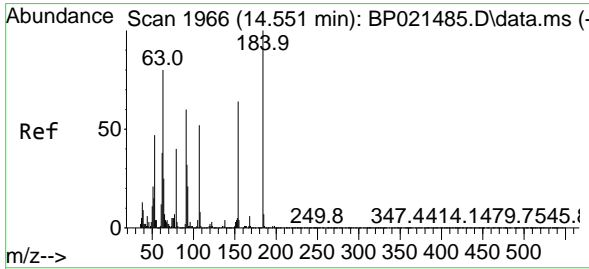
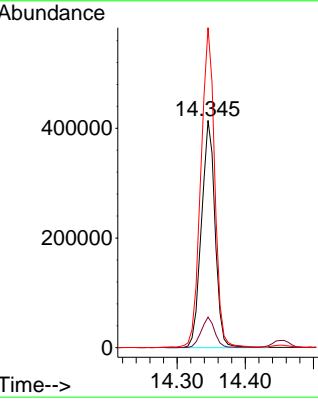
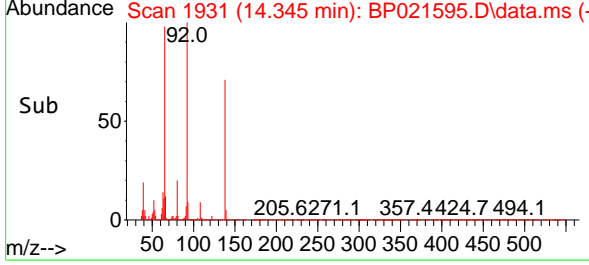
#53
 3-Nitroaniline
 Concen: 43.381 ng
 RT: 14.345 min Scan# 1931
 Delta R.T. -0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument : BNA_P
 Client Sample Id : PB162788BSD

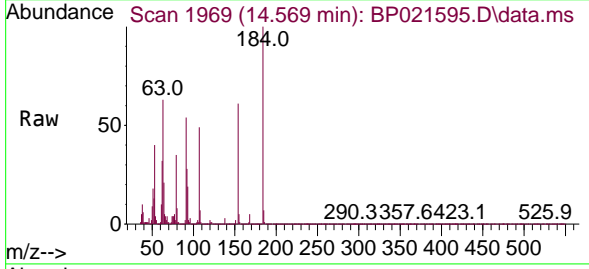


Tgt Ion: 138 Resp: 57457
 Ion Ratio Lower Upper
 138 100
 108 13.5 16.2 24.4
 92 140.8 122.2 183.4

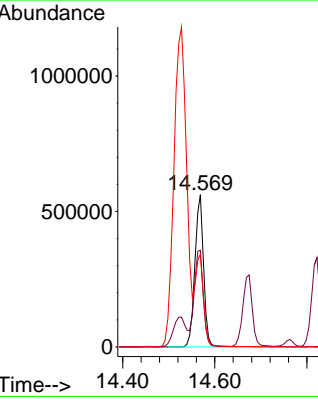
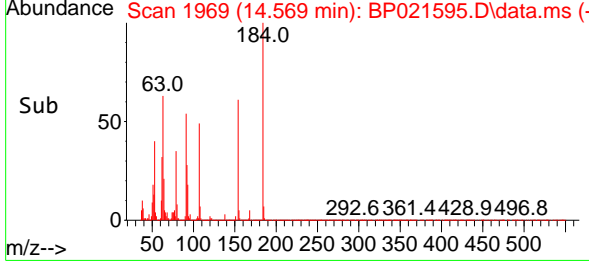
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 Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

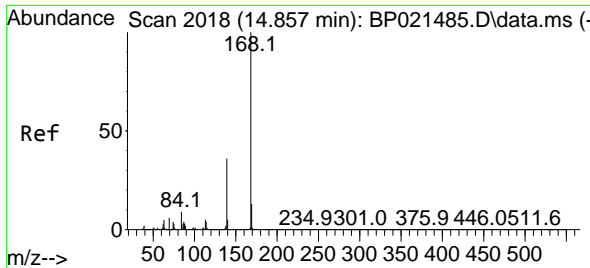


#54
 2,4-Dinitrophenol
 Concen: 122.690 ng
 RT: 14.569 min Scan# 1969
 Delta R.T. 0.018 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



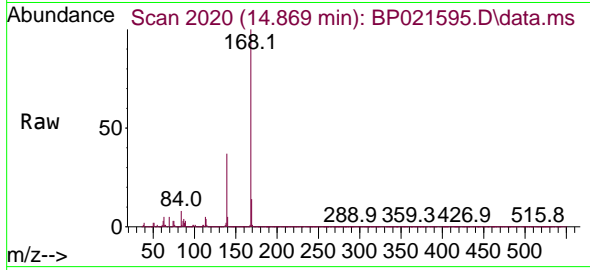
Tgt Ion: 184 Resp: 747280
 Ion Ratio Lower Upper
 184 100
 63 63.4 64.9 97.3
 154 61.1 52.1 78.1





#55
 Dibenzofuran
 Concen: 44.735 ng
 RT: 14.869 min Scan# 2018
 Delta R.T. 0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

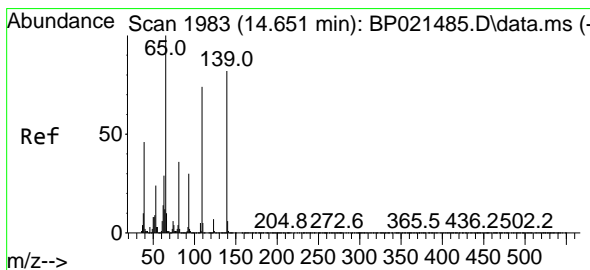
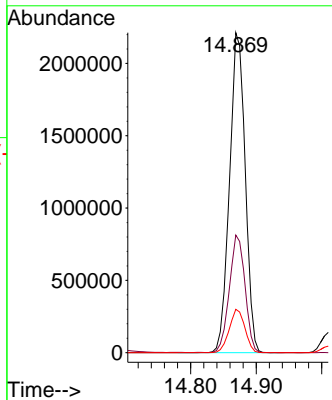
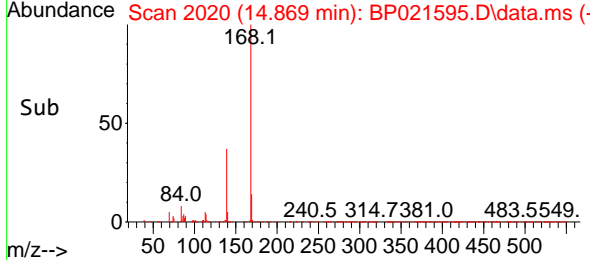
Instrument : BNA_P
 Client Sample Id : PB162788BSD



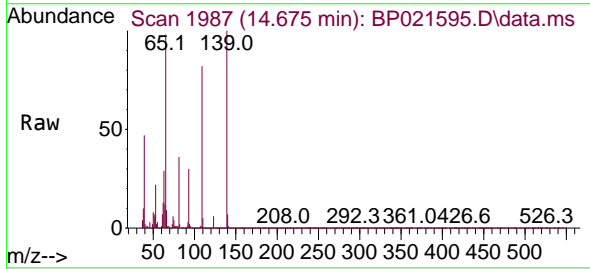
Tgt Ion:168 Resp: 368126
 Ion Ratio Lower Upper
 168 100
 139 36.7 28.6 43.0
 169 13.6 10.6 16.0

Manual Integrations
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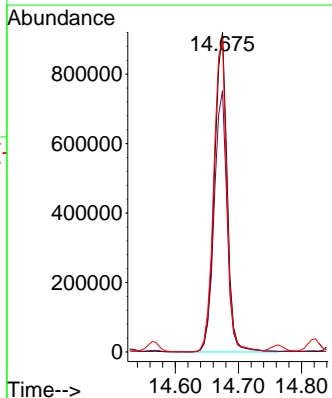
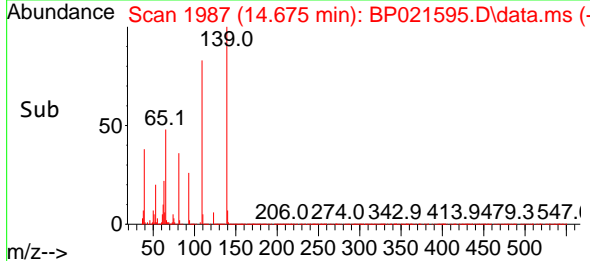
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

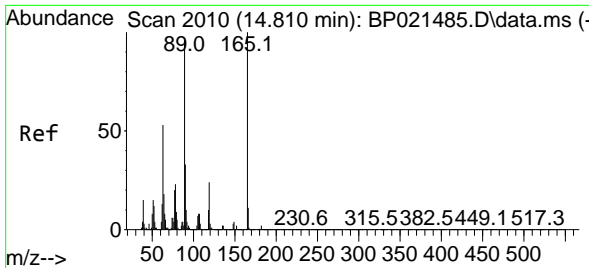


#56
 4-Nitrophenol
 Concen: 113.046 ng
 RT: 14.675 min Scan# 1987
 Delta R.T. 0.024 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



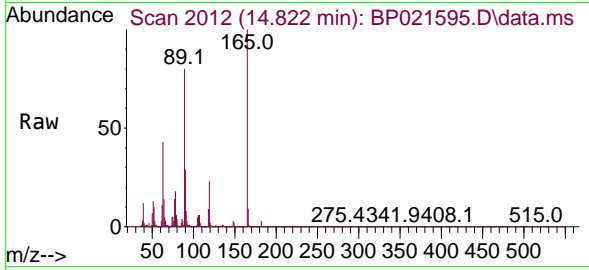
Tgt Ion:139 Resp: 1289235
 Ion Ratio Lower Upper
 139 100
 109 81.7 70.2 110.2
 65 97.5 101.8 141.8#





#57
 2,4-Dinitrotoluene
 Concen: 56.086 ng
 RT: 14.822 min Scan# 2012
 Delta R.T. 0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument : BNA_P
 Client Sample Id : PB162788BSD

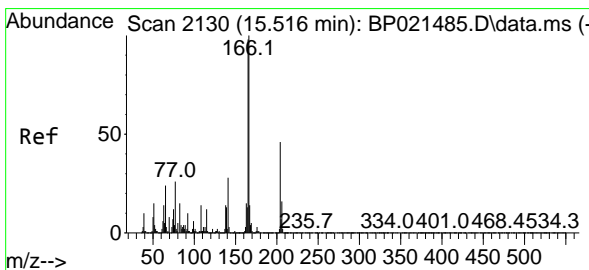
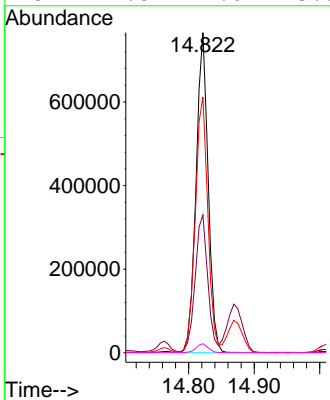
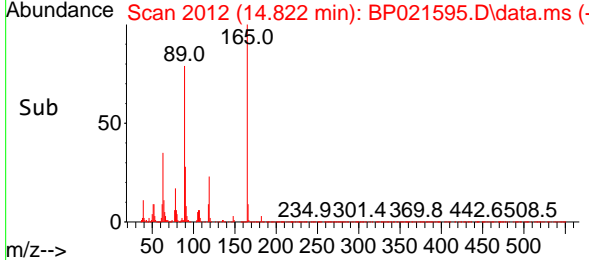


Tgt Ion: 165 Resp: 986728

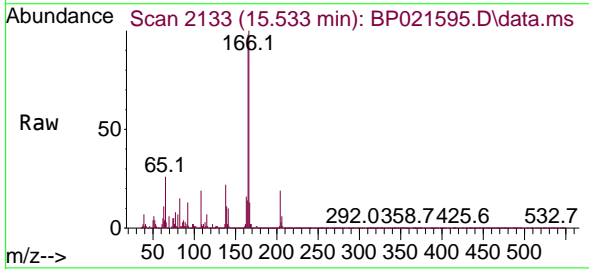
Ion	Ratio	Lower	Upper
165	100		
63	43.1	42.5	63.7
89	79.9	77.1	115.7
182	2.8	2.0	3.0

Manual Integrations
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Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

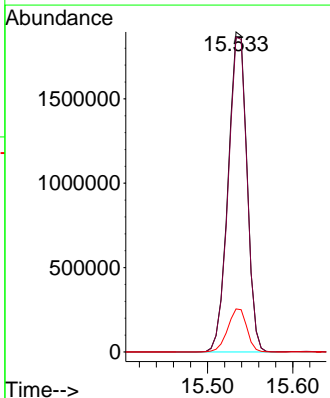
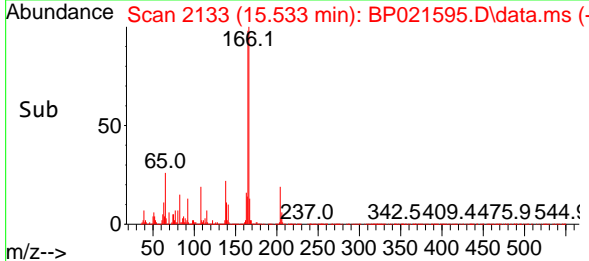


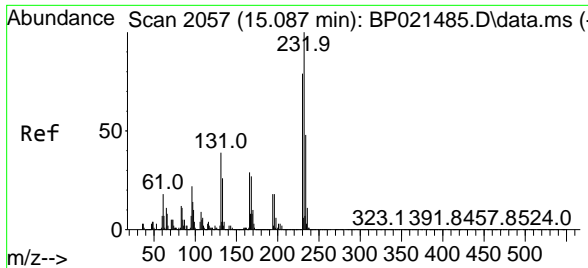
#58
 Fluorene
 Concen: 42.892 ng
 RT: 15.533 min Scan# 2133
 Delta R.T. 0.017 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion: 166 Resp: 2899678

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.1	117.1
167	13.4	11.0	16.4





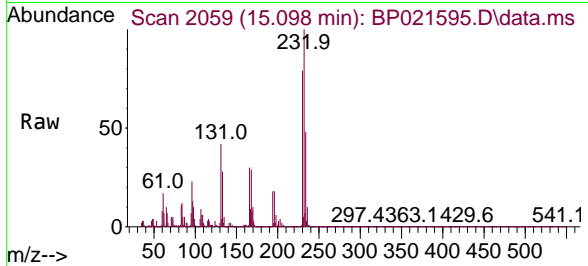
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.815 ng
 RT: 15.098 min Scan# 2059
 Delta R.T. 0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

Client Sample Id :

PB162788BSD



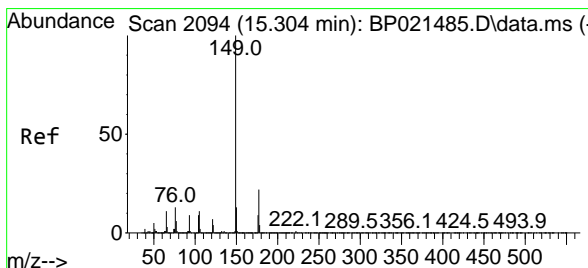
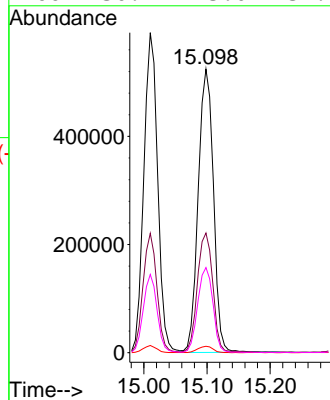
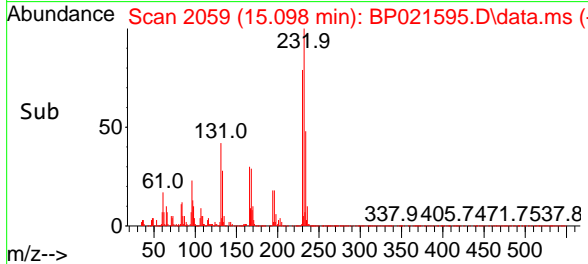
Tgt Ion: 232 Resp: 878009
 Ion Ratio Lower Upper
 232 100
 131 42.6 33.1 49.7
 130 2.3 1.7 2.5
 166 30.1 23.0 34.4

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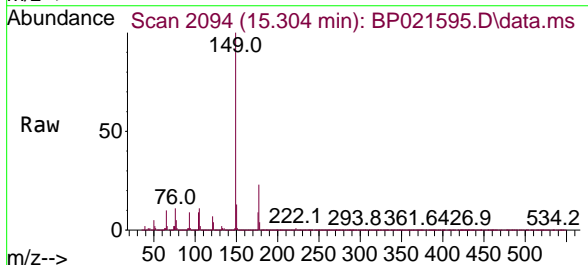
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

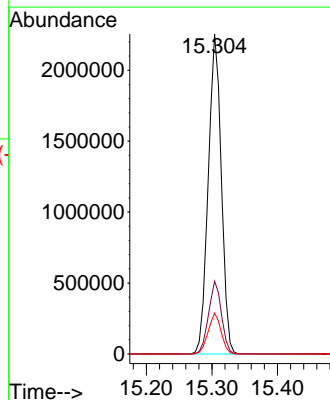
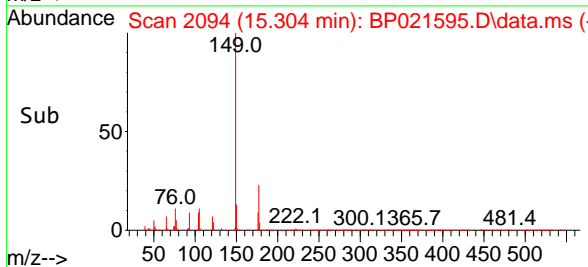
Supervised By :mohammad ahmed 08/22/2024

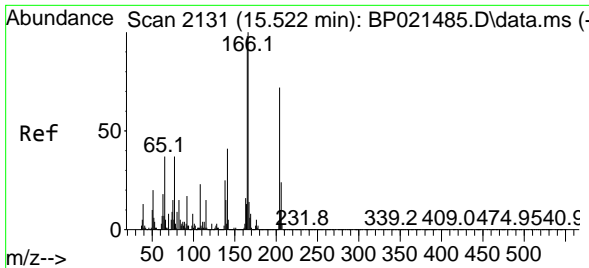


#60
 Diethylphthalate
 Concen: 45.186 ng
 RT: 15.304 min Scan# 2094
 Delta R.T. -0.000 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



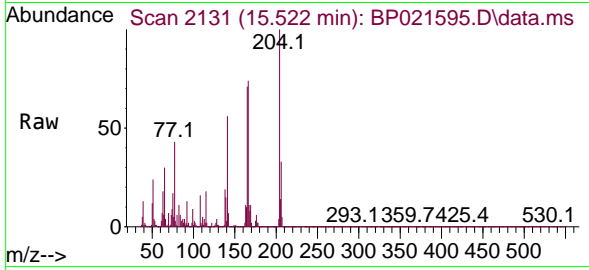
Tgt Ion: 149 Resp: 3126196
 Ion Ratio Lower Upper
 149 100
 177 22.8 17.8 26.8
 150 12.8 10.1 15.1





#61
 4-Chlorophenyl-phenylether
 Concen: 42.541 ng
 RT: 15.522 min Scan# 2131
 Delta R.T. -0.000 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

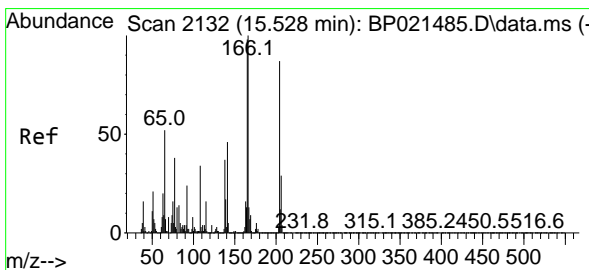
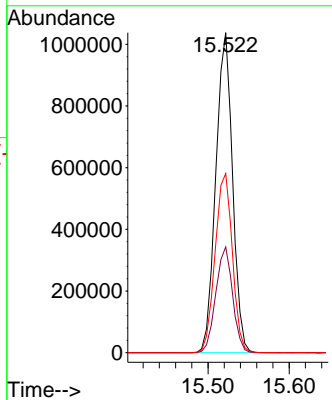
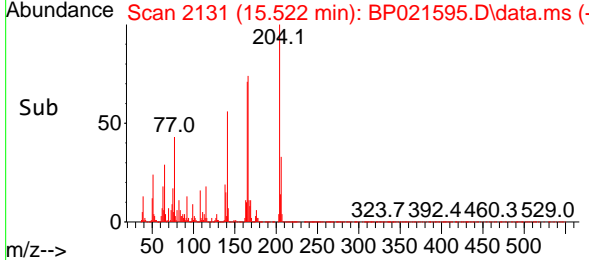
Instrument :
 BNA_P
 ClientSampleId :
 PB162788BSD



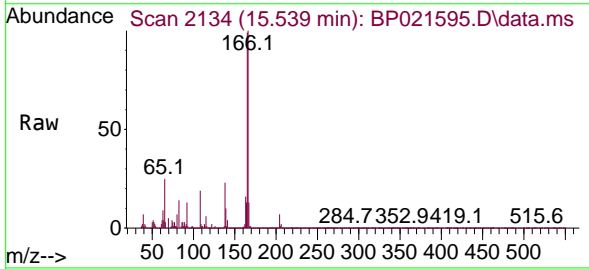
Tgt Ion:204 Resp: 1486590
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.4 39.6
 141 56.0 46.1 69.1

Manual Integrations
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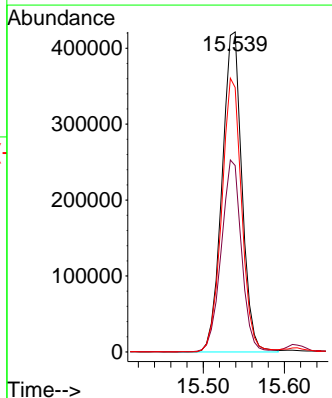
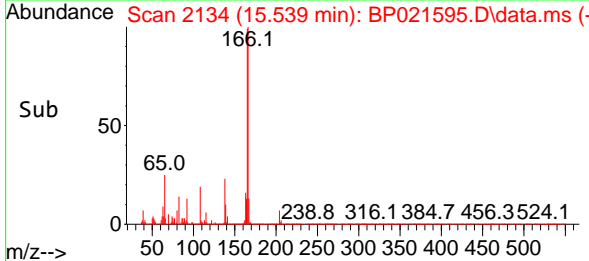
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

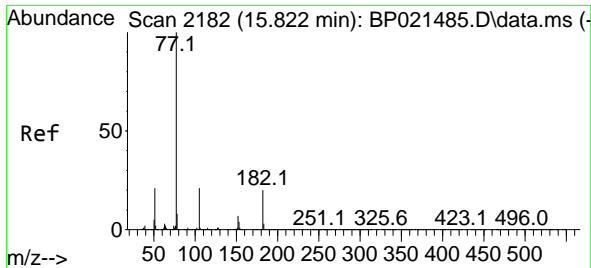


#62
 4-Nitroaniline
 Concen: 51.968 ng
 RT: 15.539 min Scan# 2134
 Delta R.T. 0.011 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



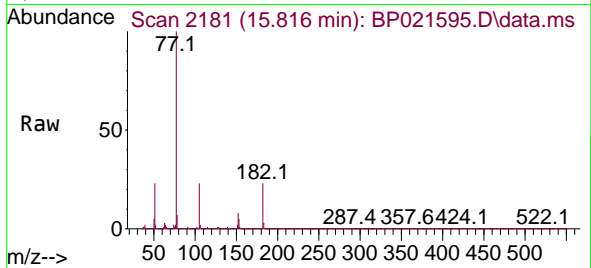
Tgt Ion:138 Resp: 717929
 Ion Ratio Lower Upper
 138 100
 92 58.3 46.4 86.4
 108 82.6 73.2 113.2





#63
 Azobenzene
 Concen: 39.717 ng
 RT: 15.816 min Scan# 2181
 Delta R.T. -0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :
 BNA_P
 Client Sample Id :
 PB162788BSD

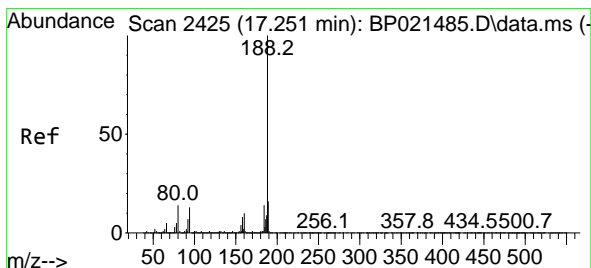
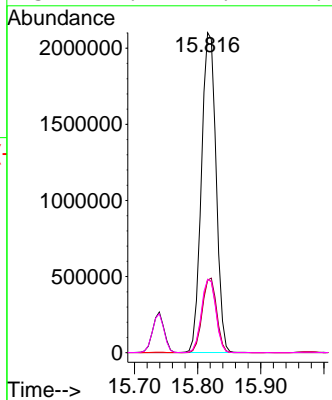
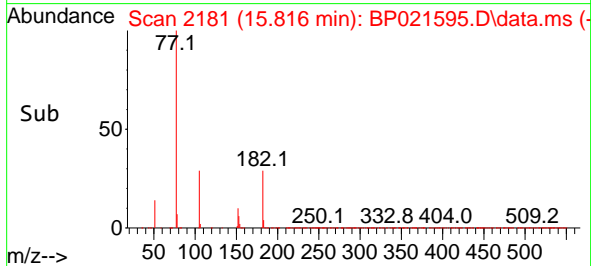


Tgt Ion: 77 Resp: 337766

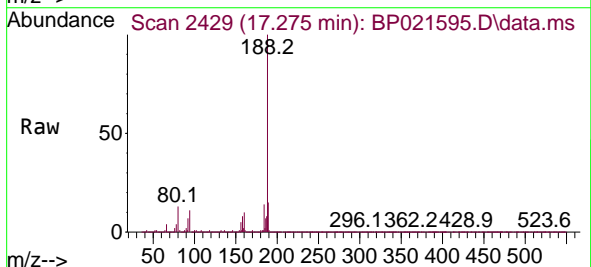
Ion	Ratio	Lower	Upper
77	100		
182	22.7	0.0	39.9
105	22.9	0.9	40.9
51	22.9	1.4	41.4

Manual Integrations
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Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

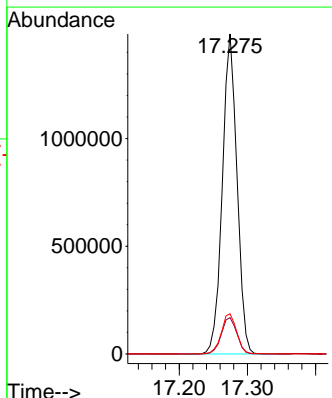
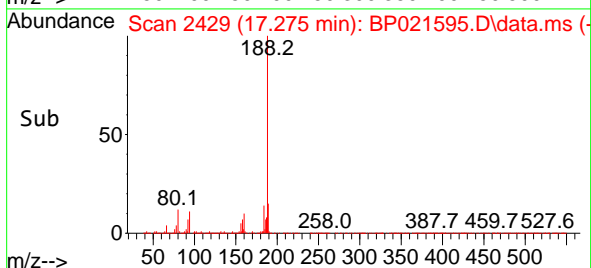


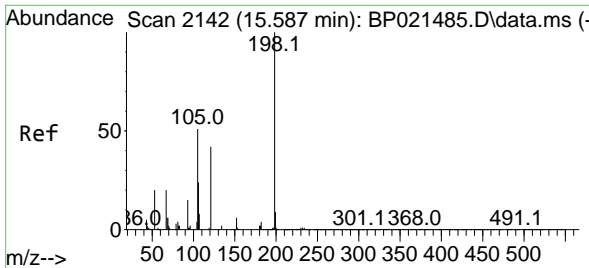
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.275 min Scan# 2429
 Delta R.T. 0.023 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion:188 Resp: 2217857

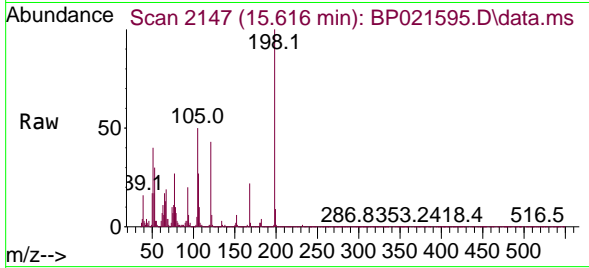
Ion	Ratio	Lower	Upper
188	100		
94	11.3	10.2	15.4
80	12.5	11.6	17.4





#65
 4,6-Dinitro-2-methylphenol
 Concen: 68.253 ng
 RT: 15.616 min Scan# 2147
 Delta R.T. 0.029 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument : BNA_P
 ClientSampleId : PB162788BSD

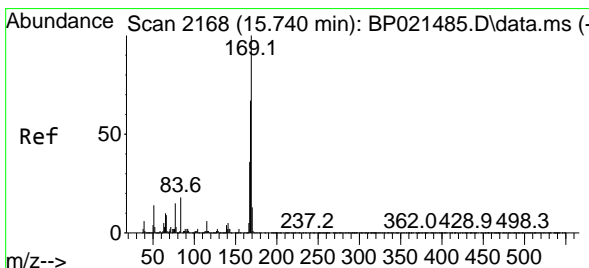
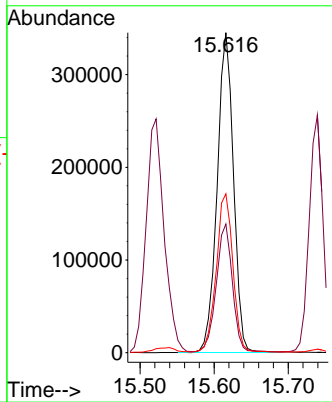
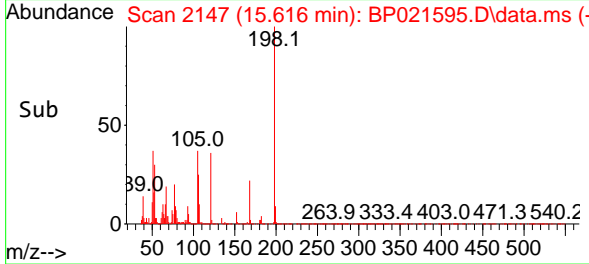


Tgt Ion:198 Resp: 528178

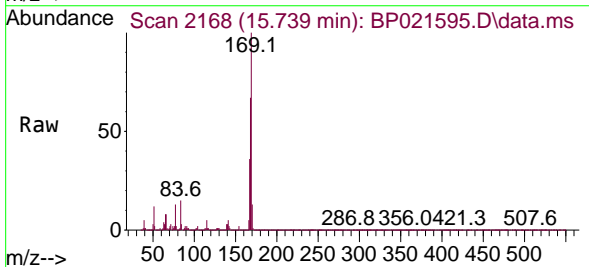
Ion	Ratio	Lower	Upper
198	100		
51	40.2	21.5	61.5
105	49.7	32.9	72.9

Manual Integrations
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Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

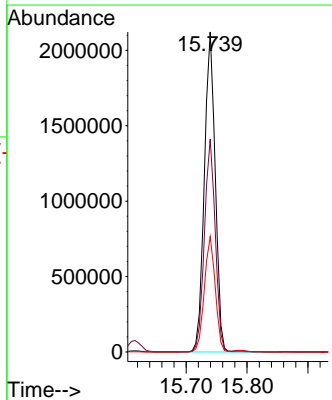
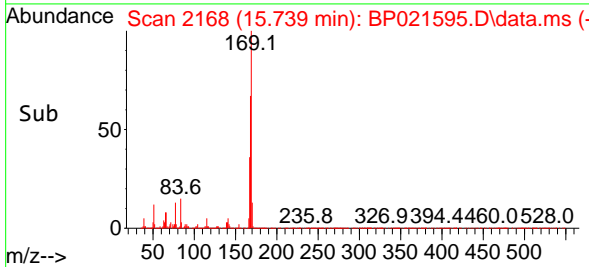


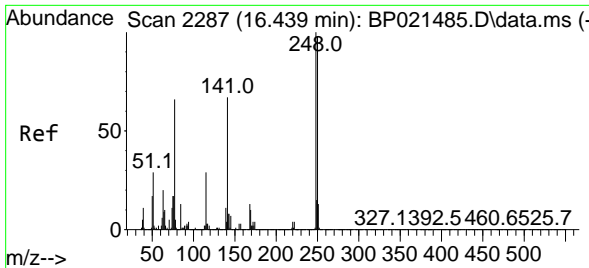
#66
 n-Nitrosodiphenylamine
 Concen: 44.351 ng
 RT: 15.739 min Scan# 2168
 Delta R.T. -0.000 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion:169 Resp: 2636014

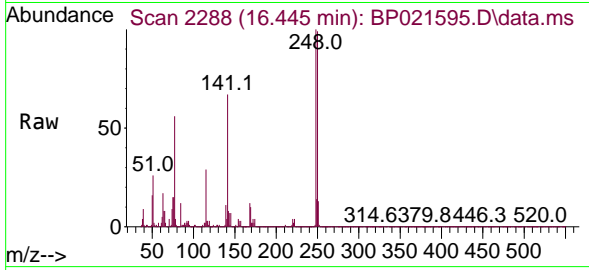
Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.4	80.2
167	36.1	28.7	43.1





#67
 4-Bromophenyl-phenylether
 Concen: 42.530 ng
 RT: 16.445 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

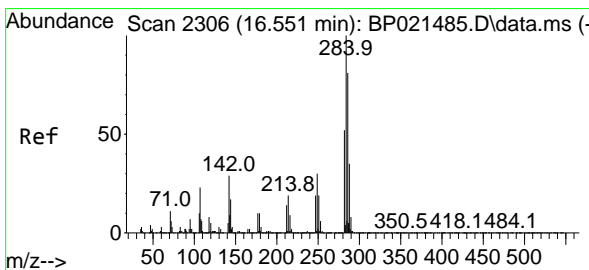
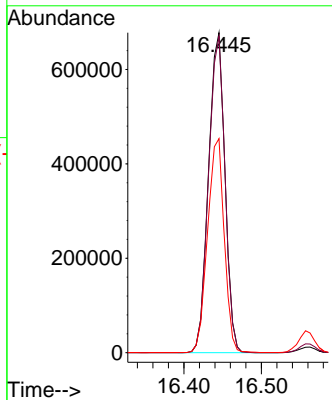
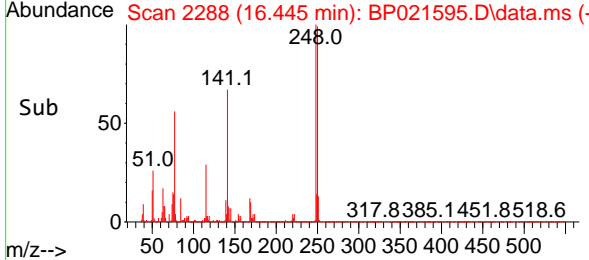
Instrument :
 BNA_P
 ClientSampleId :
 PB162788BSD



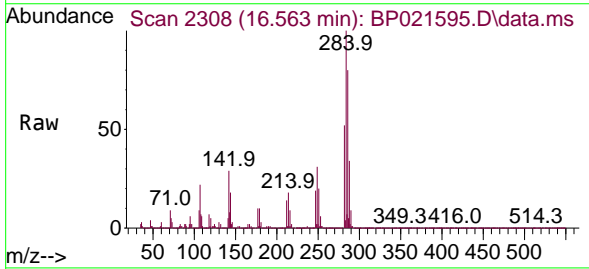
Tgt Ion:248 Resp: 998300
 Ion Ratio Lower Upper
 248 100
 250 98.9 78.6 117.8
 141 66.9 53.9 80.9

Manual Integrations
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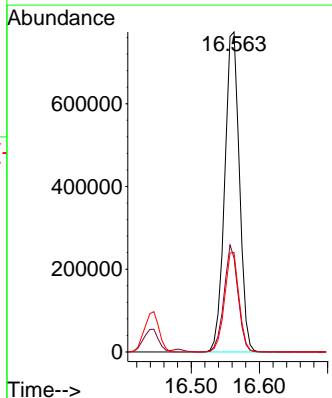
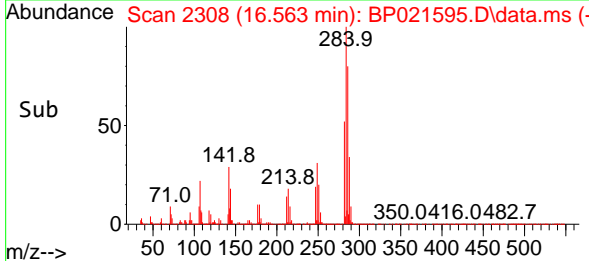
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

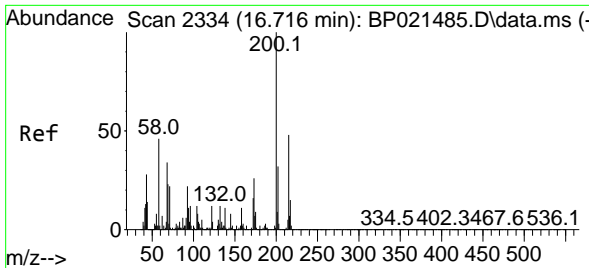


#68
 Hexachlorobenzene
 Concen: 41.768 ng
 RT: 16.563 min Scan# 2308
 Delta R.T. 0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion:284 Resp: 1158608
 Ion Ratio Lower Upper
 284 100
 142 29.4 23.4 35.2
 249 31.1 24.1 36.1





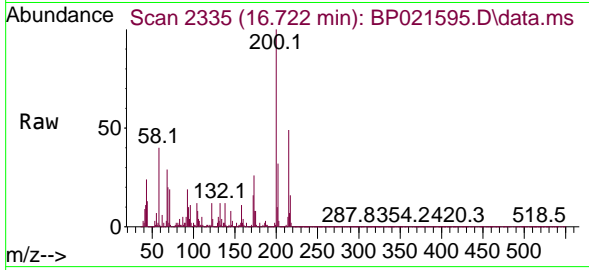
#69
 Atrazine
 Concen: 40.847 ng
 RT: 16.722 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

ClientSampleId :

PB162788BSD



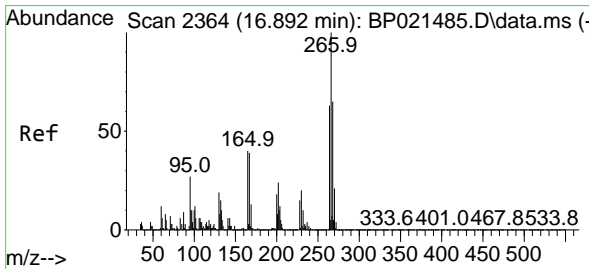
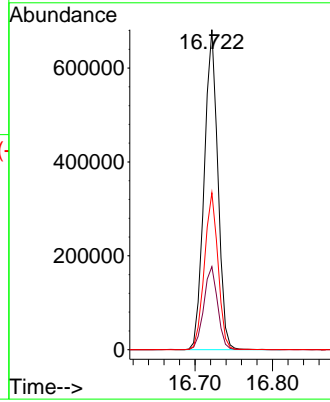
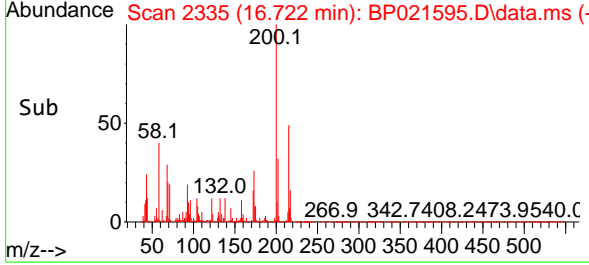
Tgt Ion:200 Resp: 83353
 Ion Ratio Lower Upper
 200 100
 173 26.0 6.2 46.2
 215 49.1 28.4 68.4

Manual Integrations

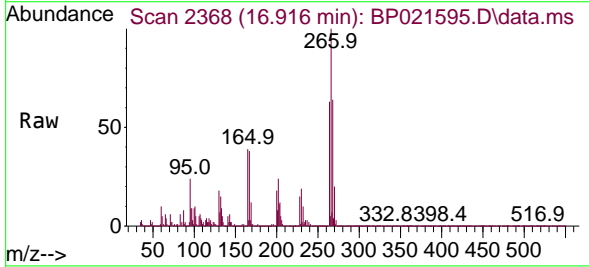
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Reviewed By :Yogesh Patel 08/22/2024

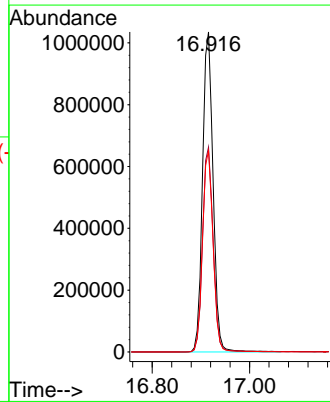
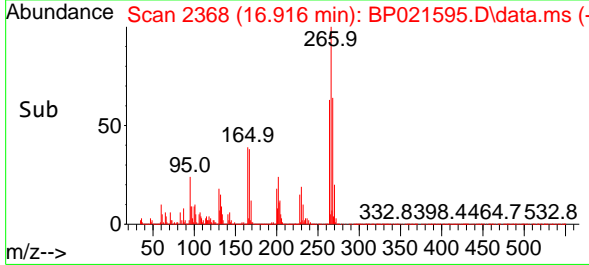
Supervised By :mohammad ahmed 08/22/2024

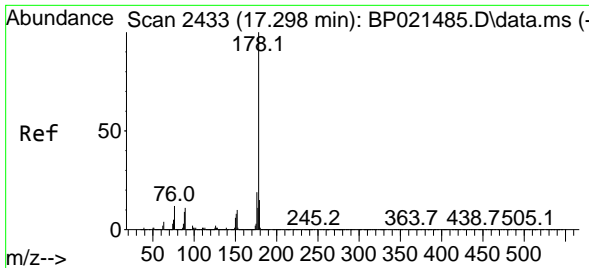


#70
 Pentachlorophenol
 Concen: 102.579 ng
 RT: 16.916 min Scan# 2368
 Delta R.T. 0.024 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion:266 Resp: 1553061
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.8 77.6
 264 62.9 50.5 75.7





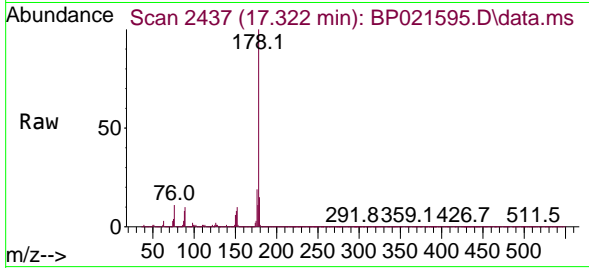
#71
 Phenanthrene
 Concen: 44.751 ng
 RT: 17.322 min Scan# 2437
 Delta R.T. 0.023 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

Client Sample Id :

PB162788BSD



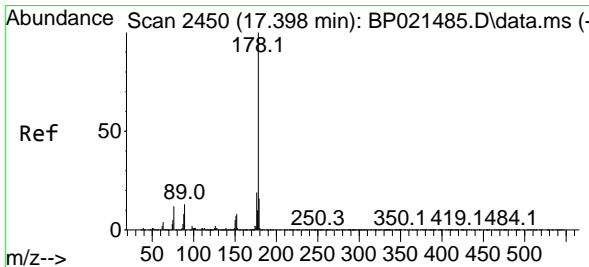
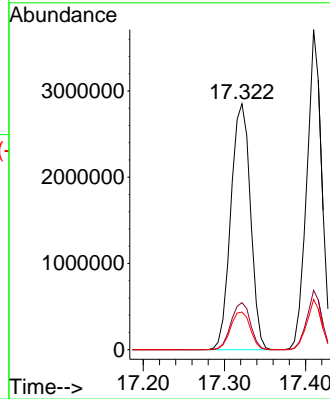
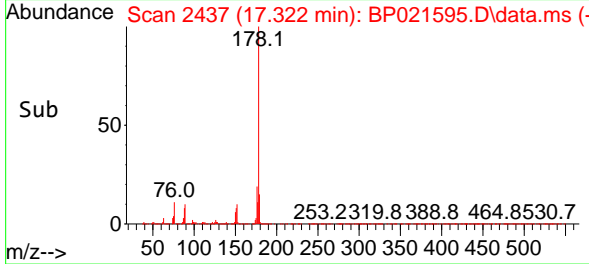
Tgt Ion:178 Resp: 477320
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.3 12.4 18.6

Manual Integrations

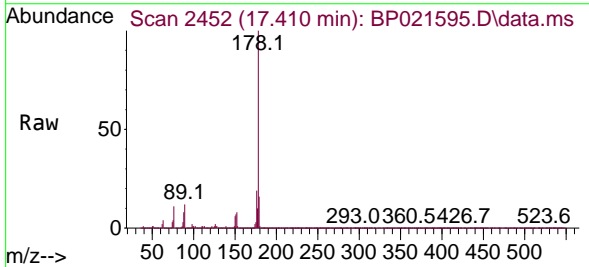
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Reviewed By :Yogesh Patel 08/22/2024

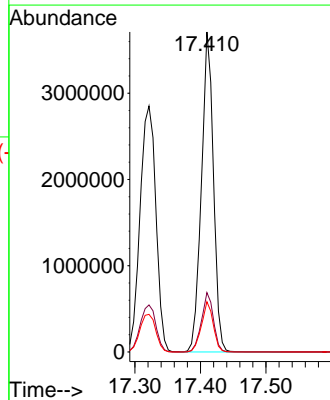
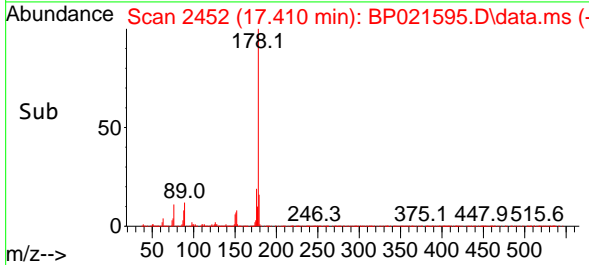
Supervised By :mohammad ahmed 08/22/2024

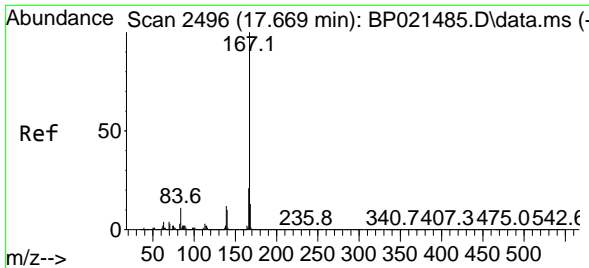


#72
 Anthracene
 Concen: 45.294 ng
 RT: 17.410 min Scan# 2452
 Delta R.T. 0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



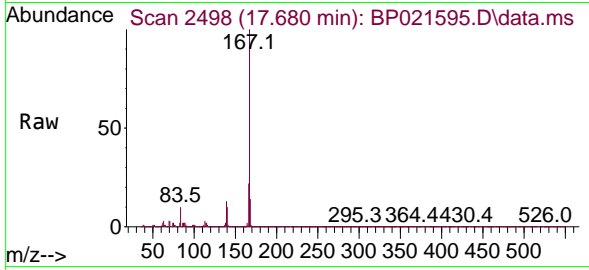
Tgt Ion:178 Resp: 4737961
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.9 22.3
 179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 46.496 ng
 RT: 17.680 min Scan# 2498
 Delta R.T. 0.012 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

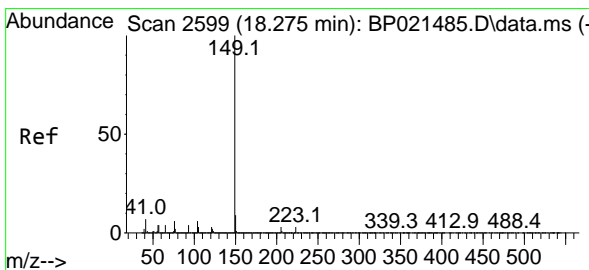
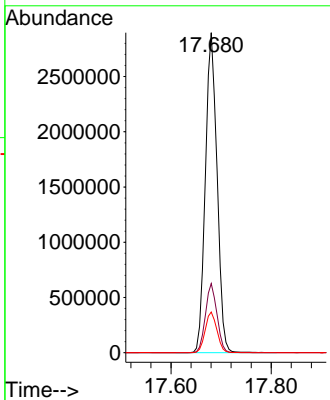
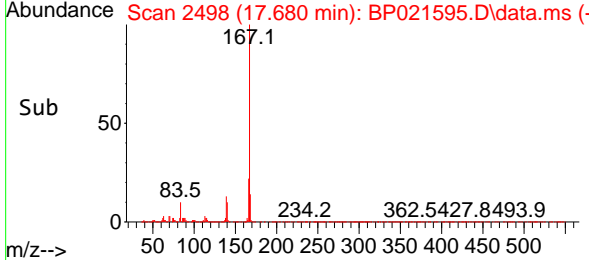
Instrument : BNA_P
 Client Sample Id : PB162788BSD



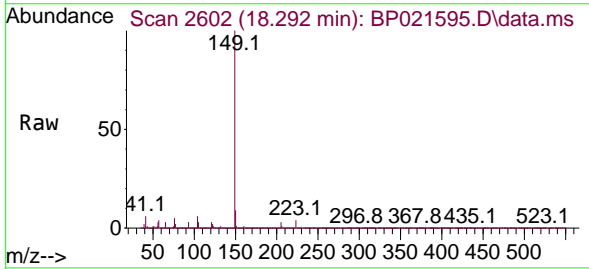
Tgt Ion:167 Resp: 468731
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.4
 139 12.7 9.9 14.9

Manual Integrations
APPROVED

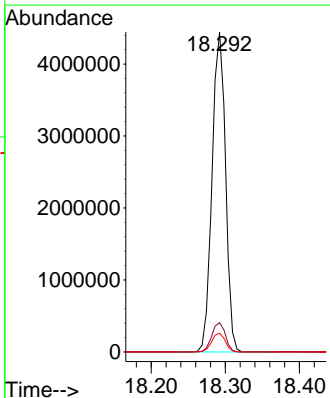
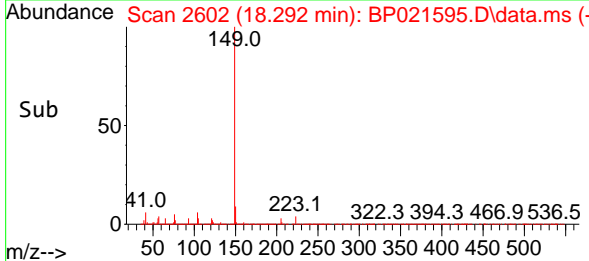
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

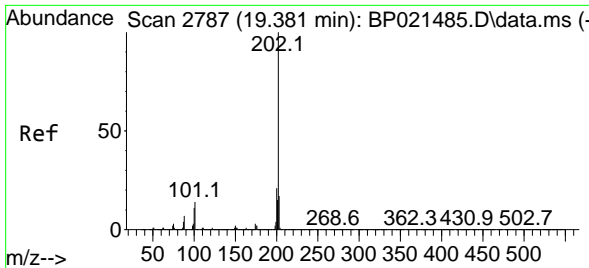


#74
 Di-n-butylphthalate
 Concen: 45.247 ng
 RT: 18.292 min Scan# 2602
 Delta R.T. 0.017 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



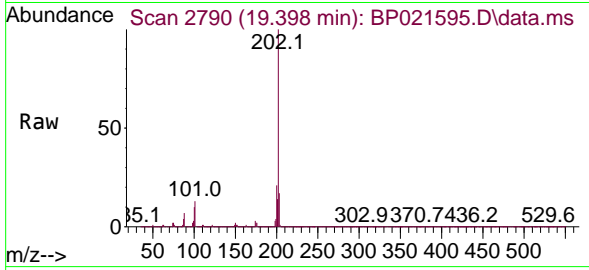
Tgt Ion:149 Resp: 5601905
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.8 4.9 7.3





#75
 Fluoranthene
 Concen: 44.695 ng
 RT: 19.398 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

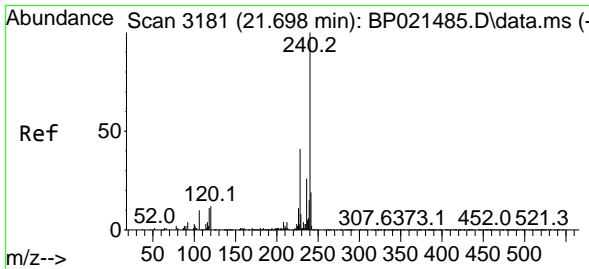
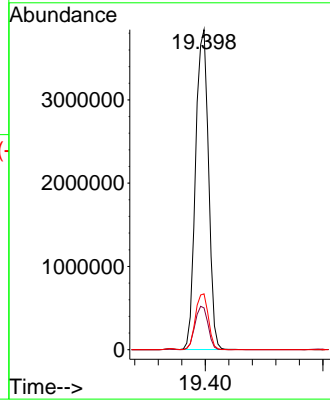
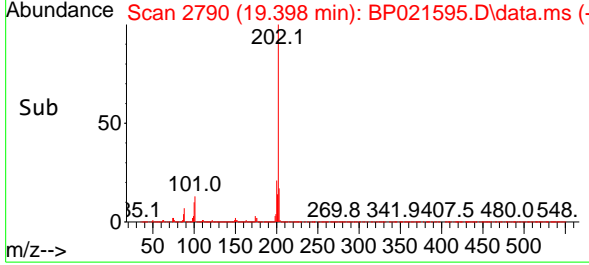
Instrument :
 BNA_P
 ClientSampleId :
 PB162788BSD



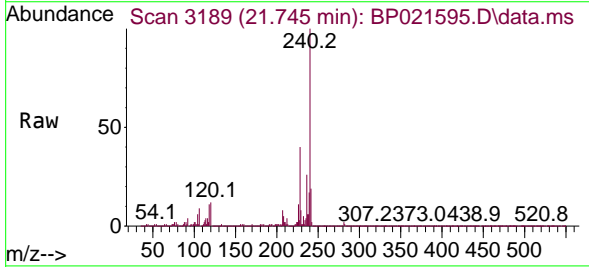
Tgt Ion: 202 Resp: 584934
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 34.0
 203 17.5 0.0 37.5

Manual Integrations
 APPROVED

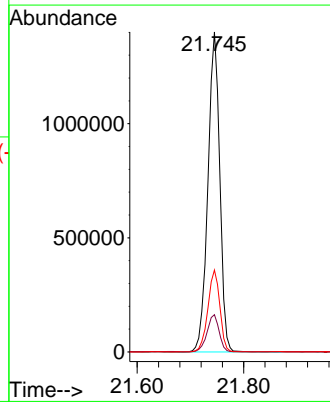
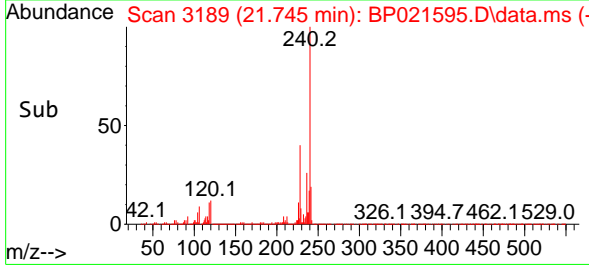
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

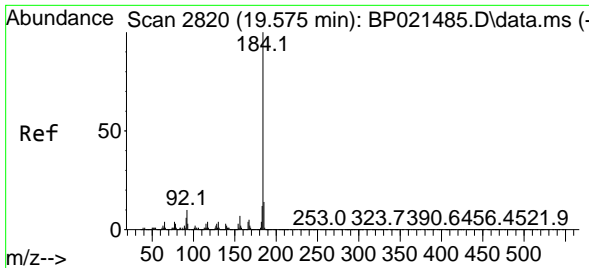


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.745 min Scan# 3189
 Delta R.T. 0.047 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



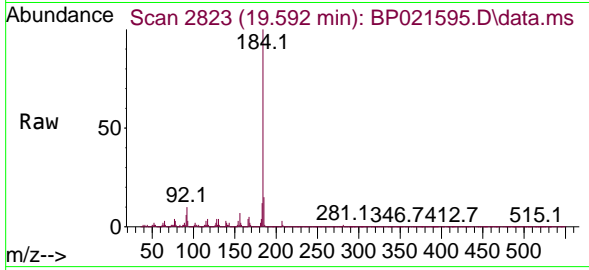
Tgt Ion: 240 Resp: 2163191
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.9 14.9
 236 25.6 20.6 30.8





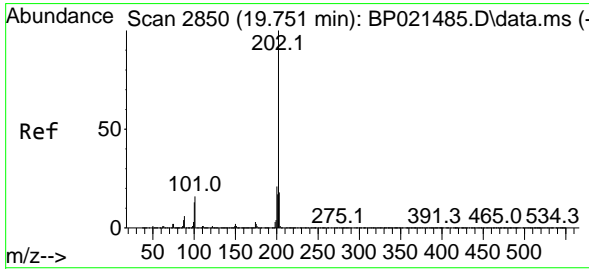
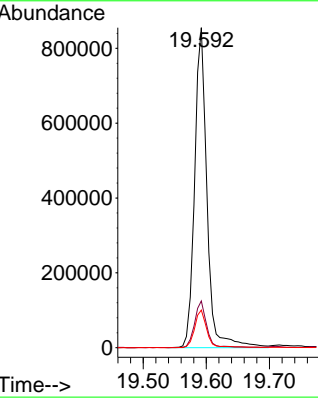
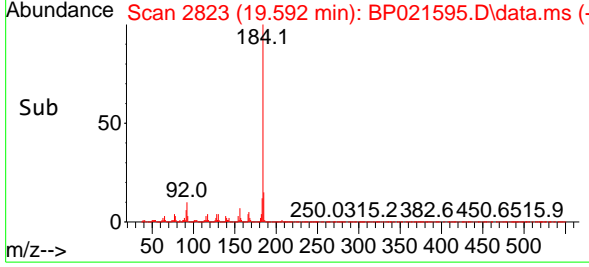
#77
 Benzidine
 Concen: 23.572 ng
 RT: 19.592 min Scan# 2823
 Delta R.T. 0.017 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument : BNA_P
 Client Sample Id : PB162788BSD

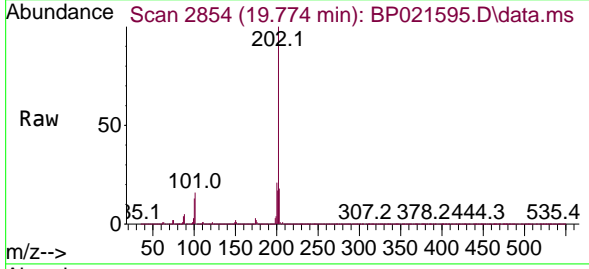


Tgt Ion: 184 Resp: 116368
 Ion Ratio Lower Upper
 184 100
 185 14.6 11.4 17.0
 183 11.7 9.3 13.9

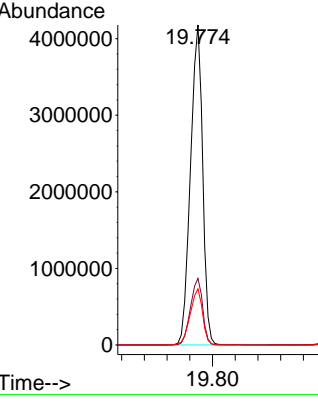
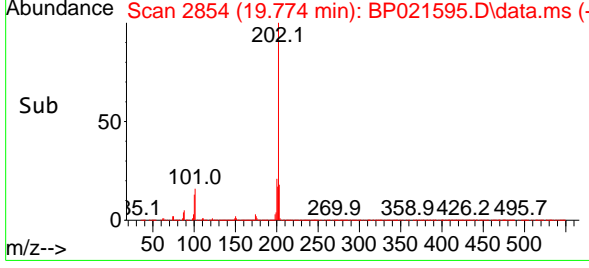
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

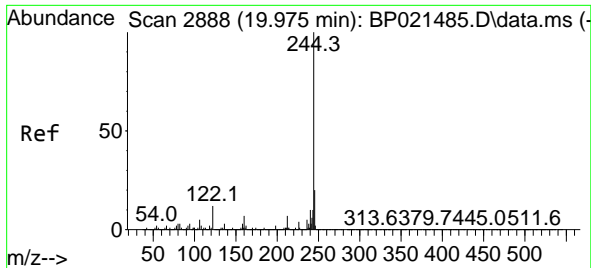


#78
 Pyrene
 Concen: 43.844 ng
 RT: 19.774 min Scan# 2854
 Delta R.T. 0.023 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion: 202 Resp: 6199077
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.7 25.1
 203 17.5 14.1 21.1





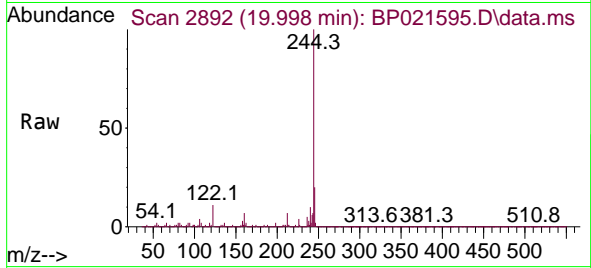
#79
 Terphenyl-d14
 Concen: 79.858 ng
 RT: 19.998 min Scan# 2892
 Delta R.T. 0.023 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

Client SampleId :

PB162788BSD



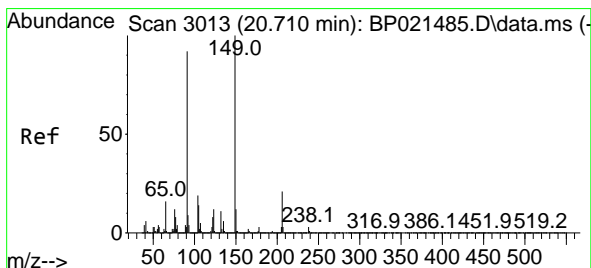
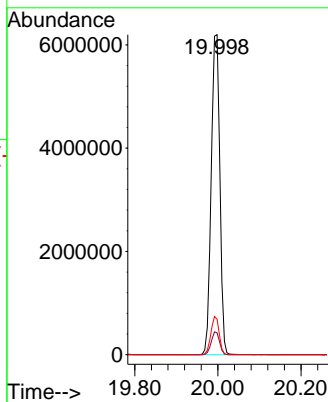
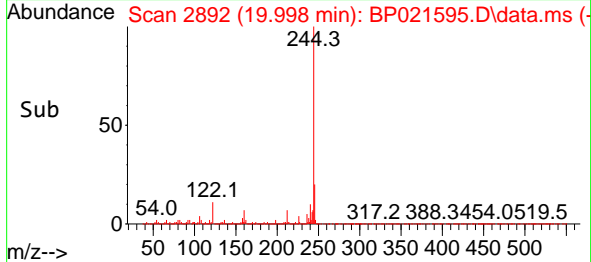
Tgt Ion:244 Resp: 889206
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.1 9.4 14.2

Manual Integrations

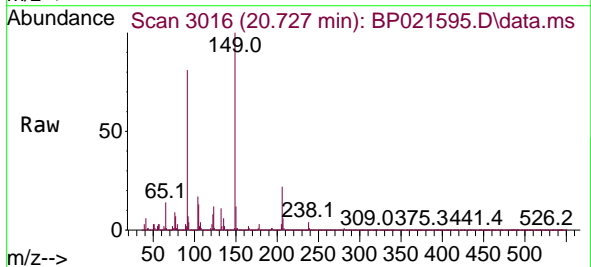
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

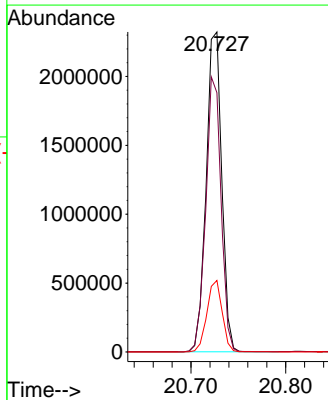
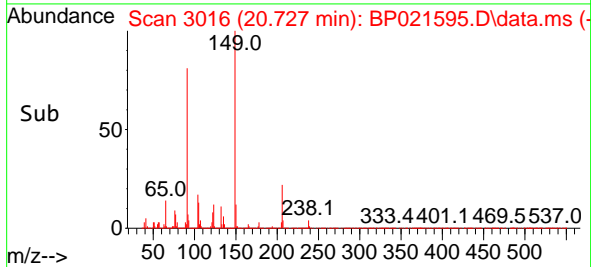
Supervised By :mohammad ahmed 08/22/2024

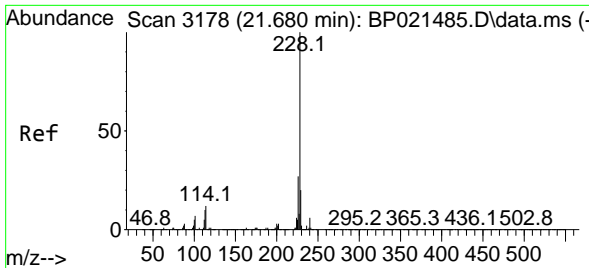


#80
 Butylbenzylphthalate
 Concen: 49.208 ng
 RT: 20.727 min Scan# 3016
 Delta R.T. 0.017 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion:149 Resp: 2645879
 Ion Ratio Lower Upper
 149 100
 91 81.0 73.3 109.9
 206 22.4 17.1 25.7





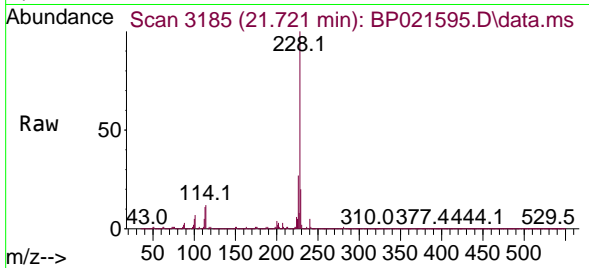
#81
 Benzo(a)anthracene
 Concen: 46.146 ng
 RT: 21.721 min Scan# 3178
 Delta R.T. 0.041 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

Client SampleId :

PB162788BSD



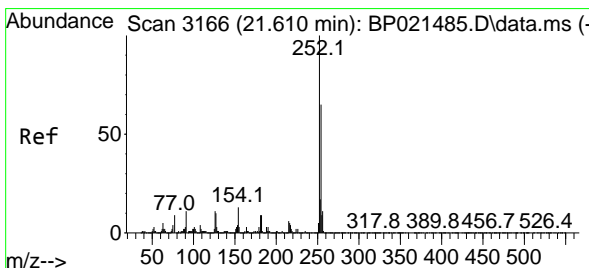
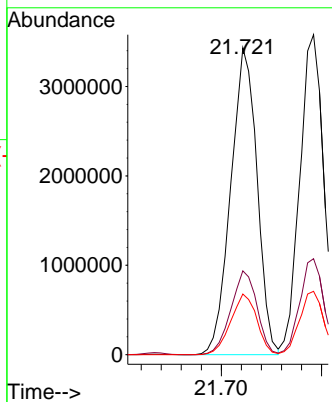
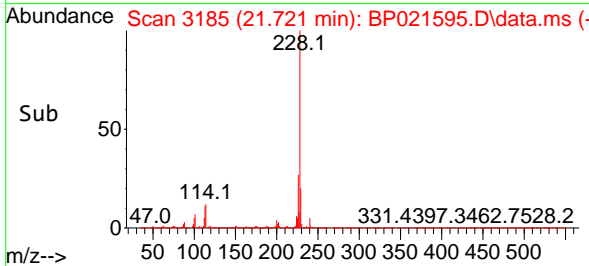
Tgt Ion: 228 Resp: 626645
 Ion Ratio Lower Upper
 228 100
 226 27.3 21.4 32.2
 229 19.8 15.8 23.6

Manual Integrations

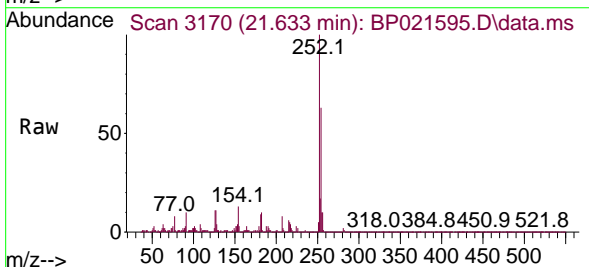
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

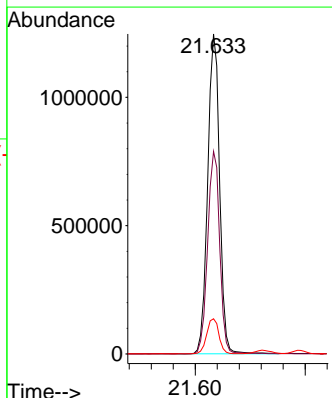
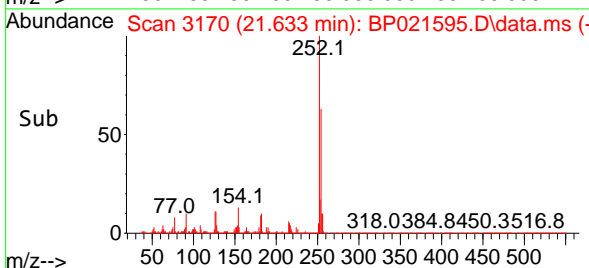
Supervised By :mohammad ahmed 08/22/2024

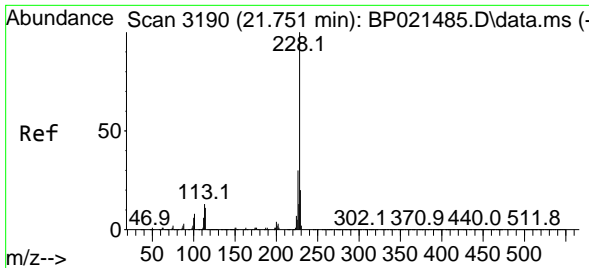


#82
 3,3'-Dichlorobenzidine
 Concen: 42.989 ng
 RT: 21.633 min Scan# 3170
 Delta R.T. 0.023 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion: 252 Resp: 1871748
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.7 77.5
 126 11.0 8.7 13.1





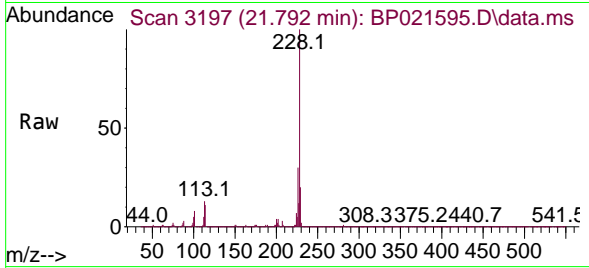
#83
 Chrysene
 Concen: 45.957 ng
 RT: 21.792 min Scan# 3190
 Delta R.T. 0.041 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

Client Sample Id :

PB162788BSD



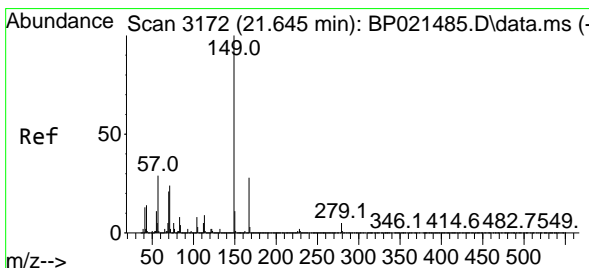
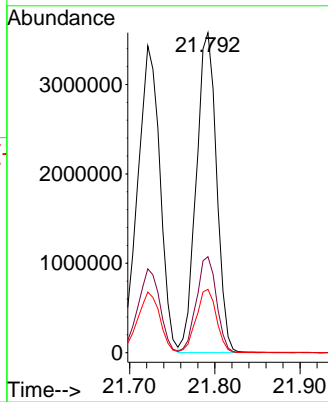
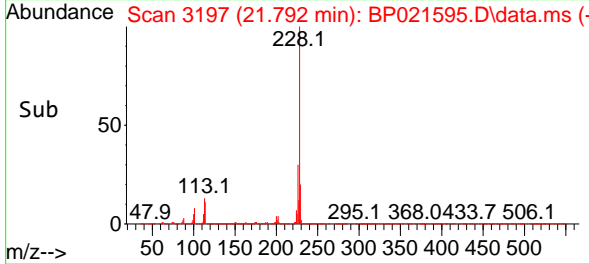
Tgt Ion: 228 Resp: 589224
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.9 35.9
 229 19.8 15.8 23.6

Manual Integrations

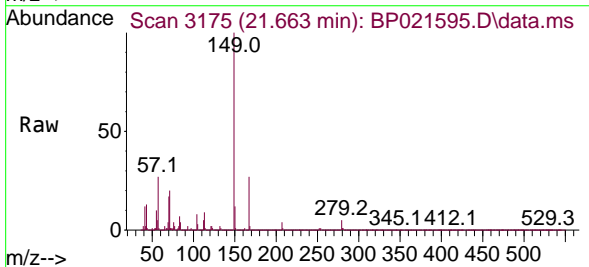
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

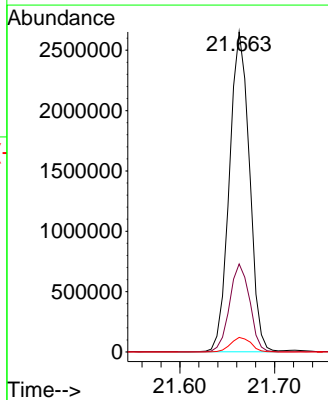
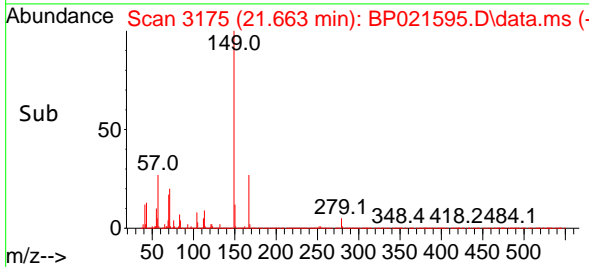
Supervised By :mohammad ahmed 08/22/2024

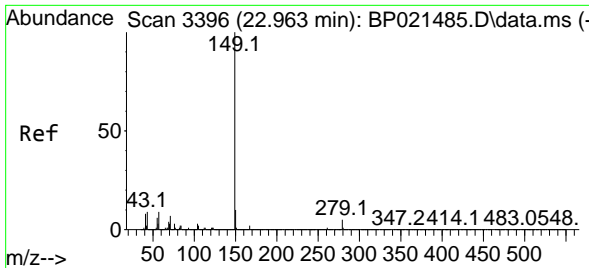


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.525 ng
 RT: 21.663 min Scan# 3175
 Delta R.T. 0.017 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



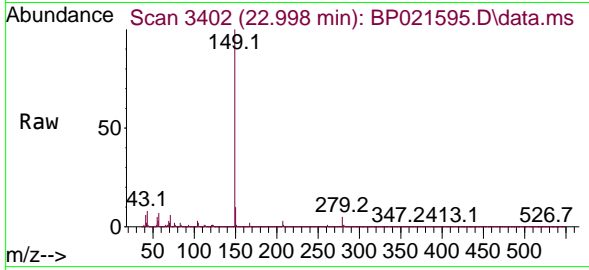
Tgt Ion: 149 Resp: 3894673
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.3 33.5
 279 4.5 3.8 5.6





#85
 Di-n-octyl phthalate
 Concen: 49.126 ng
 RT: 22.998 min Scan# 3402
 Delta R.T. 0.035 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument : BNA_P
 Client Sample Id : PB162788BSD

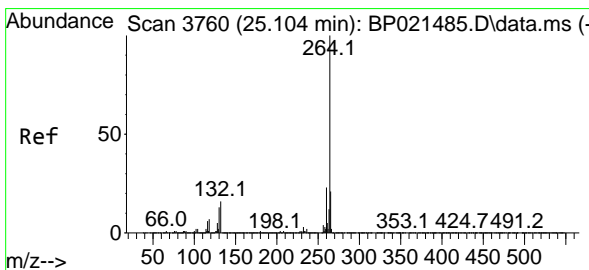
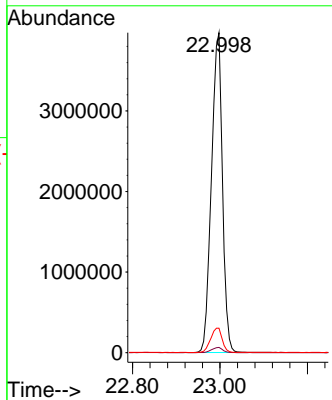
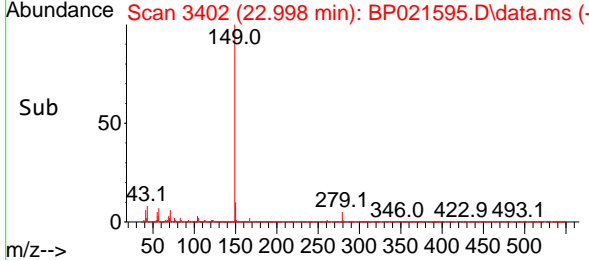


Tgt Ion: 149 Resp: 694403

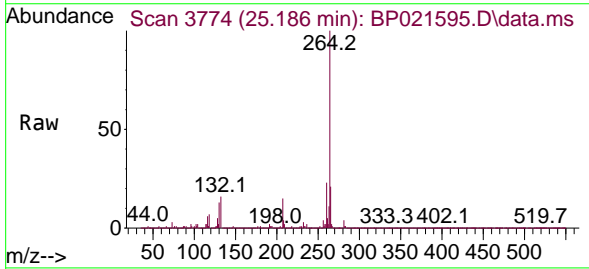
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	7.3	10.9

Manual Integrations
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Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

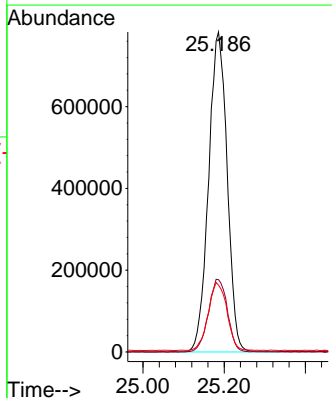
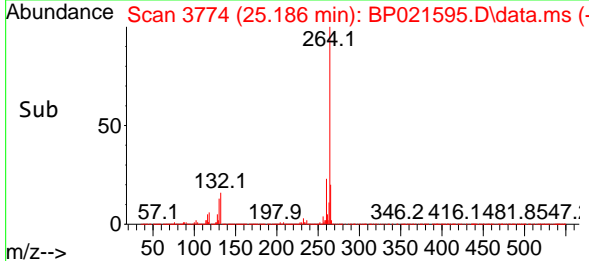


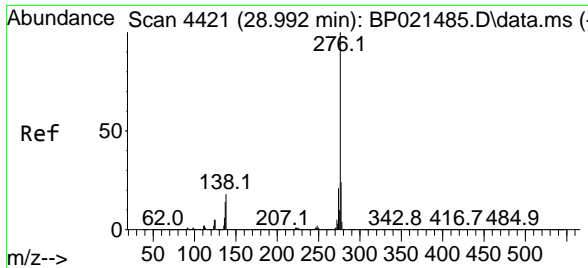
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.186 min Scan# 3774
 Delta R.T. 0.082 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion: 264 Resp: 2473126

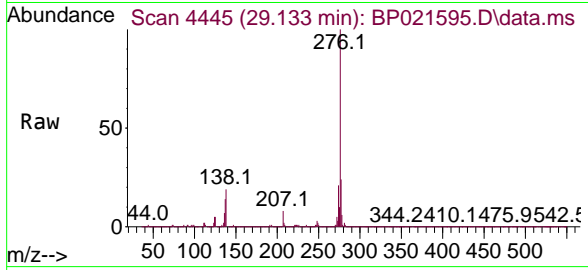
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	20.9	17.1	25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.571 ng m
 RT: 29.133 min Scan# 4421
 Delta R.T. 0.141 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

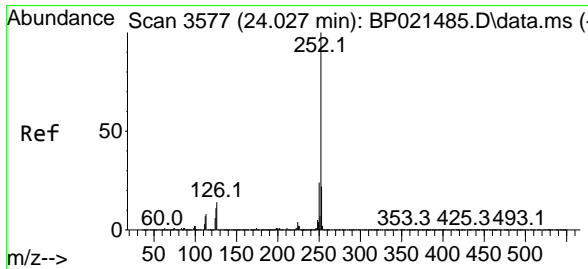
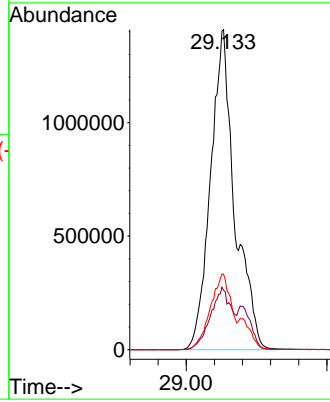
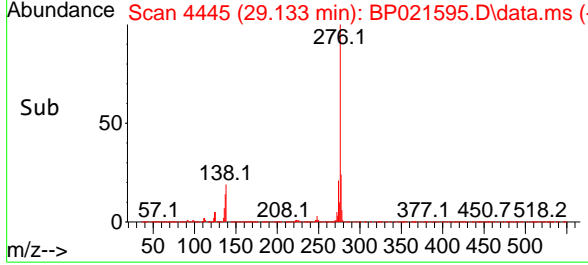
Instrument : BNA_P
 Client Sample Id : PB162788BSD



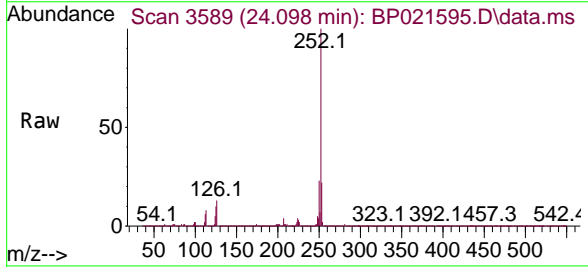
Tgt Ion: 276 Resp: 842777
 Ion Ratio Lower Upper
 276 100
 138 17.1 12.8 19.2
 277 20.2 16.5 24.7

Manual Integrations
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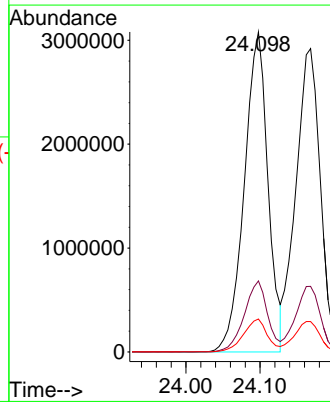
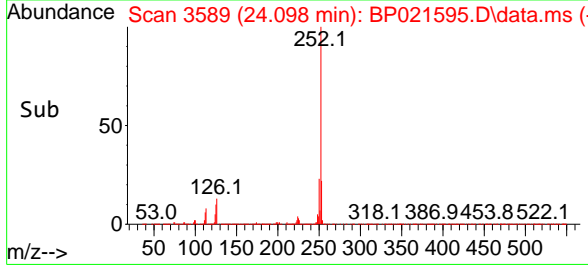
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

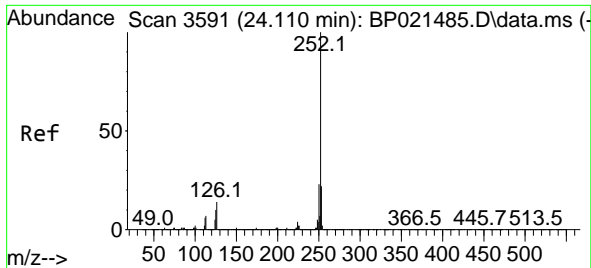


#88
 Benzo(b)fluoranthene
 Concen: 47.993 ng
 RT: 24.098 min Scan# 3589
 Delta R.T. 0.070 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion: 252 Resp: 6816748
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.6 26.4
 125 10.3 8.6 13.0





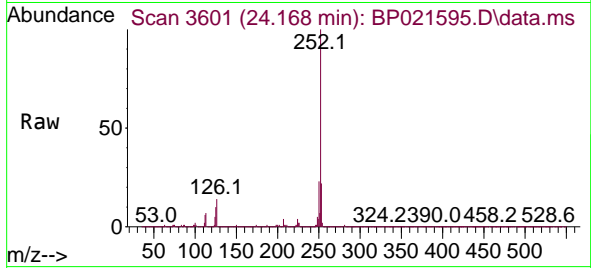
#89
 Benzo(k)fluoranthene
 Concen: 48.218 ng
 RT: 24.168 min Scan# 30
 Delta R.T. 0.059 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument :

BNA_P

Client Sample Id :

PB162788BSD



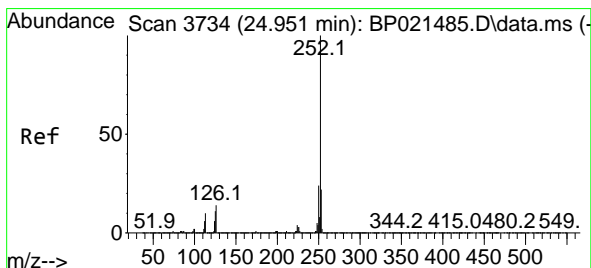
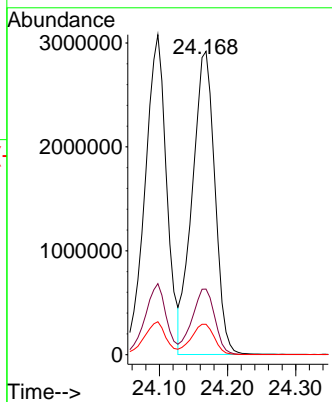
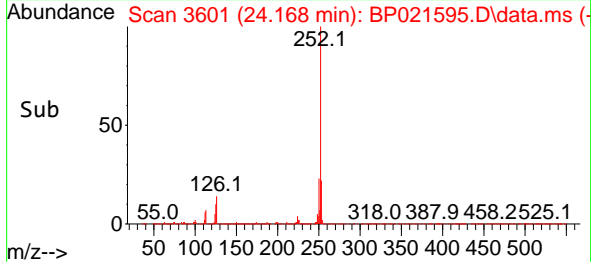
Tgt Ion:252 Resp: 6680950
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.5 26.3
 125 10.0 7.8 11.8

Manual Integrations

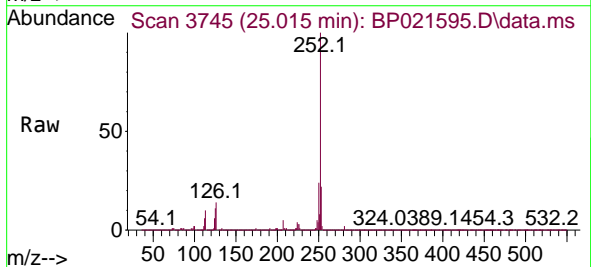
APPROVED

Reviewed By :Yogesh Patel 08/22/2024

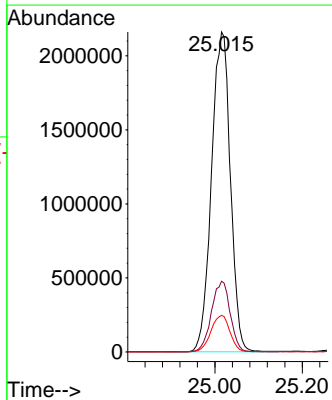
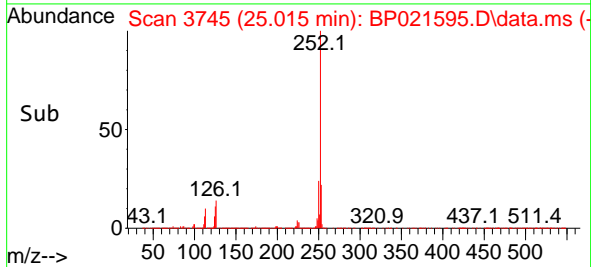
Supervised By :mohammad ahmed 08/22/2024

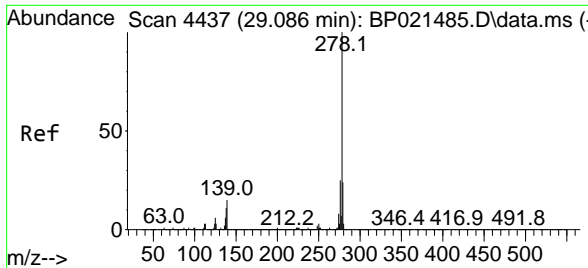


#90
 Benzo(a)pyrene
 Concen: 52.314 ng
 RT: 25.015 min Scan# 3745
 Delta R.T. 0.064 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



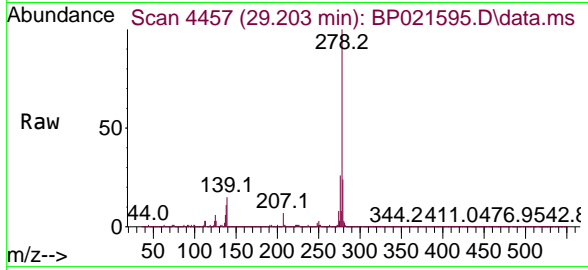
Tgt Ion:252 Resp: 6448176
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.7 26.5
 125 11.4 8.7 13.1





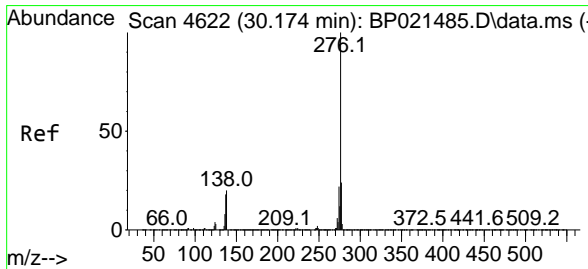
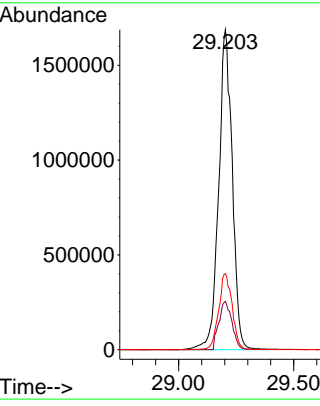
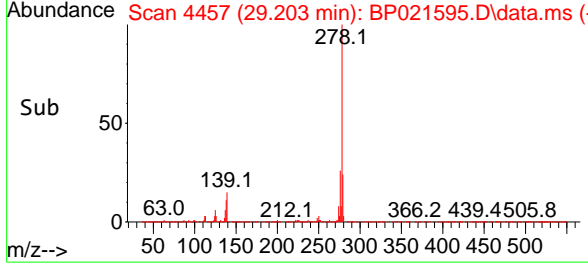
#91
 Dibenzo(a,h)anthracene
 Concen: 51.865 ng
 RT: 29.203 min Scan# 4437
 Delta R.T. 0.117 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08

Instrument : BNA_P
 Client Sample Id : PB162788BSD

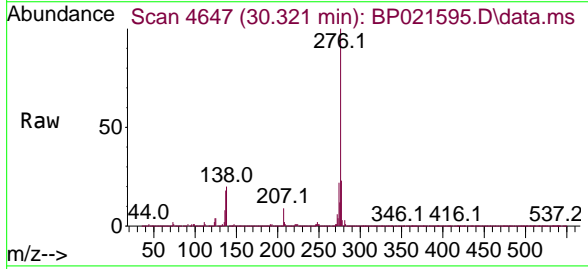


Tgt Ion: 278 Resp: 6908449
 Ion Ratio Lower Upper
 278 100
 139 15.1 12.2 18.4
 279 23.7 19.1 28.7

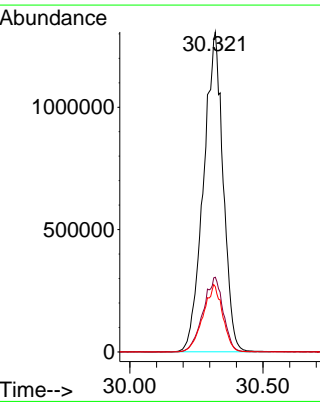
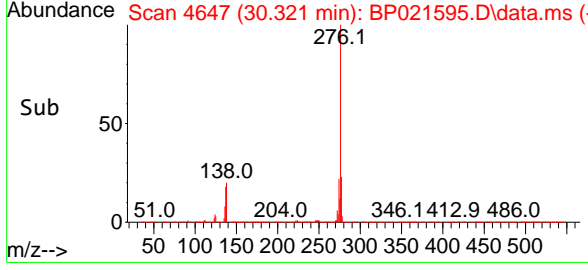
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024



#92
 Benzo(g,h,i)perylene
 Concen: 50.110 ng
 RT: 30.321 min Scan# 4647
 Delta R.T. 0.147 min
 Lab File: BP021595.D
 Acq: 21 Aug 2024 13:08



Tgt Ion: 276 Resp: 6689956
 Ion Ratio Lower Upper
 276 100
 277 23.3 19.0 28.6
 138 20.4 16.0 24.0



Manual Integration Report

Sequence:	BM081024	Instrument	BNA_m
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM047141.D	4-Nitroaniline	Jagrut	8/12/2024 5:01:33 PM	mohammad	8/13/2024 5:17:30 AM	Peak Integrated by Software
SSTDICC005	BM047141.D	Benzoic acid	Jagrut	8/12/2024 5:01:33 PM	mohammad	8/13/2024 5:17:30 AM	Peak Integrated by Software
SSTDICC010	BM047142.D	4-Nitroaniline	Jagrut	8/12/2024 5:01:36 PM	mohammad	8/13/2024 5:17:30 AM	Peak Integrated by Software
SSTDICC020	BM047143.D	4-Nitroaniline	Jagrut	8/12/2024 5:01:39 PM	mohammad	8/13/2024 5:17:30 AM	Peak Integrated by Software
SSTDICCC040	BM047144.D	Pyridine	Jagrut	8/12/2024 5:01:41 PM	mohammad	8/13/2024 5:17:30 AM	Peak Integrated by Software
SSTDICC050	BM047145.D	Pyridine	Jagrut	8/12/2024 5:01:44 PM	mohammad	8/13/2024 5:17:30 AM	Peak Integrated by Software
SSTDICC060	BM047146.D	Caprolactam	Jagrut	8/12/2024 5:01:46 PM	mohammad	8/13/2024 5:17:30 AM	Peak Integrated by Software
SSTDICC060	BM047146.D	Pyridine	Jagrut	8/12/2024 5:01:46 PM	mohammad	8/13/2024 5:17:30 AM	Peak Integrated by Software
SSTDICC080	BM047147.D	Caprolactam	Jagrut	8/12/2024 5:01:48 PM	mohammad	8/13/2024 5:17:30 AM	Peak Integrated by Software
SSTDICC080	BM047147.D	Pyridine	Jagrut	8/12/2024 5:01:48 PM	mohammad	8/13/2024 5:17:30 AM	Peak Integrated by Software
SSTDICV040	BM047148.D	Pyridine	Jagrut	8/12/2024 5:01:51 PM	mohammad	8/13/2024 5:17:30 AM	Peak Integrated by Software



Manual Integration Report

Sequence:	bm082024	Instrument	BNA_m
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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Manual Integration Report

Sequence:	BP081324	Instrument	BNA_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDIC005	BP021482.D	Indeno(1,2,3-cd)pyrene	yogesh	8/14/2024 5:48:54 AM	mohammad	8/14/2024 6:23:14 AM	Peak Integrated by Software
SSTDIC010	BP021483.D	2,2"-oxybis(1-Chloropropane)	yogesh	8/14/2024 5:48:55 AM	mohammad	8/14/2024 6:23:14 AM	Peak Integrated by Software
SSTDIC020	BP021484.D	Indeno(1,2,3-cd)pyrene	yogesh	8/14/2024 5:48:57 AM	mohammad	8/14/2024 6:23:14 AM	Peak Integrated by Software
SSTDICCC040	BP021485.D	Indeno(1,2,3-cd)pyrene	yogesh	8/14/2024 5:48:59 AM	mohammad	8/14/2024 6:23:14 AM	Peak Integrated by Software
SSTDICCC040	BP021485.D	Pyridine	yogesh	8/14/2024 5:48:59 AM	mohammad	8/14/2024 6:23:14 AM	Peak Integrated by Software
SSTDIC050	BP021486.D	Indeno(1,2,3-cd)pyrene	yogesh	8/14/2024 5:49:00 AM	mohammad	8/14/2024 6:23:14 AM	Peak Integrated by Software
SSTDIC050	BP021486.D	Pyridine	yogesh	8/14/2024 5:49:00 AM	mohammad	8/14/2024 6:23:14 AM	Peak Integrated by Software
SSTDIC060	BP021487.D	Indeno(1,2,3-cd)pyrene	yogesh	8/14/2024 5:49:01 AM	mohammad	8/14/2024 6:23:14 AM	Peak Integrated by Software
SSTDIC060	BP021487.D	Pyridine	yogesh	8/14/2024 5:49:01 AM	mohammad	8/14/2024 6:23:14 AM	Peak Integrated by Software
SSTDIC080	BP021488.D	Caprolactam	yogesh	8/14/2024 5:49:03 AM	mohammad	8/14/2024 6:23:14 AM	Peak Integrated by Software
SSTDIC080	BP021488.D	Indeno(1,2,3-cd)pyrene	yogesh	8/14/2024 5:49:03 AM	mohammad	8/14/2024 6:23:14 AM	Peak Integrated by Software
SSTDIC080	BP021488.D	Pyridine	yogesh	8/14/2024 5:49:03 AM	mohammad	8/14/2024 6:23:14 AM	Peak Integrated by Software
SSTDICV040	BP021489.D	Indeno(1,2,3-cd)pyrene	yogesh	8/14/2024 5:49:04 AM	mohammad	8/14/2024 6:23:14 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	BP081324	Instrument	BNA_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICV040	BP021489.D	Pyridine	yogesh	8/14/2024 5:49:04 AM	mohammad	8/14/2024 6:23:14 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP082124	Instrument	BNA_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP021592.D	Acenaphthene	yogesh	8/22/2024 2:06:28 AM	mohammad	8/22/2024 7:52:20 AM	Peak Integrated by Software
SSTDCCC040	BP021592.D	Benzaldehyde	yogesh	8/22/2024 2:06:28 AM	mohammad	8/22/2024 7:52:20 AM	Peak Integrated by Software
SSTDCCC040	BP021592.D	Indeno(1,2,3-cd)pyrene	yogesh	8/22/2024 2:06:28 AM	mohammad	8/22/2024 7:52:20 AM	Peak Integrated by Software
PB162788BS	BP021594.D	Acenaphthene	yogesh	8/22/2024 2:06:30 AM	mohammad	8/22/2024 7:52:20 AM	Peak Integrated by Software
PB162788BS	BP021594.D	Benzaldehyde	yogesh	8/22/2024 2:06:30 AM	mohammad	8/22/2024 7:52:20 AM	Peak Integrated by Software
PB162788BS	BP021594.D	Indeno(1,2,3-cd)pyrene	yogesh	8/22/2024 2:06:30 AM	mohammad	8/22/2024 7:52:20 AM	Peak Integrated by Software
PB162788BSD	BP021595.D	Acenaphthene	yogesh	8/22/2024 2:06:31 AM	mohammad	8/22/2024 7:52:20 AM	Peak Integrated by Software
PB162788BSD	BP021595.D	Benzaldehyde	yogesh	8/22/2024 2:06:31 AM	mohammad	8/22/2024 7:52:20 AM	Peak Integrated by Software
PB162788BSD	BP021595.D	Caprolactam	yogesh	8/22/2024 2:06:31 AM	mohammad	8/22/2024 7:52:20 AM	Peak Integrated by Software
PB162788BSD	BP021595.D	Indeno(1,2,3-cd)pyrene	yogesh	8/22/2024 2:06:31 AM	mohammad	8/22/2024 7:52:20 AM	Peak Integrated by Software
SSTDCCC040	BP021605.D	Benzaldehyde	yogesh	8/22/2024 2:06:41 AM	mohammad	8/22/2024 7:52:20 AM	Peak Integrated by Software
SSTDCCC040	BP021605.D	Indeno(1,2,3-cd)pyrene	yogesh	8/22/2024 2:06:41 AM	mohammad	8/22/2024 7:52:20 AM	Peak Integrated by Software



Manual Integration Report

Sequence:	BP082124	Instrument	BNA_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM081024

Review By	Jagrut	Review On	8/12/2024 5:03:24 PM		
Supervise By	mohammad	Supervise On	8/13/2024 5:17:30 AM		
SubDirectory	BM081024	HP Acquire Method	BNA_M	HP Processing Method	bm081024
STD. NAME	STD REF.#				
Tune/Reschk	SP6573				
Initial Calibration Stds	SP6550,SP6551,SP6552,SP6553,SP6554,SP6555,SP6556,SP6557				
CCC	SP6553				
Internal Standard/PEM	S12039,10ul/1000ul sample				
ICV/I.BLK	SP6559				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM047139.D	10 Aug 2024 12:26	RC/JU	Ok
2	SSTDICC2.5	BM047140.D	10 Aug 2024 13:12	RC/JU	Ok
3	SSTDICC005	BM047141.D	10 Aug 2024 13:52	RC/JU	Ok,M
4	SSTDICC010	BM047142.D	10 Aug 2024 14:31	RC/JU	Ok,M
5	SSTDICC020	BM047143.D	10 Aug 2024 15:11	RC/JU	Ok,M
6	SSTDICCC040	BM047144.D	10 Aug 2024 15:51	RC/JU	Ok,M
7	SSTDICC050	BM047145.D	10 Aug 2024 16:31	RC/JU	Ok,M
8	SSTDICC060	BM047146.D	10 Aug 2024 17:11	RC/JU	Ok,M
9	SSTDICC080	BM047147.D	10 Aug 2024 17:51	RC/JU	Ok,M
10	SSTDICV040	BM047148.D	10 Aug 2024 19:10	RC/JU	Ok,M
11	PB162577TB	BM047149.D	10 Aug 2024 19:50	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM082024

Review By	yogesh	Review On	8/21/2024 1:29:58 AM
Supervise By	mohammad	Supervise On	8/22/2024 7:51:34 AM
SubDirectory	BM082024	HP Acquire Method	BNA_M
		HP Processing Method	bm081024
STD. NAME	STD REF.#		
Tune/Reschk	SP6573		
Initial Calibration Stds	SP6550,SP6551,SP6552,SP6553,SP6554,SP6555,SP6556,SP6557		
CCC	SP6553		
Internal Standard/PEM	S12041,10ul/1000ul sample		
ICV/I.BLK	SP6559		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM047262.D	20 Aug 2024 08:32	RC/JU	Ok
2	SSTDCCC040	BM047263.D	20 Aug 2024 09:11	RC/JU	Ok
3	PB162798BL	BM047264.D	20 Aug 2024 09:51	RC/JU	Ok
4	PB162798BS	BM047265.D	20 Aug 2024 10:30	RC/JU	Ok,M
5	P3643-01	BM047266.D	20 Aug 2024 11:28	RC/JU	Ok
6	P3643-02MS	BM047267.D	20 Aug 2024 12:07	RC/JU	Ok,M
7	P3643-03MSD	BM047268.D	20 Aug 2024 12:47	RC/JU	Ok
8	P3643-04	BM047269.D	20 Aug 2024 13:27	RC/JU	Ok
9	P3643-08	BM047270.D	20 Aug 2024 14:06	RC/JU	Ok
10	P3643-09	BM047271.D	20 Aug 2024 14:46	RC/JU	Ok
11	DFTPP	BM047272.D	20 Aug 2024 15:35	RC/JU	Ok
12	SSTDCCC040	BM047273.D	20 Aug 2024 16:55	RC/JU	Ok
13	PB162806TB	BM047274.D	20 Aug 2024 17:36	RC/JU	Ok
14	PB162861BL	BM047275.D	20 Aug 2024 18:16	RC/JU	Ok
15	PB162861BS	BM047276.D	20 Aug 2024 18:56	RC/JU	Ok
16	P3637-02	BM047277.D	20 Aug 2024 19:35	RC/JU	Ok
17	P3637-02MS	BM047278.D	20 Aug 2024 20:15	RC/JU	Ok
18	P3637-02MSD	BM047279.D	20 Aug 2024 20:55	RC/JU	Ok
19	P3645-01	BM047280.D	20 Aug 2024 21:34	RC/JU	Ok
20	P3645-02	BM047281.D	20 Aug 2024 22:14	RC/JU	Ok
21	P3652-01	BM047282.D	20 Aug 2024 22:54	RC/JU	Ok,M

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QCBatch ID # BM082024

Review By	yogesh	Review On	8/21/2024 1:29:58 AM		
Supervise By	mohammad	Supervise On	8/22/2024 7:51:34 AM		
SubDirectory	BM082024	HP Acquire Method	BNA_M	HP Processing Method	bm081024
STD. NAME	STD REF.#				
Tune/Reschk	SP6573				
Initial Calibration Stds	SP6550,SP6551,SP6552,SP6553,SP6554,SP6555,SP6556,SP6557				
CCC	SP6553				
Internal Standard/PEM	S12041,10ul/1000ul sample				
ICV/I.BLK	SP6559				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	P3652-01MS	BM047283.D	20 Aug 2024 23:34	RC/JU	Not Ok
23	P3652-01MSD	BM047284.D	21 Aug 2024 00:13	RC/JU	Not Ok
24	P3643-13	BM047285.D	21 Aug 2024 00:53	RC/JU	Ok
25	P3643-05	BM047286.D	21 Aug 2024 01:33	RC/JU	Ok
26	P3643-11	BM047287.D	21 Aug 2024 02:12	RC/JU	Ok,M
27	P3580-01	BM047288.D	21 Aug 2024 02:52	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP081324

Review By	yogesh	Review On	8/14/2024 5:49:15 AM		
Supervise By	mohammad	Supervise On	8/14/2024 6:23:14 AM		
SubDirectory	BP081324	HP Acquire Method	BNA_P	HP Processing Method	BP081324
STD. NAME	STD REF.#				
Tune/Reschk	SP6573				
Initial Calibration Stds	SP6595,SP6594,SP6593,SP6592,SP6591,SP6590,SP6589,SP6588				
CCC	SP6591				
Internal Standard/PEM	S12041,10ul/1000ul sample				
ICV/I.BLK	SP6559				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP021480.D	13 Aug 2024 11:49	RC/JU	Ok
2	SSTDICC2.5	BP021481.D	13 Aug 2024 12:32	RC/JU	Ok
3	SSTDICC005	BP021482.D	13 Aug 2024 13:15	RC/JU	Ok,M
4	SSTDICC010	BP021483.D	13 Aug 2024 13:59	RC/JU	Ok,M
5	SSTDICC020	BP021484.D	13 Aug 2024 14:42	RC/JU	Ok,M
6	SSTDICCC040	BP021485.D	13 Aug 2024 15:26	RC/JU	Ok,M
7	SSTDICC050	BP021486.D	13 Aug 2024 16:09	RC/JU	Ok,M
8	SSTDICC060	BP021487.D	13 Aug 2024 16:53	RC/JU	Ok,M
9	SSTDICC080	BP021488.D	13 Aug 2024 17:36	RC/JU	Ok,M
10	SSTDICV040	BP021489.D	13 Aug 2024 19:03	RC/JU	Ok,M
11	PB162612TB	BP021490.D	13 Aug 2024 19:46	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP082124

Review By	yogesh	Review On	8/22/2024 2:06:51 AM		
Supervise By	mohammad	Supervise On	8/22/2024 7:52:20 AM		
SubDirectory	BP082124	HP Acquire Method	BNA_P	HP Processing Method	BP081324
STD. NAME	STD REF.#				
Tune/Reschk	SP6573				
Initial Calibration Stds	SP6595,SP6594,SP6593,SP6592,SP6591,SP6590,SP6589,SP6588				
CCC	SP6591				
Internal Standard/PEM	S12041,10ul/1000ul sample				
ICV/I.BLK	SP6559				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP021591.D	21 Aug 2024 09:28	RC/JU	Ok
2	SSTDCCC040	BP021592.D	21 Aug 2024 10:10	RC/JU	Ok,M
3	PB162788BL	BP021593.D	21 Aug 2024 10:52	RC/JU	Ok
4	PB162788BS	BP021594.D	21 Aug 2024 12:19	RC/JU	Ok,M
5	PB162788BSD	BP021595.D	21 Aug 2024 13:08	RC/JU	Ok,M
6	PB162717BS	BP021596.D	21 Aug 2024 13:52	RC/JU	Ok,M
7	PB162631BS	BP021597.D	21 Aug 2024 14:35	RC/JU	Ok,M
8	PB162878BL	BP021598.D	21 Aug 2024 15:17	RC/JU	Ok
9	PB162878BS	BP021599.D	21 Aug 2024 15:59	RC/JU	Ok,M
10	PB162878BSD	BP021600.D	21 Aug 2024 16:42	RC/JU	Ok,M
11	P3666-03	BP021601.D	21 Aug 2024 17:25	RC/JU	Ok
12	P3617-02	BP021602.D	21 Aug 2024 18:08	RC/JU	Ok
13	P3617-03	BP021603.D	21 Aug 2024 18:51	RC/JU	Ok
14	P3617-04	BP021604.D	21 Aug 2024 19:35	RC/JU	Ok,M
15	SSTDCCC040	BP021605.D	21 Aug 2024 20:18	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM081024

Review By	Jagrut	Review On	8/12/2024 5:03:24 PM		
Supervise By	mohammad	Supervise On	8/13/2024 5:17:30 AM		
SubDirectory	BM081024	HP Acquire Method	BNA_M	HP Processing Method	bm081024

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	SP6573 SP6550,SP6551,SP6552,SP6553,SP6554,SP6555,SP6556,SP6557
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	SP6553 S12039,10ul/1000ul sample SP6559

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM047139.D	10 Aug 2024 12:26		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM047140.D	10 Aug 2024 13:12		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM047141.D	10 Aug 2024 13:52	Compound #54 removed from 5ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM047142.D	10 Aug 2024 14:31	Com#77 failing in calibration for both 8270DOD and 8270E	RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM047143.D	10 Aug 2024 15:11	Compound #9 Kept on QR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM047144.D	10 Aug 2024 15:51	The Calibration is Good For 8270 DOD and also good for 625.1 Method except com#77	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BM047145.D	10 Aug 2024 16:31		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BM047146.D	10 Aug 2024 17:11		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BM047147.D	10 Aug 2024 17:51	Compound #9 removed from 80ppm	RC/JU	Ok,M
10	SSTDICV040	ICVBM081024	BM047148.D	10 Aug 2024 19:10	Com#77 failing in ICV for Both 8270 DOD and 8270 E and also in 625.1.	RC/JU	Ok,M
11	PB162577TB	PB162577TB	BM047149.D	10 Aug 2024 19:50		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM082024

Review By	yogesh	Review On	8/21/2024 1:29:58 AM		
Supervise By	mohammad	Supervise On	8/22/2024 7:51:34 AM		
SubDirectory	BM082024	HP Acquire Method	BNA_M	HP Processing Method	bm081024

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6550,SP6551,SP6552,SP6553,SP6554,SP6555,SP6556,SP6557
CCC	SP6553
Internal Standard/PEM	S12041,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM047262.D	20 Aug 2024 08:32		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM047263.D	20 Aug 2024 09:11		RC/JU	Ok
3	PB162798BL	PB162798BL	BM047264.D	20 Aug 2024 09:51		RC/JU	Ok
4	PB162798BS	PB162798BS	BM047265.D	20 Aug 2024 10:30		RC/JU	Ok,M
5	P3643-01	932-K1-SD-0-0.5-08152	BM047266.D	20 Aug 2024 11:28		RC/JU	Ok
6	P3643-02MS	932-K1-SD-0-0.5-08152	BM047267.D	20 Aug 2024 12:07		RC/JU	Ok,M
7	P3643-03MSD	932-K1-SD-0-0.5-08152	BM047268.D	20 Aug 2024 12:47		RC/JU	Ok
8	P3643-04	932-K1-SD-0.5-1-08152	BM047269.D	20 Aug 2024 13:27		RC/JU	Ok
9	P3643-08	918-J-SD-0.5-1-081524	BM047270.D	20 Aug 2024 14:06		RC/JU	Ok
10	P3643-09	924-K1-SD-0-0.5-08152	BM047271.D	20 Aug 2024 14:46		RC/JU	Ok
11	DFTPP	DFTPP	BM047272.D	20 Aug 2024 15:35		RC/JU	Ok
12	SSTDCCC040	SSTDCCC040	BM047273.D	20 Aug 2024 16:55		RC/JU	Ok
13	PB162806TB	PB162806TB	BM047274.D	20 Aug 2024 17:36		RC/JU	Ok
14	PB162861BL	PB162861BL	BM047275.D	20 Aug 2024 18:16		RC/JU	Ok
15	PB162861BS	PB162861BS	BM047276.D	20 Aug 2024 18:56		RC/JU	Ok
16	P3637-02	ETGI - 370	BM047277.D	20 Aug 2024 19:35		RC/JU	Ok
17	P3637-02MS	ETGI - 370MS	BM047278.D	20 Aug 2024 20:15		RC/JU	Ok
18	P3637-02MSD	ETGI - 370MSD	BM047279.D	20 Aug 2024 20:55		RC/JU	Ok

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM082024

Review By	yogesh	Review On	8/21/2024 1:29:58 AM			
Supervise By	mohammad	Supervise On	8/22/2024 7:51:34 AM			
SubDirectory	BM082024	HP Acquire Method	BNA_M	HP Processing Method	bm081024	
STD. NAME	STD REF.#					
Tune/Reschk	SP6573					
Initial Calibration Stds	SP6550,SP6551,SP6552,SP6553,SP6554,SP6555,SP6556,SP6557					
CCC	SP6553					
Internal Standard/PEM	S12041,10ul/1000ul sample					
ICV/I.BLK	SP6559					
Surrogate Standard						
MS/MSD Standard						
LCS Standard						

19	P3645-01	914-J-WS-081524	BM047280.D	20 Aug 2024 21:34		RC/JU	Ok
20	P3645-02	916-J-WS-081524	BM047281.D	20 Aug 2024 22:14		RC/JU	Ok
21	P3652-01	LIVONIA-SOIL	BM047282.D	20 Aug 2024 22:54		RC/JU	Ok,M
22	P3652-01MS	LIVONIA-SOILMS	BM047283.D	20 Aug 2024 23:34	CCC fail low side for compound #19,35,56,62	RC/JU	Not Ok
23	P3652-01MSD	LIVONIA-SOILMSD	BM047284.D	21 Aug 2024 00:13	CCC fail low side for compound #19,35,56,62	RC/JU	Not Ok
24	P3643-13	921-J-SD-0-0.5-081524	BM047285.D	21 Aug 2024 00:53	FD	RC/JU	Ok
25	P3643-05	917-J-SD-0-0.5-081524	BM047286.D	21 Aug 2024 01:33		RC/JU	Ok
26	P3643-11	921-J-SD-0-0.5-081524	BM047287.D	21 Aug 2024 02:12		RC/JU	Ok,M
27	P3580-01	926-K1-SD-0-0.5-0812	BM047288.D	21 Aug 2024 02:52		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP081324

Review By	yogesh	Review On	8/14/2024 5:49:15 AM		
Supervise By	mohammad	Supervise On	8/14/2024 6:23:14 AM		
SubDirectory	BP081324	HP Acquire Method	BNA_P	HP Processing Method	BP081324

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6595,SP6594,SP6593,SP6592,SP6591,SP6590,SP6589,SP6588
CCC	SP6591
Internal Standard/PEM	S12041,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP021480.D	13 Aug 2024 11:49		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP021481.D	13 Aug 2024 12:32		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP021482.D	13 Aug 2024 13:15	Compound #32,54,56,65,70,77,85 removed from 5ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP021483.D	13 Aug 2024 13:59		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP021484.D	13 Aug 2024 14:42	Compound #48,51,53,56,57,62,80,85 Kept on LR and Compound #26,32,54,65,77 Kept on QR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP021485.D	13 Aug 2024 15:26	The Calibration is Good For 8270 DOD except com#32,77 and good for 8270E	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP021486.D	13 Aug 2024 16:09		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP021487.D	13 Aug 2024 16:53		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP021488.D	13 Aug 2024 17:36	Compound #9 removed from 80ppm	RC/JU	Ok,M
10	SSTDICV040	ICVBP081324	BP021489.D	13 Aug 2024 19:03	Com#32 and 77 failed in ICV for 8270 DOD Criteria	RC/JU	Ok,M
11	PB162612TB	PB162612TB	BP021490.D	13 Aug 2024 19:46	Already analyzed with ok status	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP082124

Review By	yogesh	Review On	8/22/2024 2:06:51 AM		
Supervise By	mohammad	Supervise On	8/22/2024 7:52:20 AM		
SubDirectory	BP082124	HP Acquire Method	BNA_P	HP Processing Method	BP081324

STD. NAME	STD REF.#
Tune/Reschk	SP6573
Initial Calibration Stds	SP6595,SP6594,SP6593,SP6592,SP6591,SP6590,SP6589,SP6588
CCC	SP6591
Internal Standard/PEM	S12041,10ul/1000ul sample
ICV/I.BLK	SP6559
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP021591.D	21 Aug 2024 09:28		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP021592.D	21 Aug 2024 10:10		RC/JU	Ok,M
3	PB162788BL	PB162788BL	BP021593.D	21 Aug 2024 10:52		RC/JU	Ok
4	PB162788BS	PB162788BS	BP021594.D	21 Aug 2024 12:19		RC/JU	Ok,M
5	PB162788BSD	PB162788BSD	BP021595.D	21 Aug 2024 13:08		RC/JU	Ok,M
6	PB162717BS	PB162717BS	BP021596.D	21 Aug 2024 13:52		RC/JU	Ok,M
7	PB162631BS	PB162631BS	BP021597.D	21 Aug 2024 14:35		RC/JU	Ok,M
8	PB162878BL	PB162878BL	BP021598.D	21 Aug 2024 15:17		RC/JU	Ok
9	PB162878BS	PB162878BS	BP021599.D	21 Aug 2024 15:59		RC/JU	Ok,M
10	PB162878BSD	PB162878BSD	BP021600.D	21 Aug 2024 16:42		RC/JU	Ok,M
11	P3666-03	SP-303-20240816	BP021601.D	21 Aug 2024 17:25		RC/JU	Ok
12	P3617-02	Field Blank	BP021602.D	21 Aug 2024 18:08		RC/JU	Ok
13	P3617-03	VCPS-B2-081424-6W	BP021603.D	21 Aug 2024 18:51		RC/JU	Ok
14	P3617-04	VCPS-B2-081424-6W-I	BP021604.D	21 Aug 2024 19:35		RC/JU	Ok,M
15	SSTDCCC040	SSTDCCC040EC	BP021605.D	21 Aug 2024 20:18		RC/JU	Ok,M

M : Manual Integration

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A **Extraction Start Date :** 08/16/2024

Matrix : Water **Extraction Start Time :** 09:33

Welgh By: N/A **Extraction By:** RP **Extraction End Date :** 08/16/2024

Balance check: N/A **Filter By:** RS **Extraction End Time :** 14:25

Balance ID: N/A **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: E3574 **Hood ID:** 4,6,7 **Supervisor By :** rajesh

Extraction Method: Seperatory Funne Continious Liquid/Liquid Sonication Waste Dilution Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6604
Surrogate	1.0ML	100/150 PPM	SP6524
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3787
Baked Na2SO4	N/A	EP2521
10N NaoH	N/A	EP2523
H2SO4 1:1	N/A	EP2524
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210673. pH Adjusted<2 with 1:1 H2SO4 &>11with 10 N NaOH. P3645-01,02 Added in batch at 10:33.

KD Bath ID: Water bath -01 **Envap ID:** NEVAP-02

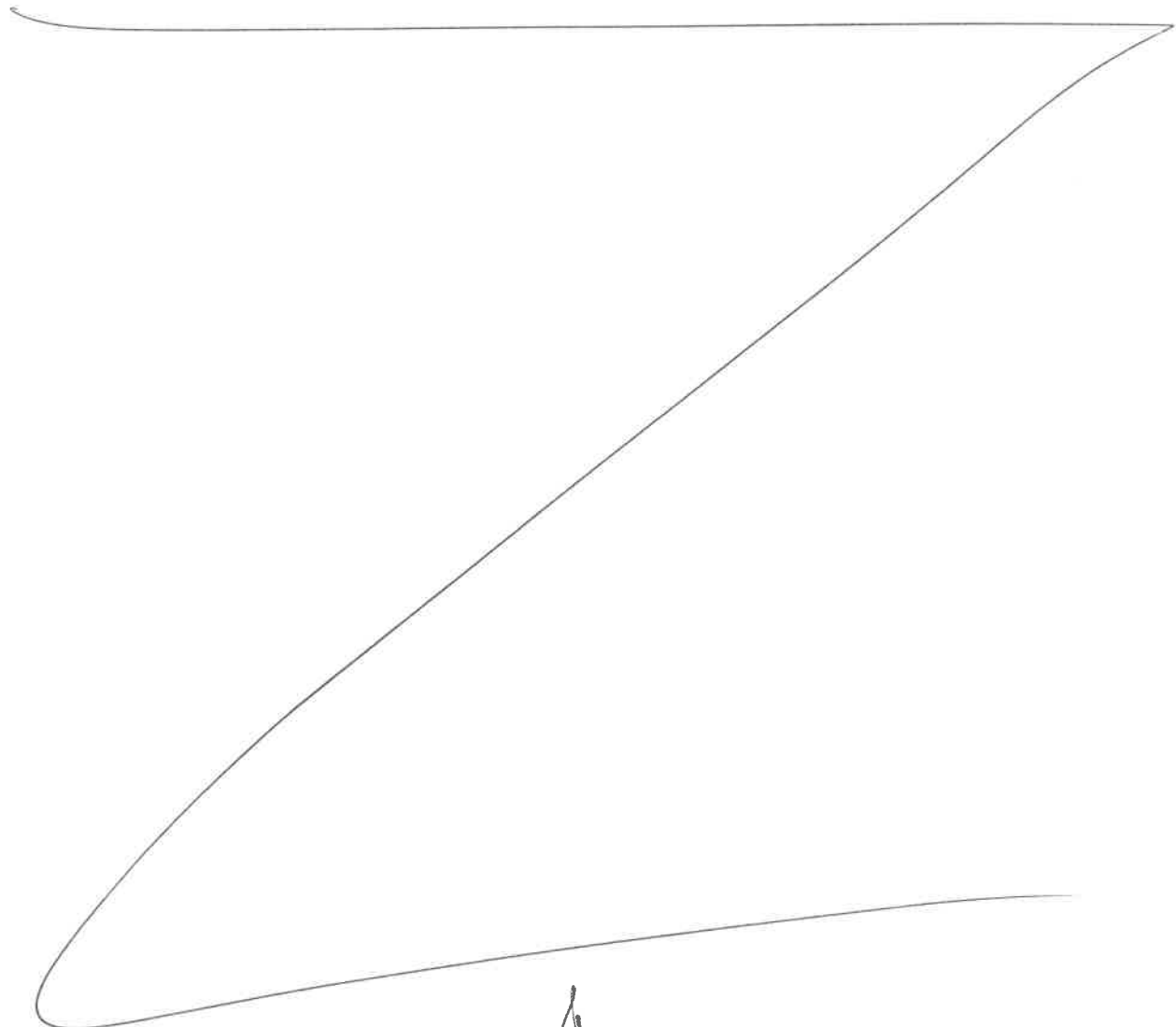
KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/16/24	RP (Ext 765)	RC/SJOC
14:30	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 08/16/2024

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol.(mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB162788BL	SBLK788	SVOC-TCL BNA -20	1000	6	RUPESH	rajesh	1			SEP-09
PB162788BS	SLCS788	SVOC-TCL BNA -20	1000	6	RUPESH	rajesh	1			10
PB162788BS D	SLCSD788	SVOC-TCL BNA -20	1000	6	RUPESH	rajesh	1			11
P3617-02	FIELD BLANK	SVOC-TCL BNA -20	1000	6	RUPESH	rajesh	1	F		12
P3617-03	VCPS-B2-081424-6W	SVOC-TCL BNA -20	990	6	RUPESH	rajesh	1	F		13
P3617-04	VCPS-B2-081424-6W-D UP	SVOC-TCL BNA -20	1000	6	RUPESH	rajesh	1	F		14
P3645-01	914-J-WS-081524	SVOCMS Group6	970	6	RUPESH	rajesh	1			15
P3645-02	916-J-WS-081524	SVOCMS Group6	970	6	RUPESH	rajesh	1			16



* Extracts relinquished on the same date as received.

[Handwritten signature]
8/16/24

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162784
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WORKLIST(Hardcopy Internal Chain)

WorkList Name : p3646

WorkList ID : 182742

Department : Extraction

Date : 08-16-2024 10:33:48

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3645-01	914-J-WS-081524	Water	SVOCMS Group3	Cool 4 deg C	JACO05	G21	08/15/2024	8270-Modified
P3645-01	914-J-WS-081524	Water	SVOCMS Group6	Cool 4 deg C	JACO05	G21	08/15/2024	8270E
P3645-02	916-J-WS-081524	Water	SVOCMS Group3	Cool 4 deg C	JACO05	G21	08/15/2024	8270-Modified
P3645-02	916-J-WS-081524	Water	SVOCMS Group6	Cool 4 deg C	JACO05	G21	08/15/2024	8270E
P3646-01	914-J-WPO-0.25-081524	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	G21	08/15/2024	8270-Modified
P3646-02	916-J-WPO-0.25-081524	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	G21	08/15/2024	8270-Modified

Date/Time 08/16/24 10:33

Raw Sample Received by: RD (Get 203)

Raw Sample Relinquished by: JM (SM)

P3645-SVOCMS Group6

Date/Time 08/16/24 10:50

Raw Sample Received by: JM (SM)

Raw Sample Relinquished by: RD (Get 203)

107748
9:33

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P3617S

WorkList ID : 182732

Department : Extraction

Date : 08-16-2024 08:13:40

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3617-02	Field Blank	Water	SVOC-TCL BNA -20	Cool 4 deg C	ENTE01	G11	08/14/2024	8270E
P3617-03	VCPS-B2-081424-6W	Water	SVOC-TCL BNA -20	Cool 4 deg C	ENTE01	G11	08/14/2024	8270E
P3617-04	VCPS-B2-081424-6W-DUP	Water	SVOC-TCL BNA -20	Cool 4 deg C	ENTE01	G11	08/14/2024	8270E

Date/Time 08/16/24 9:25
 Raw Sample Received by: Rs (Ext. Lab)
 Raw Sample Relinquished by: CS

Date/Time 08/16/24 9:45
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: Rs (Ext. Lab)

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Prep Standard - Chemical Standard Summary

Order ID : P3645
Test : SVOCMS Group6
Prepbatch ID : PB162788,
Sequence ID/Qc Batch ID: BM082024,BP082124,

Standard ID :
EP2521,EP2523,EP2524,SP6524,SP6549,SP6550,SP6551,SP6552,SP6553,SP6554,SP6555,SP6556,SP6557,SP6558,SP6559,SP6573,SP6587,SP6588,SP6589,SP6590,SP6591,SP6592,SP6593,SP6594,SP6595,SP6604,

Chemical ID :
10ul/1000ul
sample,E3551,E3657,E3744,E3746,E3768,E3780,E3786,E3787,M5037,S10102,S10103,S10247,S10398,S10583,S10972,S10973,S10974,S10975,S10976,S10977,S10996,S10997,S10998,S10999,S11000,S11001,S11002,S11003,S11012,S11084,S11092,S11093,S11096,S11097,S11102,S11103,S11138,S11141,S11148,S11434,S11494,S11555,S11561,S11566,S11567,S11766,S11767,S11768,S11769,S11770,S12033,S12039,S12041,S12076,S12077,S12097,S12098,S12099,S12100,S12101,S12102,S12103,S12104,S12105,S12112,S12117,S12118,S12119,S12120,S12121,S12122,S12123,S12124,S12125,S12126,S12449,S12450,S12451,S12452,S12453,W3112,

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3923	Baked Sodium Sulfate	EP2521	08/10/2024	01/03/2025	Rajesh Parikh	Extraction_SC ALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 08/10/2024

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1874	10 N SODIUM HYDROXIDE SOLN	EP2523	08/14/2024	02/14/2025	Rajesh Parikh	Extraction_SC ALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 08/14/2024

FROM 1000.00000ml of W3112 + 400.00000gram of E3657 = Final Quantity: 1000.000 ml

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
314	1.1 H2SO4 SOLN	EP2524	08/14/2024	12/15/2024	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 08/14/2024

FROM 1000.00000ml of M5037 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
19	8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID	SP6524	05/31/2024	11/29/2024	Jagrut Upadhyay	None	None	Yogesh Patel 06/13/2024

FROM 1930.00000ml of E3744 + 2.90000ml of S11003 + 3.00000ml of S10977 + 5.30000ml of S10996 + 5.30000ml of S10997 + 5.30000ml of S10998 + 5.30000ml of S10999 + 5.30000ml of S11000 + 5.30000ml of S11001 + 5.30000ml of S11002 + 5.40000ml of S10972 + 5.40000ml of S10973 + 5.40000ml of S10974 + 5.40000ml of S10975 + 5.40000ml of S10976 = Final Quantity: 2000.000 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3764	8270/625 Stock solution 100 ng	SP6549	07/09/2024	08/26/2024	Jagrut Upadhyay	None	None	mohammad ahmed 07/09/2024

FROM 0.26700ml of S10102 + 0.40000ml of S11434 + 0.50000ml of S12112 + 1.00000ml of S11092 + 1.00000ml of S11096 + 1.00000ml of S11102 + 1.00000ml of S11148 + 1.00000ml of S12076 + 3.83300ml of E3746 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
413	80 ng BNA ICC, 80 PPM	SP6550	07/09/2024	08/26/2024	Jagrut Upadhyay	None	None	mohammad ahmed 07/09/2024

FROM 0.01000ml of S12033 + 0.20000ml of E3746 + 0.80000ml of SP6549 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
412	60 ng BNA ICC, 60 PPM	SP6551	07/09/2024	08/26/2024	Jagrut Upadhyay	None	None	mohammad ahmed 07/09/2024

FROM 0.01000ml of S12033 + 0.40000ml of E3746 + 0.60000ml of SP6549 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
411	50 ng BNA ICC, 50 PPM	SP6552	07/09/2024	08/26/2024	Jagrut Upadhyay	None	None	mohammad ahmed 07/09/2024

FROM 0.01000ml of S12033 + 0.50000ml of E3746 + 0.50000ml of SP6549 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
410	40 ng BNA ICC, 40 PPM	SP6553	07/09/2024	08/26/2024	Jagrut Upadhyay	None	None	mohammad ahmed 07/09/2024

FROM 0.01000ml of S12033 + 0.60000ml of E3746 + 0.40000ml of SP6549 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3678	20 ng BNA ICC, 20 PPM	SP6554	07/09/2024	08/26/2024	Jagrut Upadhyay	None	None	mohammad ahmed 07/09/2024

FROM 0.01000ml of S12033 + 0.80000ml of E3746 + 0.20000ml of SP6549 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
408	10 ng BNA ICC, 10 PPM	SP6555	07/09/2024	08/26/2024	Jagrut Upadhyay	None	None	mohammad ahmed 07/09/2024

FROM 0.01000ml of S12033 + 0.90000ml of E3746 + 0.10000ml of SP6549 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
407	5 ng BNA ICC, 5 PPM	SP6556	07/09/2024	08/26/2024	Jagrut Upadhyay	None	None	mohammad ahmed 07/09/2024

FROM 0.01000ml of S12033 + 0.95000ml of E3746 + 0.05000ml of SP6549 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
175	2.5 ng BNA ICC, 2.5 PPM	SP6557	07/09/2024	08/26/2024	Jagrut Upadhyay	None	None	mohammad ahmed 07/09/2024

FROM 0.01000ml of S12033 + 0.50000ml of E3746 + 0.50000ml of SP6556 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
18	Second Source Calibration Stock Standard, 100 PPM, (8270/625/CLP)	SP6558	07/09/2024	11/30/2024	Jagrut Upadhyay	None	None	mohammad ahmed 07/11/2024

FROM 0.04000ml of S10977 + 0.08000ml of S11003 + 0.10000ml of S11766 + 0.20000ml of S11566 + 0.20000ml of S12097 + 0.20000ml of S12117 + 1.18000ml of E3768 = Final Quantity: 2.000 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
416	40 ng BNA ICV, 40 PPM	SP6559	07/09/2024	11/30/2024	Jagrut Upadhyay	None	None	mohammad ahmed 07/11/2024

FROM 0.01000ml of S12033 + 0.60000ml of E3768 + 0.40000ml of SP6558 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3895	50 ug/ml DFTPP 8270E	SP6573	07/15/2024	01/08/2025	Rahul Chavli	None	None	Yogesh Patel 07/17/2024

FROM 1.00000ml of S10247 + 19.00000ml of E3768 = Final Quantity: 20.000 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3764	8270/625 Stock solution 100 ng	SP6587	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.26700ml of S10103 + 0.40000ml of S11494 + 0.50000ml of S12112 + 1.00000ml of S11084 + 1.00000ml of S11093 + 1.00000ml of S11097 + 1.00000ml of S11103 + 1.00000ml of S12077 + 3.83300ml of E3786 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
413	80 ng BNA ICC, 80 PPM	SP6588	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.01000ml of S12039 + 0.20000ml of E3786 + 0.80000ml of SP6587 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
412	60 ng BNA ICC, 60 PPM	SP6589	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.01000ml of S12039 + 0.40000ml of E3786 + 0.60000ml of SP6587 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
411	50 ng BNA ICC, 50 PPM	SP6590	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.01000ml of S12039 + 0.50000ml of E3786 + 0.50000ml of SP6587 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
410	40 ng BNA ICC, 40 PPM	SP6591	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.01000ml of S12039 + 0.60000ml of E3786 + 0.40000ml of SP6587 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3678	20 ng BNA ICC, 20 PPM	SP6592	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.01000ml of S12039 + 0.80000ml of E3786 + 0.20000ml of SP6587 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
408	10 ng BNA ICC, 10 PPM	SP6593	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.01000ml of S12039 + 0.90000ml of E3786 + 0.10000ml of SP6587 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
407	5 ng BNA ICC, 5 PPM	SP6594	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.01000ml of S12039 + 0.95000ml of E3786 + 0.05000ml of SP6587 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
175	2.5 ng BNA ICC, 2.5 PPM	SP6595	08/08/2024	01/09/2025	Jagrut Upadhyay	None	None	Yogesh Patel 08/17/2024

FROM 0.01000ml of S12039 + 0.50000ml of E3786 + 0.50000ml of SP6594 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
171	8270/625 Spike Solution, 50/100 PPM	SP6604	08/12/2024	10/26/2024	Rahul Chavli	None	None	Yogesh Patel 08/21/2024

FROM 0.20000ml of S12126 + 0.40000ml of S10398 + 0.40000ml of S10583 + 0.40000ml of S11012 + 0.40000ml of S11138 + 0.40000ml of S11141 + 0.50000ml of S12105 + 0.50000ml of S12453 + 0.70000ml of S12097 + 0.80000ml of S11566 + 0.80000ml of S12118 + 1.20000ml of S11555 + 1.20000ml of S11561 + 1.20000ml of S11767 + 1.20000ml of S11769 + 1.20000ml of S12099 + 1.20000ml of S12101 + 1.20000ml of S12104 + 1.20000ml of S12119 + 1.20000ml of S12121 + 1.20000ml of S12449 + 1.20000ml of S12451 + 1.30000ml of S11567 + 1.30000ml of S11768 + 1.30000ml of S11770 + 1.30000ml of S12098 + 1.30000ml of S12100 + 1.30000ml of S12102 + 1.30000ml of S12103 + 1.30000ml of S12120 + 1.30000ml of S12122 + 1.30000ml of S12123 + 1.30000ml of S12124 + 1.30000ml of S12450 + 1.30000ml of S12452 + 1.40000ml of S12125 + 163.00000ml of E3780 = Final Quantity: 200.000 ml

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	01/03/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19510-5 / Sodium Hydroxide Pellets 2.5 Kg, Pk of 4	23B1556310	12/31/2025	12/04/2023 / Rajesh	12/01/2023 / Rajesh	E3657

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	23H14626005	11/29/2024	05/29/2024 / Rajesh	05/23/2024 / Rajesh	E3744

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24C0162011	11/25/2024	05/25/2024 / Rajesh	05/08/2024 / Rajesh	E3746

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24E2462004	01/08/2025	07/08/2024 / Rajesh	06/21/2024 / Rajesh	E3768

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	23H1462005	02/10/2025	08/10/2024 / Rajesh	07/24/2024 / Rajesh	E3780

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24F1062004	02/01/2025	08/01/2024 / Rajesh	07/16/2024 / Rajesh	E3786

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	24G0862022	02/13/2025	08/13/2024 / Rajesh	08/07/2024 / Rajesh	E3787

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	0000250349	12/15/2024	01/06/2022 / mohan	09/18/2021 / mohan	M5037

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-112090-04 / CLP Acid Surrogate Solution, 7500 mg/L, 1ml	440246	09/29/2024	03/29/2024 / Jagrut	12/09/2021 / Christian	S10102

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-112090-04 / CLP Acid Surrogate Solution, 7500 mg/L, 1ml	440246	02/08/2025	08/08/2024 / Jagrut	12/09/2021 / Christian	S10103

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31615 / SV Mixture, GC/MS Tuning Mixture, CH2Cl2, 1mL,	A0182667	01/15/2025	07/15/2024 / Rahul	03/18/2022 / Christian	S10247

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0185300	10/26/2024	04/26/2024 / Rahul	05/18/2022 / Christian	S10398

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555868 / Custom Standard, Benzidine Std [CS 5328-1]	A0186373	02/12/2025	08/12/2024 / Rahul	07/05/2022 / Christian	S10583

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ampul	A0188108	08/31/2030	05/31/2024 / Jagrut	12/28/2022 / Christian	S10972

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ampul	A0188108	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S10973

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ampul	A0188108	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S10974

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ampul	A0188108	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S10975

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0188108	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S10976

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0188108	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S10977

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0189418	08/31/2028	05/31/2024 / Jagrut	12/28/2022 / Christian	S10996

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0189418	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S10997

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0189418	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S10998

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0189418	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S10999

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0189418	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S11000

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0189418	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S11001

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0189418	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S11002

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0189418	11/30/2024	05/31/2024 / Jagrut	12/28/2022 / Christian	S11003

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555872 / Custom Standard, pentachlorophenol Std [CS 5328-5]	A0193449	10/26/2024	04/26/2024 / Rahul	01/13/2023 / Christian	S11012

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010074-07 / 3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 ml, (Maximum Expiration: 180 days)	406703	02/08/2025	08/08/2024 / Jagrut	02/07/2023 / Christian	S11084

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110817-01 / Custom 8270 Mix, 4-55, 1000 mg/L, 1 ml, (Maximum Expiration: 90 Days)	414125	01/09/2025	07/09/2024 / Jagrut	02/07/2023 / Christian	S11092

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110817-01 / Custom 8270 Mix, 4-55, 1000 mg/L, 1 ml, (Maximum Expiration: 90 Days)	414125	02/08/2025	08/08/2024 / Jagrut	02/07/2023 / Christian	S11093

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-110381-01 / 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1ml	495831	01/09/2025	07/09/2024 / Jagrut	02/07/2023 / Christian	S11096

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-110381-01 / 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1ml	495831	02/08/2025	08/08/2024 / Jagrut	02/07/2023 / Christian	S11097

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days)	495833	01/09/2025	07/09/2024 / Jagrut	02/07/2023 / Christian	S11102

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days)	495833	02/08/2025	08/08/2024 / Jagrut	02/07/2023 / Christian	S11103

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3]	A0194698	02/12/2025	08/12/2024 / Rahul	02/20/2023 / Christian	S11138

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555869 / Custom Standard, hexachlorocyclopentadiene Std [CS 5328-2]	A0194702	02/12/2025	08/12/2024 / Rahul	02/20/2023 / Christian	S11141

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010074-07 / 3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 ml, (Maximum Expiration: 180 days)	406703	01/09/2025	07/09/2024 / Jagrut	03/06/2023 / Christian	S11148

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110094-02 / CLP Base/Neutral Surrogate Solution, 5000 mg/L, 1ml	503442	08/26/2024	07/09/2024 / Jagrut	07/26/2023 / yogesh	S11434

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110094-02 / CLP Base/Neutral Surrogate Solution, 5000 mg/L, 1ml	506889	02/08/2025	08/08/2024 / Jagrut	08/11/2023 / Yogesh	S11494

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0201940	02/12/2025	08/12/2024 / Rahul	09/18/2023 / Kiran	S11555

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0201940	02/12/2025	08/12/2024 / Rahul	09/18/2023 / Kiran	S11561

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0201940	12/05/2024	06/05/2024 / Rahul	09/18/2023 / Kiran	S11566

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0201940	02/12/2025	08/12/2024 / Rahul	09/18/2023 / Kiran	S11567

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	12/14/2024	06/14/2024 / Rahul	11/21/2023 / Rahul	S11766

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	01/12/2025	07/12/2024 / Rahul	11/21/2023 / Rahul	S11767

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	02/12/2025	08/12/2024 / Rahul	11/21/2023 / Rahul	S11768

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	02/12/2025	08/12/2024 / Rahul	11/21/2023 / Rahul	S11769

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	02/12/2025	08/12/2024 / Rahul	11/21/2023 / Rahul	S11770

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0201320	01/01/2025	07/01/2024 / Rahul	12/21/2023 / Rahul	S12033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0201320	02/07/2025	08/07/2024 / anahy	12/21/2023 / Rahul	S12039

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0201320	02/13/2025	08/13/2024 / anahy	12/21/2023 / Rahul	S12041

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110816-01 / Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL, (Maximum Expiration: 180 Days)	414127	01/09/2025	07/09/2024 / Jagrut	01/31/2024 / Rahul	S12076

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110816-01 / Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL, (Maximum Expiration: 180 Days)	414127	02/08/2025	08/08/2024 / Jagrut	01/31/2024 / Rahul	S12077

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0207706	01/09/2025	07/09/2024 / Jagrut	02/05/2024 / Rahul	S12097

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0207706	02/12/2025	08/12/2024 / Rahul	02/05/2024 / Rahul	S12098

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0207706	02/12/2025	08/12/2024 / Rahul	02/05/2024 / Rahul	S12099

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0207706	02/12/2025	08/12/2024 / Rahul	02/05/2024 / Rahul	S12100

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0207706	02/12/2025	08/12/2024 / Rahul	02/05/2024 / Rahul	S12101

[CS 4978-2]

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0207706	02/12/2025	08/12/2024 / Rahul	02/05/2024 / Rahul	S12102

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0207706	02/12/2025	08/12/2024 / Rahul	02/05/2024 / Rahul	S12103

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0207706	02/12/2025	08/12/2024 / Rahul	02/05/2024 / Rahul	S12104

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0207706	02/12/2025	08/12/2024 / Rahul	02/05/2024 / Rahul	S12105

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-010223-01 / 1,4-Dioxane Solution, 2,000mg/L, 1ml	454157	01/09/2025	07/09/2024 / Jagrut	03/08/2024 / Rahul	S12112

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0203726	12/05/2024	06/05/2024 / Rahul	03/15/2024 / Rahul	S12117

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	04/30/2025	01/10/2025 / Jagrut	03/15/2024 / Rahul	S12118

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	02/12/2025	08/12/2024 / Rahul	03/15/2024 / Rahul	S12119

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	02/12/2025	08/12/2024 / Rahul	03/15/2024 / Rahul	S12120

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	02/12/2025	08/12/2024 / Rahul	03/15/2024 / Rahul	S12121

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	02/12/2025	08/12/2024 / Rahul	03/15/2024 / Rahul	S12122

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	02/12/2025	08/12/2024 / Rahul	03/15/2024 / Rahul	S12123

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	02/12/2025	08/12/2024 / Rahul	03/15/2024 / Rahul	S12124

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	02/12/2025	08/12/2024 / Rahul	03/15/2024 / Rahul	S12125

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	02/12/2025	08/12/2024 / Rahul	03/15/2024 / Rahul	S12126

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	02/12/2025	08/12/2024 / Rahul	07/23/2024 / RAHUL	S12449

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	02/12/2025	08/12/2024 / Rahul	07/23/2024 / RAHUL	S12450

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	02/12/2025	08/12/2024 / Rahul	07/23/2024 / RAHUL	S12451

[CS 4978-1]

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	02/12/2025	08/12/2024 / Rahul	07/23/2024 / RAHUL	S12452

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0214021	02/12/2025	08/12/2024 / Rahul	07/23/2024 / RAHUL	S12453

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112



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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010074-07	406703	≤ -10 °C	Methylene Chloride	3/30/2025	3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
3,3'-dichlorobenzidine	91-94-1	99.5	74.3.26P	989 ± 7.53

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to
S11088

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Certified By: Jacob Mulloy
Jacob Mulloy
Chemist

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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010074-07	406703	≤ -10 °C	Methylene Chloride	3/30/2025	3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
3,3'-dichlorobenzidine	91-94-1	99.5	74.3.26P	989 ± 7.53

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Certified By: Jacob Mulloy
Jacob Mulloy
Chemist

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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110817-01	414125	≤ -10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-55, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acetophenone	98-86-2	99.2	85.8.1P	998 ± 11.5
benzoic acid	65-85-0	100	123.7.1P	1010 ± 5.88
biphenyl	92-52-4	99.9	366.29.1P	999 ± 5.82
1,2,4,5-tetrachlorobenzene	95-94-3	99.7	53.7.2P	993 ± 5.79

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to
S11093

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Certified By: 
Shane Overcash
Chemist

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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110817-01	414125	≤ -10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-55, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acetophenone	98-86-2	99.2	85.8.1P	998 ± 11.5
benzoic acid	65-85-0	100	123.7.1P	1010 ± 5.88
biphenyl	92-52-4	99.9	366.29.1P	999 ± 5.82
1,2,4,5-tetrachlorobenzene	95-94-3	99.7	53.7.2P	993 ± 5.79

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Catalog No.: Z-112090	Lot No.: 440246	Storage: ≤ -10 °C	Solvent: Methylene Chloride	Exp. Date: 2/16/2026	Description: CLP Acid Surrogate Solution, 7,500 mg/L, 1 mL
-04					

<u>Compound</u>	<u>CAS No.</u>	<u>Purity (%)</u>	<u>Compound Lot No.</u>	<u>Concentration, mg/L</u>
2-chlorophenol-d ₄	93951-73-6	99.3	248.12.7P	7487 ± 17.2
2-fluorophenol	367-12-4	99.8	10.7.3.3P	7513 ± 17.26
phenol-d ₆	13127-88-3	99.9	949.120.8P	7481 ± 17.19
2,4,6-tribromophenol	118-79-6	99.8	12.1.6P	7469 ± 17.17

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Certified By:

Erica Castiglione
Chemist

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Catalog No.: Z-112090	Lot No.: 440246	Storage: ≤ -10 °C	Solvent: Methylene Chloride	Exp. Date: 2/16/2026	Description: CLP Acid Surrogate Solution, 7,500 mg/L, 1 mL
-04					

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
2-chlorophenol-d ₄	93951-73-6	99.3	248.12.7P	7487 ± 17.2
2-fluorophenol	367-12-4	99.8	10.7.3.3P	7513 ± 17.26
phenol-d ₆	13127-88-3	99.9	949.120.8P	7481 ± 17.19
2,4,6-tribromophenol	118-79-6	99.8	12.1.6P	7469 ± 17.17

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Certified By:

Erica Castiglione
Chemist

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Catalog No.: Lot No.: Storage: Solvent: Exp. Date: Description:
Z-110381-01 495831 ≤ -10 °C Methylene Chloride 10/30/2027 Method 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acenaphthene	83-32-9	99.9	13.1.5P	1003 ± 17.27
acenaphthylene	208-96-8	97.6	14.290.1P	999.8 ± 17.22
aniline	62-53-3	99.9	64.7.1P	995 ± 17.13
anthracene	120-12-7	99.5	15.7.1P	1001 ± 17.24
azobenzene	103-33-3	98.1	252.7.2P	999.1 ± 17.21
benzo[a]anthracene	56-55-3	100	16.7.3P	1001 ± 17.24
benzo[b]fluoranthene	205-99-2	99.8	17.421.3P	1001 ± 19.91
benzo[k]fluoranthene	207-08-9	98.9	18.421.4P	1001 ± 17.92
benzo[ghi]perylene	191-24-2	93	19.286.4P	999.6 ± 19.88
benzo[a]pyrene	50-32-8	97	20.286.2P	999.1 ± 26.35
benzyl alcohol	100-51-6	99.9	65.18.1P	1001 ± 17.24
bis(2-chloroethoxy)methane	111-91-1	99.1	31.3.15P	999.7 ± 17.89
bis(2-chloroethyl)ether	111-44-4	99.8	32.7.1P	1001 ± 17.23
bis(2-chloro-1-methylethyl) ether	108-60-1	99.5	34.3.13P	999.5 ± 17.89
bis(2-ethylhexyl)adipate	103-23-1	99.5	874.7.1P	999.5 ± 17.21
bis(2-ethylhexyl)phthalate	117-81-7	99.4	33.29.1P	998.8 ± 19.86
4-bromophenyl phenyl ether	101-55-3	99.4	35.7.1P	999.1 ± 17.2
butyl benzyl phthalate	85-68-7	98.4	36.1.6P	984.7 ± 19.58
carbazole	86-74-8	99.4	239.7.2P	1000 ± 17.22

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Brianna Smith

Certified By: _____

Brianna Smith
Chemist

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Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.

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Catalog No.: Z-110381-01

Lot No.: 495831

Expiration Date: 10/30/2027

<u>Compound</u>	<u>CAS No.</u>	<u>Purity (%)</u>	<u>Compound Lot No.</u>	<u>Concentration, mg/L</u>
1,2,4-trichlorobenzene	120-82-1	99.6	54.29.1P	1000 ± 17.22
2,4,5-trichlorophenol	95-95-4	96.5	121.7.1.1P	1000 ± 17.22
2,4,6-trichlorophenol	88-06-2	99.6	113.7.1P	1002 ± 17.25

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Certified By:

Briana Smith
Chemist

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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110381-01	495831	≤ -10 °C	Methylene Chloride	10/30/2027	Method 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acenaphthene	83-32-9	99.9	13.1.5P	1003 ± 17.27
acenaphthylene	208-96-8	97.6	14.290.1P	999.8 ± 17.22
aniline	62-53-3	99.9	64.7.1P	995 ± 17.13
anthracene	120-12-7	99.5	15.7.1P	1001 ± 17.24
azobenzene	103-33-3	98.1	252.7.2P	999.1 ± 17.21
benzo[a]anthracene	56-55-3	100	16.7.3P	1001 ± 17.24
benzo[b]fluoranthene	205-99-2	99.8	17.421.3P	1001 ± 19.91
benzo[k]fluoranthene	207-08-9	98.9	18.421.4P	1001 ± 17.92
benzo[ghi]perylene	191-24-2	93	19.286.4P	999.6 ± 19.88
benzo[a]pyrene	50-32-8	97	20.286.2P	999.1 ± 26.35
benzyl alcohol	100-51-6	99.9	65.18.1P	1001 ± 17.24
bis(2-chloroethoxy)methane	111-91-1	99.1	31.3.15P	999.7 ± 17.89
bis(2-chloroethyl)ether	111-44-4	99.8	32.7.1P	1001 ± 17.23
bis(2-chloro-1-methylethyl) ether	108-60-1	99.5	34.3.13P	999.5 ± 17.89
bis(2-ethylhexyl)adipate	103-23-1	99.5	874.7.1P	999.5 ± 17.21
bis(2-ethylhexyl)phthalate	117-81-7	99.4	33.29.1P	998.8 ± 19.86
4-bromophenyl phenyl ether	101-55-3	99.4	35.7.1P	999.1 ± 17.2
butyl benzyl phthalate	85-68-7	98.4	36.1.6P	984.7 ± 19.58
carbazole	86-74-8	99.4	239.7.2P	1000 ± 17.22

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: _____

Briana Smith
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.

Certificate of Analysis

Catalog No.: Z-110381-01

Lot No.: 495831

Expiration Date: 10/30/2027

<u>Compound</u>	<u>CAS No.</u>	<u>Purity (%)</u>	<u>Compound Lot No.</u>	<u>Concentration, mg/L</u>
1,2,4-trichlorobenzene	120-82-1	99.6	54.29.1P	1000 ± 17.22
2,4,5-trichlorophenol	95-95-4	96.5	121.7.1.1P	1000 ± 17.22
2,4,6-trichlorophenol	88-06-2	99.6	113.7.1P	1002 ± 17.25

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*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA



Certified By:

Briana Smith
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.



5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0

Page 1 of 1

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010442-07	495833	≤ -10 °C	Methylene Chloride	1/16/2028	Benzaldehyde Solution, 1000 mg/L, 1.3 mL

<u>Compound</u>	<u>CAS No.</u>	<u>Purity (%)</u>	<u>Compound Lot No.</u>	<u>Concentration, mg/L</u>
benzaldehyde	100-52-7	98.3	442.421.1P	996.8 ± 11.49

Received on
02/07/23
by CG

S11101
to
S11103

*Not a certified value

Certified By: _____

Scott Hunter
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.



5580 Skylane Blvd
Santa Rosa, CA 95403

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

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(800)878-7654 Toll Free
(707)545-7901 Fax

Date Received: _____

Certificate of Analysis

Rev 0

Page 1 of 1

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010442-07	495833	≤ -10 °C	Methylene Chloride	1/16/2028	Benzaldehyde Solution, 1000 mg/L, 1.3 mL

<u>Compound</u>	<u>CAS No.</u>	<u>Purity (%)</u>	<u>Compound Lot No.</u>	<u>Concentration, mg/L</u>
benzaldehyde	100-52-7	98.3	442.421.1P	996.8 ± 11.49

Received on
02/07/23
by CG

S11101
to
S11103

*Not a certified value

Certified By:

Scott Hunter
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.



CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Received on
03/10/22
by
CG
S10242
to
S10247

Catalog No. : 31615 **Lot No.:** A0182667

Description : GC/MS Tuning Mixture
GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2025 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)			
1	Pentachlorophenol	1,003.6 µg/mL	+/-	5.8897	µg/mL	Gravimetric
	CAS # 87-86-5 (Lot 211229RSR)		+/-	45.7132	µg/mL	Unstressed
	Purity 99%		+/-	66.0037	µg/mL	Stressed
2	DFTPP (Decafluorotriphenylphosphine)	1,006.6 µg/mL	+/-	5.9074	µg/mL	Gravimetric
	CAS # 5074-71-5 (Lot Q117-147)		+/-	45.8508	µg/mL	Unstressed
	Purity 95%		+/-	66.2023	µg/mL	Stressed
3	Benzidine	1,008.4 µg/mL	+/-	5.9179	µg/mL	Gravimetric
	CAS # 92-87-5 (Lot 211228JLM)		+/-	45.9318	µg/mL	Unstressed
	Purity 99%		+/-	66.3193	µg/mL	Stressed
4	4,4'-DDT	1,007.6 µg/mL	+/-	5.9132	µg/mL	Gravimetric
	CAS # 50-29-3 (Lot 210916JLM)		+/-	45.8954	µg/mL	Unstressed
	Purity 99%		+/-	66.2667	µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

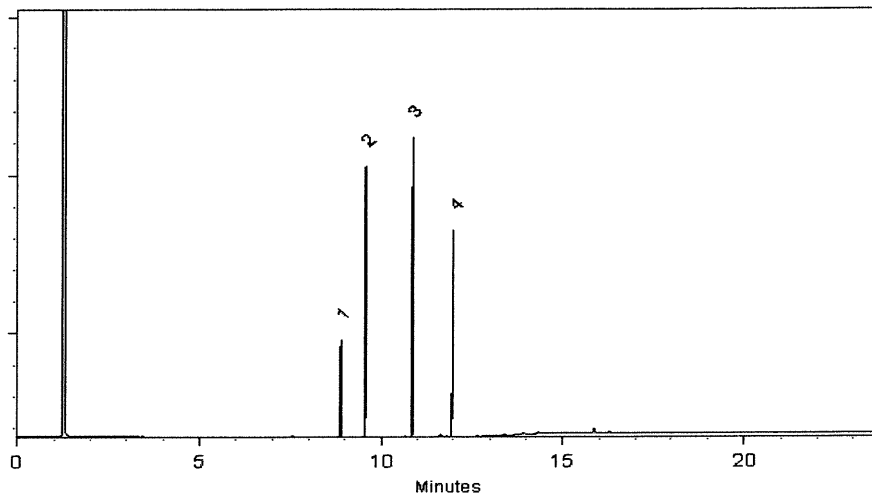
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 08-Mar-2022 **Balance:** B345965662

Marlina Cowan - Operations Tech I

Date Passed: 10-Mar-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

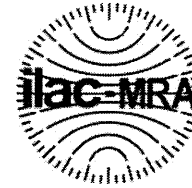


CERTIFIED REFERENCE MATERIAL

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Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Gravimetric Certificate



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555871 **Lot No.:** A0185300

Description : Custom 4-Nitrophenol Standard
Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2025 **Storage:** 10°C or colder
Ship: Ambient

Received by
CG ON
05/18/22
S10393
+U
S10402

CERTIFIED VALUES

Component #	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)			
1	4-Nitrophenol CAS # 100-02-7 Purity 99% (Lot MKCN1089)	25,060.0 µg/mL	+/-	231.9100	µg/mL	Gravimetric
			+/-	753.2622	µg/mL	Unstressed
			+/-	905.6020	µg/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Katelyn McGinni - Operations Tech I

Date Mixed: 16-May-2022 Balance: 1128342314

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k \sqrt{U_{gravimetric}^2 + U_{homogeneity}^2 + U_{storage\ stability}^2 + U_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.



CERTIFIED REFERENCE MATERIAL

110 Benner Circle
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Gravimetric Certificate



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Received by
CG
on
07/05/22
S 10583
to
S 10592

Catalog No. : 555868 **Lot No.:** A0186373

Description : Custom Benzidine Standard
Custom Benzidine Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2025 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Benzidine CAS # 92-87-5 Purity 99% (Lot 220511RSR)	25,200.0 µg/mL	+/- 233.2055	µg/mL	Gravimetric
			+/- 351.6606	µg/mL	Unstressed
			+/- 512.6054	µg/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Tom Suckal - Mix Technician

Date Mixed: 16-Jun-2022 Balance: 1122030677

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ μ ECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k \sqrt{U_{gravimetric}^2 + U_{homogeneity}^2 + U_{storage\ stability}^2 + U_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.



CERTIFIED REFERENCE MATERIAL

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Certificate of Analysis



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Received by
CG on
12/28/22
S10951
FO
S10980

Catalog No. : 31087 **Lot No.:** A0188108

Description : Acid Surrogate Mix (4/89 SOW)
Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2030 **Storage:** 10°C or colder
Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
			Value	Unit	Method
1	2-Fluorophenol CAS # 367-12-4 Purity 99% (Lot STBF3761V)	10,088.5 µg/mL	+/- 58.6554	µg/mL	Gravimetric
			+/- 294.4162	µg/mL	Unstressed
			+/- 357.2628	µg/mL	Stressed
2	Phenol-d6 CAS # 13127-88-3 Purity 99% (Lot PR-31262)	10,043.3 µg/mL	+/- 58.3923	µg/mL	Gravimetric
			+/- 293.0957	µg/mL	Unstressed
			+/- 355.6603	µg/mL	Stressed
3	2,4,6-Tribromophenol CAS # 118-79-6 Purity 99% (Lot MKCJ7664)	10,010.0 µg/mL	+/- 58.1990	µg/mL	Gravimetric
			+/- 292.1253	µg/mL	Unstressed
			+/- 354.4829	µg/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

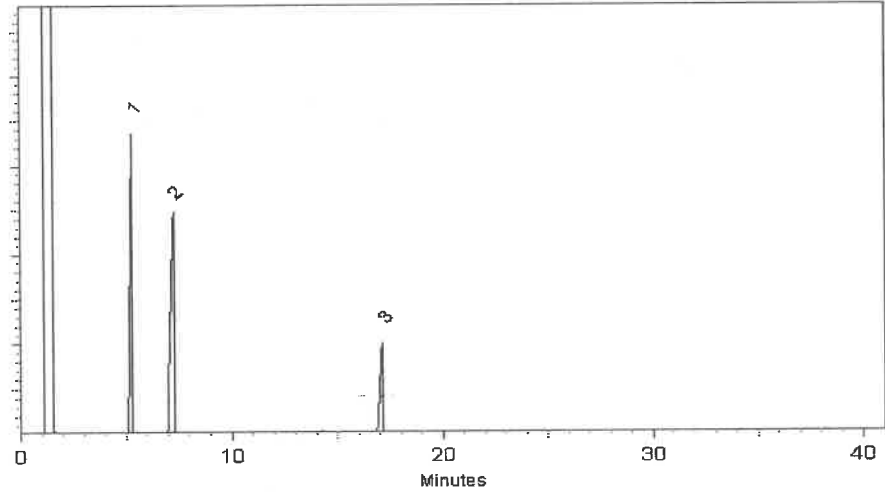
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Morgan Craighead - Mix Technician

Date Mixed: 02-Aug-2022 **Balance:** 1127510105


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 05-Aug-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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Received by
CG on
12/28/22
S10951
FO
S10980

Catalog No. : 31087 **Lot No.:** A0188108

Description : Acid Surrogate Mix (4/89 SOW)
Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2030 **Storage:** 10°C or colder
Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)			
			Value	Unit	Method	Notes
1	2-Fluorophenol CAS # 367-12-4 Purity 99% (Lot STBF3761V)	10,088.5 µg/mL	+/- 58.6554	µg/mL	Gravimetric	
			+/- 294.4162	µg/mL	Unstressed	
			+/- 357.2628	µg/mL	Stressed	
2	Phenol-d6 CAS # 13127-88-3 Purity 99% (Lot PR-31262)	10,043.3 µg/mL	+/- 58.3923	µg/mL	Gravimetric	
			+/- 293.0957	µg/mL	Unstressed	
			+/- 355.6603	µg/mL	Stressed	
3	2,4,6-Tribromophenol CAS # 118-79-6 Purity 99% (Lot MKCJ7664)	10,010.0 µg/mL	+/- 58.1990	µg/mL	Gravimetric	
			+/- 292.1253	µg/mL	Unstressed	
			+/- 354.4829	µg/mL	Stressed	

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

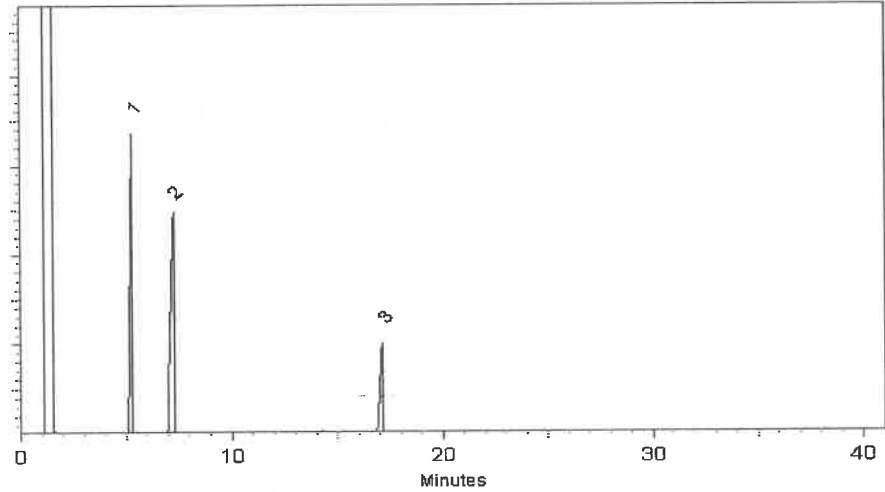
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Morgan Craighead - Mix Technician

Date Mixed: 02-Aug-2022 **Balance:** 1127510105


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 05-Aug-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



CERTIFIED REFERENCE MATERIAL

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Certificate of Analysis



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Received by
CG on
12/28/22
S10951
FO
S10980

Catalog No. : 31087 **Lot No.:** A0188108

Description : Acid Surrogate Mix (4/89 SOW)
Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2030 **Storage:** 10°C or colder
Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
			Value	Unit	Method
1	2-Fluorophenol CAS # 367-12-4 Purity 99% (Lot STBF3761V)	10,088.5 µg/mL	+/- 58.6554	µg/mL	Gravimetric
			+/- 294.4162	µg/mL	Unstressed
			+/- 357.2628	µg/mL	Stressed
2	Phenol-d6 CAS # 13127-88-3 Purity 99% (Lot PR-31262)	10,043.3 µg/mL	+/- 58.3923	µg/mL	Gravimetric
			+/- 293.0957	µg/mL	Unstressed
			+/- 355.6603	µg/mL	Stressed
3	2,4,6-Tribromophenol CAS # 118-79-6 Purity 99% (Lot MKCJ7664)	10,010.0 µg/mL	+/- 58.1990	µg/mL	Gravimetric
			+/- 292.1253	µg/mL	Unstressed
			+/- 354.4829	µg/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

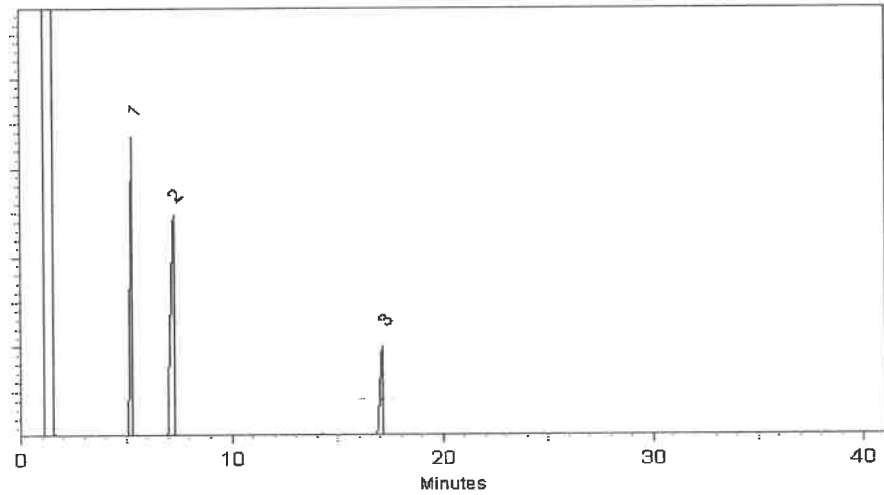
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



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Morgan Craighead - Mix Technician

Date Mixed: 02-Aug-2022 **Balance:** 1127510105


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 05-Aug-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Received by
CG on
12/28/22
S10951
FO
S10980

Catalog No. : 31087 **Lot No.:** A0188108

Description : Acid Surrogate Mix (4/89 SOW)
Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2030 **Storage:** 10°C or colder
Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	2-Fluorophenol CAS # 367-12-4 Purity 99% (Lot STBF3761V)	10,088.5 µg/mL	+/-	58.6554	µg/mL Gravimetric
			+/-	294.4162	µg/mL Unstressed
			+/-	357.2628	µg/mL Stressed
2	Phenol-d6 CAS # 13127-88-3 Purity 99% (Lot PR-31262)	10,043.3 µg/mL	+/-	58.3923	µg/mL Gravimetric
			+/-	293.0957	µg/mL Unstressed
			+/-	355.6603	µg/mL Stressed
3	2,4,6-Tribromophenol CAS # 118-79-6 Purity 99% (Lot MKCJ7664)	10,010.0 µg/mL	+/-	58.1990	µg/mL Gravimetric
			+/-	292.1253	µg/mL Unstressed
			+/-	354.4829	µg/mL Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

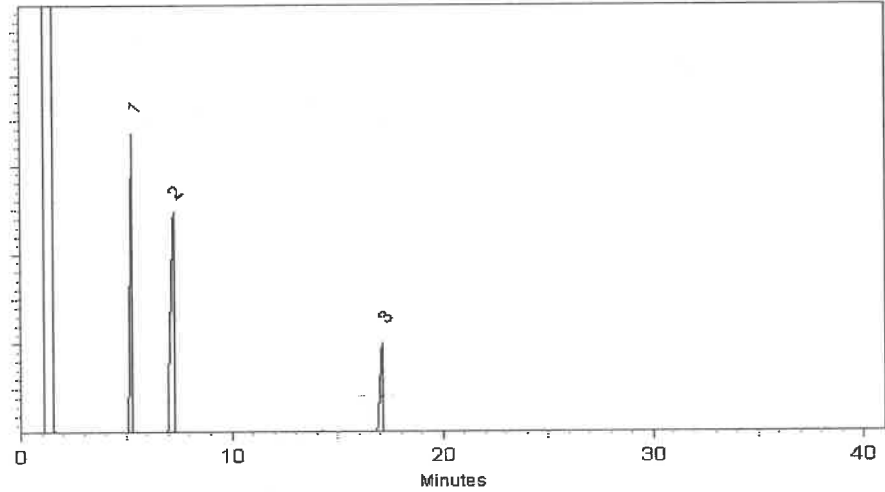
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



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Morgan Craighead - Mix Technician

Date Mixed: 02-Aug-2022 **Balance:** 1127510105


Jennifer Pollino - Operations Tech III - ARM QC

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Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2030 **Storage:** 10°C or colder
Ship: Ambient

CERTIFIED VALUES

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			+/-	294.4162	µg/mL Unstressed
			+/-	357.2628	µg/mL Stressed
2	Phenol-d6 CAS # 13127-88-3 Purity 99% (Lot PR-31262)	10,043.3 µg/mL	+/-	58.3923	µg/mL Gravimetric
			+/-	293.0957	µg/mL Unstressed
			+/-	355.6603	µg/mL Stressed
3	2,4,6-Tribromophenol CAS # 118-79-6 Purity 99% (Lot MKCJ7664)	10,010.0 µg/mL	+/-	58.1990	µg/mL Gravimetric
			+/-	292.1253	µg/mL Unstressed
			+/-	354.4829	µg/mL Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

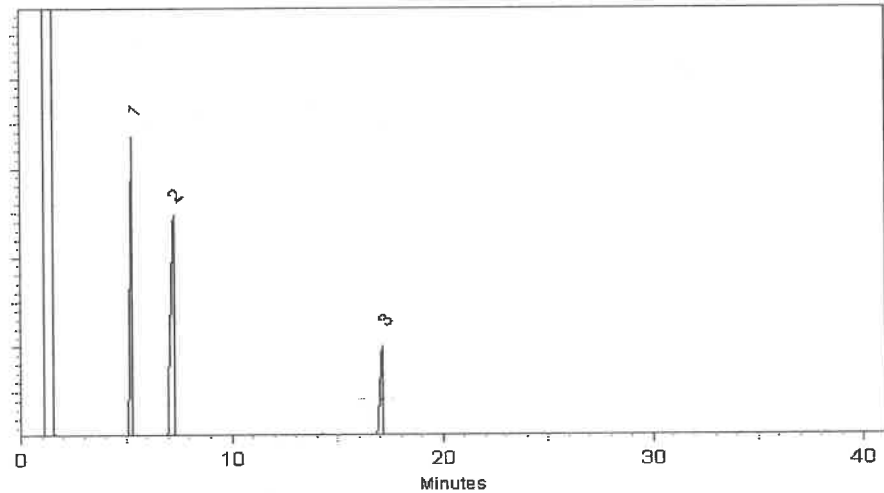
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



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Date Mixed: 02-Aug-2022 **Balance:** 1127510105


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Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2030 **Storage:** 10°C or colder
Ship: Ambient

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			+/-	294.4162	µg/mL Unstressed
			+/-	357.2628	µg/mL Stressed
2	Phenol-d6 CAS # 13127-88-3 Purity 99% (Lot PR-31262)	10,043.3 µg/mL	+/-	58.3923	µg/mL Gravimetric
			+/-	293.0957	µg/mL Unstressed
			+/-	355.6603	µg/mL Stressed
3	2,4,6-Tribromophenol CAS # 118-79-6 Purity 99% (Lot MKCJ7664)	10,010.0 µg/mL	+/-	58.1990	µg/mL Gravimetric
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			+/-	354.4829	µg/mL Stressed

Solvent: Methanol
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Purity 99%

Column:
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Rtx-5 (cat.#10223)

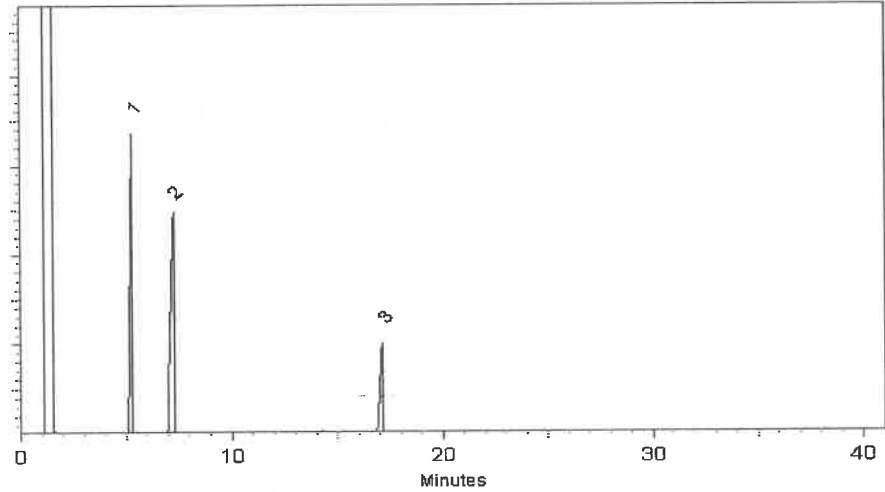
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Received by
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 S10981
 to
 S11010

Catalog No. : 31086 **Lot No.:** A0189418
Description : B/N Surrogate Mix (4/89 SOW)
Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul
Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : August 31, 2028 **Storage:** 10°C or colder
Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Nitrobenzene-d5 CAS # 4165-60-0 Purity 99% (Lot PR-29940A)	5,009.8 µg/mL	+/- 29.1271 µg/mL Gravimetric
			+/- 225.6421 µg/mL Unstressed
			+/- 250.3778 µg/mL Stressed
2	2-Fluorobiphenyl CAS # 321-60-8 Purity 99% (Lot 00021384)	5,026.6 µg/mL	+/- 29.2250 µg/mL Gravimetric
			+/- 226.4003 µg/mL Unstressed
			+/- 251.2191 µg/mL Stressed
3	p-Terphenyl-d14 CAS # 1718-51-0 Purity 99% (Lot PR-30504)	5,027.3 µg/mL	+/- 29.2289 µg/mL Gravimetric
			+/- 226.4304 µg/mL Unstressed
			+/- 251.2524 µg/mL Stressed

Solvent: Methylene chloride
 CAS # 75-09-2
 Purity 99%

Tech Tips:

Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

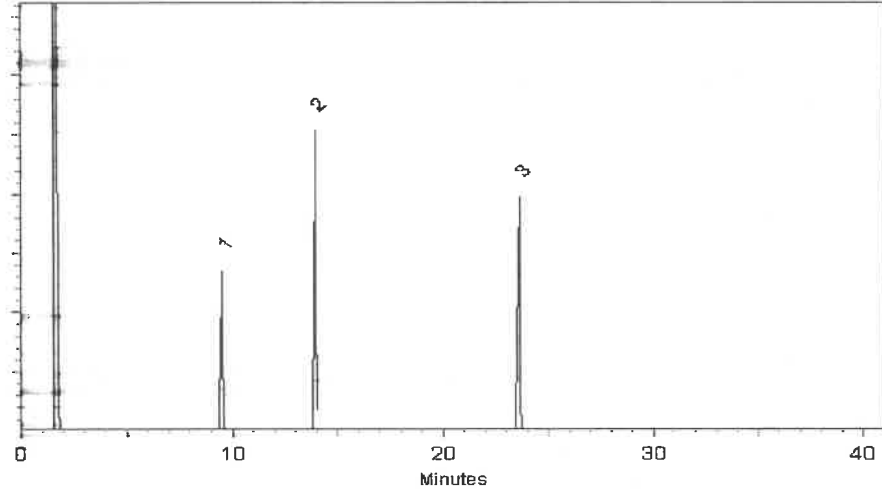
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



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John Friedline
John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

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Received by
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 12/28/22
 S10981
 to
 S11010

Catalog No. : 31086 **Lot No.:** A0189418
Description : B/N Surrogate Mix (4/89 SOW)
Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul
Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : August 31, 2028 **Storage:** 10°C or colder
Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Nitrobenzene-d5 CAS # 4165-60-0 Purity 99% (Lot PR-29940A)	5,009.8 µg/mL	+/- 29.1271 µg/mL Gravimetric
			+/- 225.6421 µg/mL Unstressed
			+/- 250.3778 µg/mL Stressed
2	2-Fluorobiphenyl CAS # 321-60-8 Purity 99% (Lot 00021384)	5,026.6 µg/mL	+/- 29.2250 µg/mL Gravimetric
			+/- 226.4003 µg/mL Unstressed
			+/- 251.2191 µg/mL Stressed
3	p-Terphenyl-d14 CAS # 1718-51-0 Purity 99% (Lot PR-30504)	5,027.3 µg/mL	+/- 29.2289 µg/mL Gravimetric
			+/- 226.4304 µg/mL Unstressed
			+/- 251.2524 µg/mL Stressed

Solvent: Methylene chloride
 CAS # 75-09-2
 Purity 99%

Tech Tips:

Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

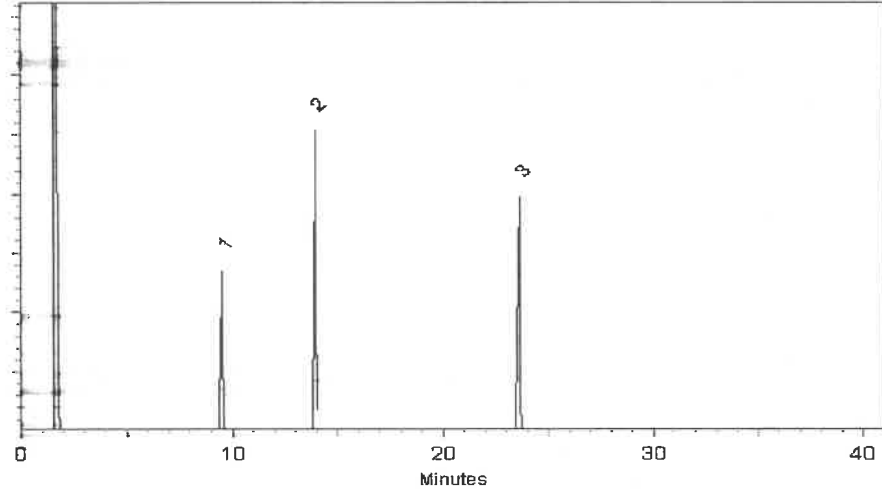
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



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John Friedline
John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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 to
 S11010

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Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : August 31, 2028 **Storage:** 10°C or colder
Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Nitrobenzene-d5 CAS # 4165-60-0 Purity 99% (Lot PR-29940A)	5,009.8 µg/mL	+/- 29.1271 µg/mL Gravimetric
			+/- 225.6421 µg/mL Unstressed
			+/- 250.3778 µg/mL Stressed
2	2-Fluorobiphenyl CAS # 321-60-8 Purity 99% (Lot 00021384)	5,026.6 µg/mL	+/- 29.2250 µg/mL Gravimetric
			+/- 226.4003 µg/mL Unstressed
			+/- 251.2191 µg/mL Stressed
3	p-Terphenyl-d14 CAS # 1718-51-0 Purity 99% (Lot PR-30504)	5,027.3 µg/mL	+/- 29.2289 µg/mL Gravimetric
			+/- 226.4304 µg/mL Unstressed
			+/- 251.2524 µg/mL Stressed

Solvent: Methylene chloride
 CAS # 75-09-2
 Purity 99%

Tech Tips:

Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

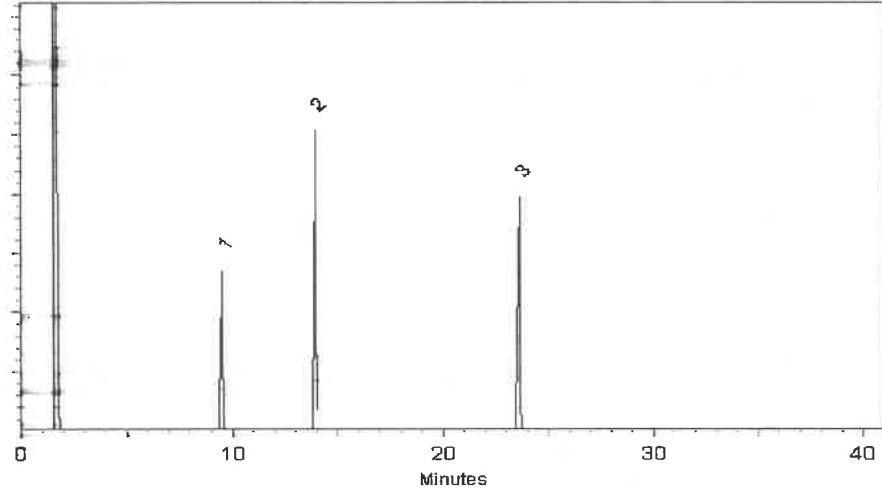
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



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John Friedline
John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

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 to
 S11010

Catalog No. : 31086 **Lot No.:** A0189418
Description : B/N Surrogate Mix (4/89 SOW)
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Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : August 31, 2028 **Storage:** 10°C or colder
Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Nitrobenzene-d5 CAS # 4165-60-0 Purity 99% (Lot PR-29940A)	5,009.8 µg/mL	+/- 29.1271 µg/mL Gravimetric
			+/- 225.6421 µg/mL Unstressed
			+/- 250.3778 µg/mL Stressed
2	2-Fluorobiphenyl CAS # 321-60-8 Purity 99% (Lot 00021384)	5,026.6 µg/mL	+/- 29.2250 µg/mL Gravimetric
			+/- 226.4003 µg/mL Unstressed
			+/- 251.2191 µg/mL Stressed
3	p-Terphenyl-d14 CAS # 1718-51-0 Purity 99% (Lot PR-30504)	5,027.3 µg/mL	+/- 29.2289 µg/mL Gravimetric
			+/- 226.4304 µg/mL Unstressed
			+/- 251.2524 µg/mL Stressed

Solvent: Methylene chloride
 CAS # 75-09-2
 Purity 99%

Tech Tips:

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Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

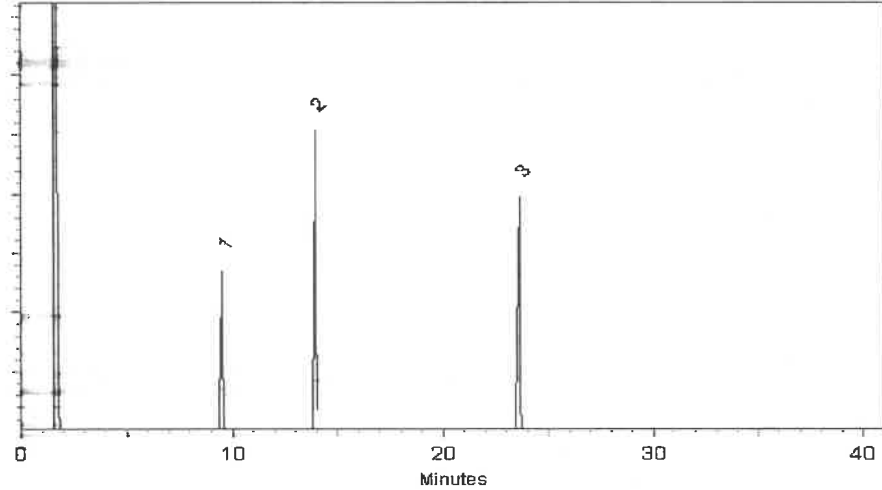
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
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Det. Type:
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John Friedline
John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

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Solvent: Methylene chloride
 CAS # 75-09-2
 Purity 99%

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Column:
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Rtx-5 (cat.#10223)

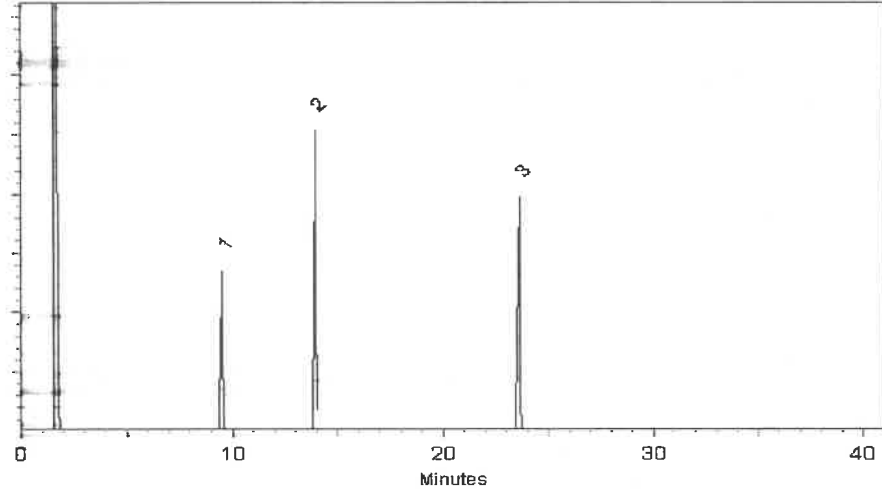
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John Friedline
John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

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Expiration Date : August 31, 2028 **Storage:** 10°C or colder
Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Nitrobenzene-d5 CAS # 4165-60-0 Purity 99% (Lot PR-29940A)	5,009.8 µg/mL	+/- 29.1271 µg/mL Gravimetric
			+/- 225.6421 µg/mL Unstressed
			+/- 250.3778 µg/mL Stressed
2	2-Fluorobiphenyl CAS # 321-60-8 Purity 99% (Lot 00021384)	5,026.6 µg/mL	+/- 29.2250 µg/mL Gravimetric
			+/- 226.4003 µg/mL Unstressed
			+/- 251.2191 µg/mL Stressed
3	p-Terphenyl-d14 CAS # 1718-51-0 Purity 99% (Lot PR-30504)	5,027.3 µg/mL	+/- 29.2289 µg/mL Gravimetric
			+/- 226.4304 µg/mL Unstressed
			+/- 251.2524 µg/mL Stressed

Solvent: Methylene chloride
 CAS # 75-09-2
 Purity 99%

Tech Tips:

Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

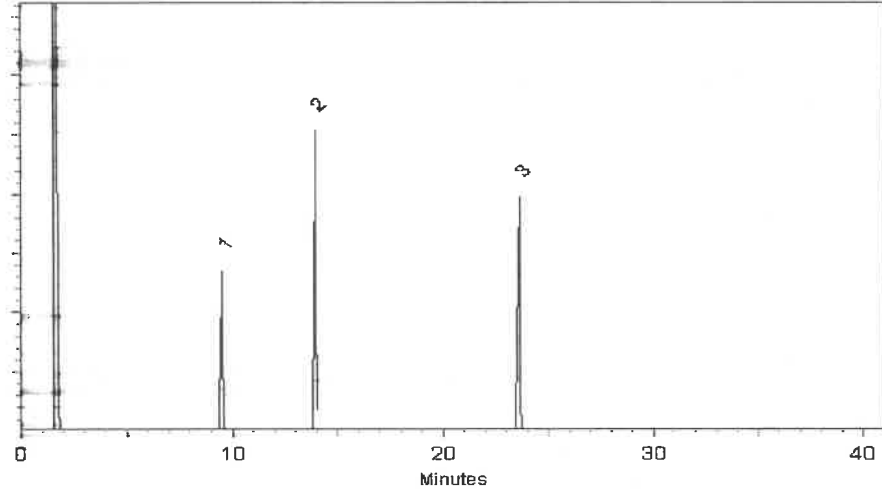
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

John Friedline

John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022

Balance: 1128353505

Jennifer Pollino

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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110 Benner Circle
 Bellefonte, PA 16823-8812
 Tel: (800)356-1688
 Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Received by
 CG on
 12/28/22
 S10981
 to
 S11010

Catalog No. : 31086 **Lot No.:** A0189418
Description : B/N Surrogate Mix (4/89 SOW)
Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul
Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : August 31, 2028 **Storage:** 10°C or colder
Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Nitrobenzene-d5 CAS # 4165-60-0 Purity 99% (Lot PR-29940A)	5,009.8 µg/mL	+/- 29.1271 µg/mL Gravimetric
			+/- 225.6421 µg/mL Unstressed
			+/- 250.3778 µg/mL Stressed
2	2-Fluorobiphenyl CAS # 321-60-8 Purity 99% (Lot 00021384)	5,026.6 µg/mL	+/- 29.2250 µg/mL Gravimetric
			+/- 226.4003 µg/mL Unstressed
			+/- 251.2191 µg/mL Stressed
3	p-Terphenyl-d14 CAS # 1718-51-0 Purity 99% (Lot PR-30504)	5,027.3 µg/mL	+/- 29.2289 µg/mL Gravimetric
			+/- 226.4304 µg/mL Unstressed
			+/- 251.2524 µg/mL Stressed

Solvent: Methylene chloride
 CAS # 75-09-2
 Purity 99%

Tech Tips:

Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

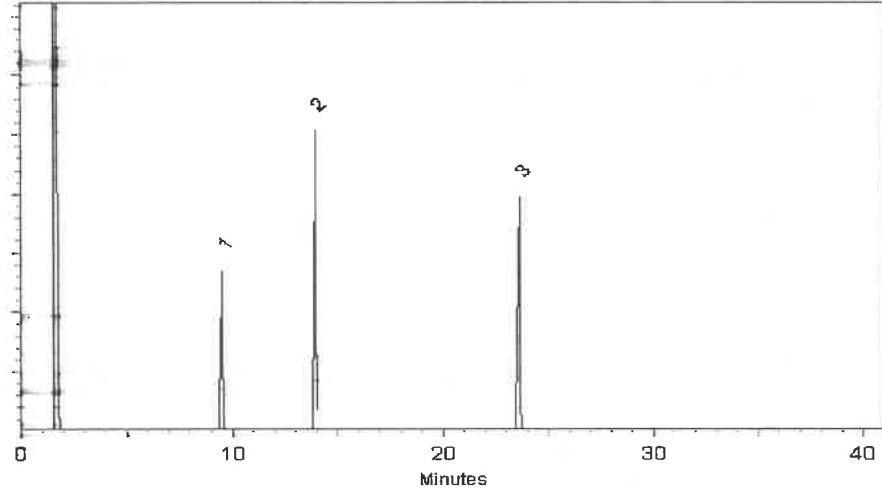
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

John Friedline
John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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Received by
 CG on
 12/28/22
 S10981
 to
 S11010

Catalog No. : 31086 **Lot No.:** A0189418
Description : B/N Surrogate Mix (4/89 SOW)
Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul
Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : August 31, 2028 **Storage:** 10°C or colder
Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Nitrobenzene-d5 CAS # 4165-60-0 Purity 99% (Lot PR-29940A)	5,009.8 µg/mL	+/- 29.1271 µg/mL Gravimetric
			+/- 225.6421 µg/mL Unstressed
			+/- 250.3778 µg/mL Stressed
2	2-Fluorobiphenyl CAS # 321-60-8 Purity 99% (Lot 00021384)	5,026.6 µg/mL	+/- 29.2250 µg/mL Gravimetric
			+/- 226.4003 µg/mL Unstressed
			+/- 251.2191 µg/mL Stressed
3	p-Terphenyl-d14 CAS # 1718-51-0 Purity 99% (Lot PR-30504)	5,027.3 µg/mL	+/- 29.2289 µg/mL Gravimetric
			+/- 226.4304 µg/mL Unstressed
			+/- 251.2524 µg/mL Stressed

Solvent: Methylene chloride
 CAS # 75-09-2
 Purity 99%

Tech Tips:

Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

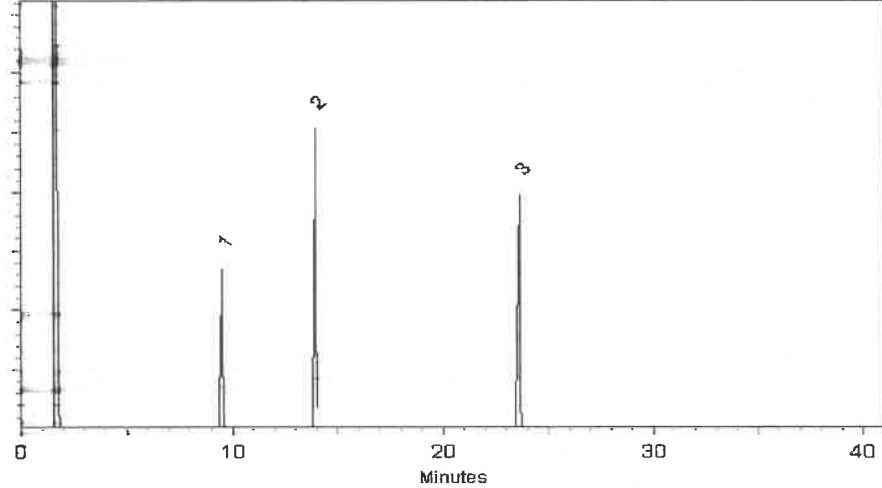
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

John Friedline
John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis
gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555872 **Lot No.:** A0193449
Description : Custom Pentachlorophenol Standard
Custom Pentachlorophenol Standard 25,000µg/mL, Methanol,
1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : January 31, 2026 **Storage:** 10°C or colder
Ship: Ambient

Received on
 01/13/23
 by
 CG
 S11011
 +0
 S11015

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP221012	99%	25,050.0 µg/mL	+/- 778.6378

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Russ Bookhamer

Russ Bookhamer - Operations Technician I

Date Mixed: 11-Jan-2023

Balance: B442140311

Manufactured under Restek's ISO 9001:2015
 Registered Quality System
 Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



110 Benner Circle
 Bellefonte, PA 16823-8812
 Tel: 1-814-353-1300
 Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis
gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555870 **Lot No.:** A0194698
Description : Custom 2,4-Dinitrophenol Standard
Custom 2,4-Dinitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : February 28, 2026 **Storage:** 10°C or colder
Ship: Ambient

CERTIFI

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)
1	2,4-Dinitrophenol	51-28-5	DR221221RSR	99%	25,195.0 µg/mL

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Russ Bookhamer - Operations Technician I

Date Mixed: 15-Feb-2023

Balance: B442140311

Manufactured under Restek®
 Registered Quality
 Certificate #FM 8

ified Reference Material Notes

es:

n date valid for unopened ampul stored in compliance with the recommended conditions.

nty, concentration, and expiration of the CRM are based on the unopened product being stored according to the ended condition found in the storage field.

d/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, LC/MS, RI, and/or melting point.

nds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A n factor is used to calculate the amount of compound necessary to achieve the desired concentration of the mpound in solution.

isomeric compounds is reported as the sum of the isomers.

lues are rounded to the nearest whole number.

rtainty Value Notes:

rtainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded ty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability ty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

erage factor of 2, which gives a level of confidence of approximately 95%.

ged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure inimum packaged amount can be sufficiently transferred.

Notes:

tion is based upon gravimetric preparation using either a balance whose calibration has been verified daily Γ traceable weights, and/or dilutions with Class A glassware.

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the unopened product, when stored in compliance with the recommended conditions, is guaranteed through ion displayed on the product label and certificate. Contact Restek for additional opened product stability n, with the knowledge/understanding that open product stability is subject to the specific handling and ntal conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with ards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom m. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, des complete instructions.

ssolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely



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 Tel: 1-814-353-1300
 Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis
gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555869 **Lot No.:** A0194702
Description : Custom Hexachlorocyclopentadiene Standard
Custom Hexachlorocyclopentadiene Standard 25,000µg/mL, Methanol,
1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : February 28, 2026 **Storage:** 10°C or colder
Ship: Ambient

CERTIFIED

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)
1	Hexachlorocyclopentadiene	77-47-4	0012019	99%	25,008.0 µg/mL

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Russ Bookhamer
 Russ Bookhamer - Operations Technician I

Date Mixed: 15-Feb-2023

Balance: B442140311

Manufactured under Restek
 Registered Quality
 Certificate #FM

Certified Reference Material Notes

Notes:

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1. Date valid for unopened ampul stored in compliance with the recommended conditions.

2. Purity, concentration, and expiration of the CRM are based on the unopened product being stored according to the intended condition found in the storage field.

3. Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, LC/MS, RI, and/or melting point.

4. Samples with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the compound in solution.

5. Total isomeric compounds is reported as the sum of the isomers.

6. Values are rounded to the nearest whole number.

Uncertainty Value Notes:

7. Uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

8. Coverage factor of 2, which gives a level of confidence of approximately 95%.

9. Certified amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure minimum packaged amount can be sufficiently transferred.

Notes:

1. Preparation is based upon gravimetric preparation using either a balance whose calibration has been verified daily with traceable weights, and/or dilutions with Class A glassware.

2. The unopened product, when stored in compliance with the recommended conditions, is guaranteed through the information displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom order. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, with complete instructions.

3. If dissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely



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MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO ₄)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

Recd. by RB on 7/29/23 E 3551

RC-02-01, Ed. 1



Certificate of Analysis

Sodium Hydroxide (Pellets)

Material: 0583
Grade: ACS GRADE
Batch Number: 23B1556310

Chemical Formula: NaOH
 Molecular Weight: 40
 CAS #: 1310-73-2
 Appearance:

Manufacture Date: 12/14/2022
 Expiration Date: 12/31/2025

Storage: Room Temperature

Pellets

TEST	SPECIFICATION	ANALYSIS	DISPOSITION
Calcium	<= 0.005 %	<0.005 %	PASS
Chloride	<= 0.005 %	0.002 %	PASS
Heavy Metals	<= 0.002 %	<0.002 %	PASS
Iron	<= 0.001 %	<0.001 %	PASS
Magnesium	<= 0.002 %	<0.002 %	PASS
Mercury	<= 0.1 ppm	<0.1 ppm	PASS
Nickel	<= 0.001 %	<0.001 %	PASS
Nitrogen Compounds	<= 0.001 %	<0.001 %	PASS
Phosphate	<= 0.001 %	<0.001 %	PASS
Potassium	<= 0.02 %	<0.02 %	PASS
Purity	>= 97.0 %	99.2 %	PASS
Sodium Carbonate	<= 1.0 %	0.5 %	PASS
Sulfate	<= 0.003 %	<0.003 %	PASS

Internal ID #: 710

Signature

Additional Information

We certify that this batch conforms to the specifications listed.

Analysis may have been rounded to significant digits in specification limits.

This document has been electronically produced and is valid without a signature.

Product meets analytical specifications of the grades listed.

Leona Edwardson, Quality Control Sr. Manager - Solon
 VWR Chemicals, LLC.
 28600 Fountain Parkway, Solon OH 44139 USA

E 3657	E 3659
E 3654	E 3660

Material No.: 9254-03
Batch No.: 23H1462005
Manufactured Date: 2023-07-26
Expiration Date: 2026-07-25
Revision No.: 0

Certificate of Analysis

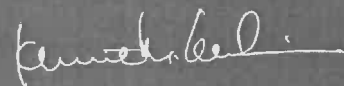
Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	≥ 99.4 %	99.7 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	≤ 0.3	0.1
Titration Base (µeq/g)	≤ 0.6	< 0.1
Water (H ₂ O)	≤ 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Rec'd by RP on 5/23/24

E 3744



Ken Koehnlein
Sr. Manager, Quality Assurance

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 24C0162011
Manufactured Date: 2024-01-04
Expiration Date: 2025-04-04
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	2
Assay (CH ₂ Cl ₂) (by GC, exclusive of preservative, corrected for water)	≥ 99.8 %	100.0 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Titration Acid (μeq/g)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	< 5 ppm
Water (by KF, coulometric)	≤ 0.02 %	< 0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC
Manufacturer source batch: MG24A04224

E 3746

Ken Koehnlein
Sr. Manager, Quality Assurance

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 24E2462004
Manufactured Date: 2024-04-10
Expiration Date: 2025-07-10
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	3
Assay (CH ₂ Cl ₂) (by GC, exclusive of preservative, corrected for water)	≥ 99.8 %	100.0 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Titration Acid (μeq/g)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	5 ppm
Water (by KF, coulometric)	≤ 0.02 %	< 0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC
Manufacturer source batch: MG24D10725

E 3768

J. Croak
 Jamie Croak
 Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA 19087, U.S.A. Phone 610.386.1700
Page 1 of 1

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis



Material No.: 9254-03
Batch No.: 23H1462005
Manufactured Date: 2023-07-26
Expiration Date: 2026-07-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	≥ 99.4 %	99.7 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	≤ 0.3	0.1
Titration Base (µeq/g)	≤ 0.6	< 0.1
Water (H ₂ O)	≤ 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RP on 7/24/24

E 3780

Ken Koehnlein
Sr. Manager, Quality Assurance

Methylene Chloride
 ULTRA RESI-ANALYZED
 For Organic Residue Analysis
 (dichloromethane)



Material No.: 9266-A4
 Batch No.: 24F1062004
 Manufactured Date: 2024-04-15
 Expiration Date: 2025-07-15
 Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	7
Assay (CH ₂ Cl ₂) (by GC, exclusive of preservative, corrected for water)	≥ 99.8 %	100.0 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Titration Acid (µeq/g)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	< 5 ppm
Water (by KF, coulometric)	≤ 0.02 %	< 0.01 %

For Laboratory, Research, or Manufacturing Use
 MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
 Packaging Site: Phillipsburg Mfg Ctr & DC
 Manufacturer source batch: MG24D15750

E 3786


 Jamie Croak
 Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
 Avantor Performance Materials, LLC
 100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700
 Page 1 of 1

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 24G0862022
Manufactured Date: 2024-06-05
Expiration Date: 2025-09-04
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	4
Assay (CH ₂ Cl ₂) (by GC, exclusive of preservative, corrected for water)	≥ 99.8 %	100.0 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titration Acid (μeq/g)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	< 5 ppm
Water (by KF, coulometric)	≤ 0.02 %	< 0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC
Manufacturer source batch: MG24F05012

E 3787

Jamie Croak
Director Quality Operations, Bioscience Production

Sulfuric Acid
 BAKER INSTRA-ANALYZED® Reagent
 For Trace Metal Analysis
 Low Selenium

*M5037-38-39-40
 NO*



Material No.: 9673-33
 Batch No.: 000250349
 Manufactured Date: 2019/12/17
 Retest Date: 2024/12/15
 Revision No: 1

Certificate of Analysis

Test	Specification	Result
ACS - Assay (H ₂ SO ₄)	95.0 - 98.0 %	96.5
Appearance	Passes Test	PT
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	1
ACS - Substances Reducing Permanganate (as SO ₂)	<= 2 ppm	< 2
Ammonium (NH ₄)	<= 1 ppm	< 1
Chloride (Cl)	<= 0.1 ppm	< 0.1
Nitrate (NO ₃)	<= 0.2 ppm	< 0.1
Phosphate (PO ₄)	<= 0.5 ppm	< 0.1
Trace Impurities - Aluminum (Al)	<= 30.0 ppb	0.2
Arsenic and Antimony (as As)	<= 4 ppb	< 2
Trace Impurities - Barium (Ba)	<= 10.0 ppb	< 1.0
Trace Impurities - Beryllium (Be)	<= 10.0 ppb	< 1.0
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 10.0 ppb	< 5.0
Trace Impurities - Cadmium (Cd)	<= 2.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	2.9
Trace Impurities - Chromium (Cr)	<= 6.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 0.5 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 10.0 ppb	< 1.0
Trace Impurities - Germanium (Ge)	<= 10.0 ppb	< 10.0
Trace Impurities - Gold (Au)	<= 10.0 ppb	< 0.2
Heavy Metals (as Pb)	<= 500 ppb	< 100

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
 Avantor Performance Materials, LLC
 100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Test	Specification	Result
Trace Impurities - Iron (Fe)	<= 50.0 ppb	4.1
Trace Impurities - Lead (Pb)	<= 0.5 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 10.0 ppb	< 1.0
Trace Impurities - Magnesium (Mg)	<= 7.0 ppb	0.4
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	< 0.1
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities - Nickel (Ni)	<= 2.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 10.0 ppb	< 1.0
Trace Impurities - Potassium (K)	<= 500.0 ppb	< 2.0
Trace Impurities - Selenium (Se)	<= 50.0 ppb	22.9
Trace Impurities - Silicon (Si)	<= 100.0 ppb	< 10.0
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 500.0 ppb	2.7
Trace Impurities - Strontium (Sr)	<= 5.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 10.0 ppb	< 5.0
Trace Impurities - Thallium (Tl)	<= 20.0 ppb	< 5.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Titanium (Ti)	<= 10.0 ppb	< 1.0
Trace Impurities - Vanadium (V)	<= 10.0 ppb	< 1.0
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	0.3
Trace Impurities - Zirconium (Zr)	<= 10.0 ppb	< 1.0

For Laboratory, Research or Manufacturing Use

Country of Origin: US
 Packaging Site: Phillipsburg Mfg Ctr & DC

James Ethier
 Jamie Ethier
 Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
 Avantor Performance Materials, LLC
 100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700



5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

511434 } Y-P
07/20/23

Date Received: _____

Certificate of Analysis

Rev 0

Page 1 of 1

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110094-02	503442	≤ -10 °C	Methylene Chloride	8/26/2024	CLP Base/Neutral Surrogate Solution, 5,000 mg/L, 1 ml

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2-dichlorobenzene-d ₄	2199-69-1	99.7	247.29.3P	5052 ± 122.61
2-fluorobiphenyl	321-60-8	99.7	8.7.1.1P	5005 ± 121.47
nitrobenzene-d ₅	4165-60-0	100	7.9.2P	5040 ± 122.21
p-terphenyl-d ₁₄	1718-51-0	99.6	9.12.9P	5027 ± 122

*Not a certified value

Certified By: Joanna Radu
Joanna Radu
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.



5580 Skylane Blvd
Santa Rosa, CA 95403

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by TUV USA to ISO 9001:2015

Date Received: _____

Certificate of Analysis

Rev 0


Page 1 of 1

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110094-02	506889	≤ -10 °C	Methylene Chloride	7/25/2028	CLP Base/Neutral Surrogate Solution, 5,000 mg/L, 1 ml

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2-dichlorobenzene-d ₄	2199-69-1	99.7	247.29.3P	5035 ± 28.02
2-fluorobiphenyl	321-60-8	99.69	8.286.1.1P	4999 ± 103.66
nitrobenzene-d ₅	4165-60-0	99.67	7.9.3P	4988 ± 27.32
p-terphenyl-d ₁₄	1718-51-0	99.3	9.120.8P	5005 ± 27.85

511494 } Y.P.
 ↓
 511498 } 08/11/2023

*Not a certified value

Certified By: 
Clint Tipton
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.



110 Benner Circle
 Bellefonte, PA 16823-8812
 Tel: 1-814-353-1300
 Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.
 This Reference Material is intended for Laboratory Use Only as a standard for
 the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 Lot No.: A0201940
 Description : Custom 8270 Plus Standard #1
 Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride,
 1mL/ampul
 Container Size : 2 mL Pkg Amt: > 1 mL
 Expiration Date : September 30, 2025 Storage: 10°C or colder
 Handling: This product is photosensitive. Ship: Ambient

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 511568 } 7.0
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CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty* (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S230321RSR	99%	1,001.0 µg/mL	+/- 22.9799
2	Atrazine	1912-24-9	5FYWL	99%	1,010.0 µg/mL	+/- 23.1865
3	Benzidine	92-87-5	S221205RSR	99%	1,008.0 µg/mL	+/- 23.1406
4	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.0 µg/mL	+/- 23.1406

Solvent: Methylene chloride
 CAS # 75-09-2
 Purity 99%

REVIEWED
 By Jennifer Polino at 7:10 am, Sep 13, 2023

Sam Moodler - Operations Tech I

Date Mixed: 13-Sep-2023 Balance: B345965662

Manufactured under Restek's ISO 9001:2015
 Registered Quality System
 Certificate #FM 80397



General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.





110 Benner Circle
 Bellefonte, PA 16823-8812
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 Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

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 gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223

Lot No.: A0201940

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : September 30, 2025

Storage: 10°C or colder

Handling: This product is photosensitive.

Ship: Ambient

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CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty* (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S230321RSR	99%	1,001.0 µg/mL	+/- 22.9799
2	Atrazine	1912-24-9	5FYWL	99%	1,010.0 µg/mL	+/- 23.1865
3	Benzidine	92-87-5	S221205RSR	99%	1,008.0 µg/mL	+/- 23.1406
4	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.0 µg/mL	+/- 23.1406

Solvent: Methylene chloride
 CAS # 75-09-2
 Purity 99%

Sam Moodler - Operations Tech I

REVIEWED
 By Jennifer Polino at 7:10 am, Sep 13, 2023

Date Mixed: 13-Sep-2023

Balance: B345965662

Manufactured under Restek's ISO 9001:2015
 Registered Quality System
 Certificate #FM 80397



General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

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- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

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k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.
 This Reference Material is intended for Laboratory Use Only as a standard for
 the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 Lot No.: A0201940
 Description : Custom 8270 Plus Standard #1
 Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride,
 1mL/ampul
 Container Size : 2 mL Pkg Amt: > 1 mL
 Expiration Date : September 30, 2025 Storage: 10°C or colder
 Handling: This product is photosensitive. Ship: Ambient

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CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty* (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S230321RSR	99%	1,001.0 µg/mL	+/- 22.9799
2	Atrazine	1912-24-9	5FYWL	99%	1,010.0 µg/mL	+/- 23.1865
3	Benzidine	92-87-5	S221205RSR	99%	1,008.0 µg/mL	+/- 23.1406
4	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.0 µg/mL	+/- 23.1406

Solvent: Methylene chloride
 CAS # 75-09-2
 Purity 99%

REVIEWED
 By Jennifer Polino at 7:10 am, Sep 13, 2023

Sam Moodler - Operations Tech I

Date Mixed: 13-Sep-2023 Balance: B345965662

Manufactured under Restek's ISO 9001:2015
 Registered Quality System
 Certificate #FM 80397



General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.





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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 Lot No.: A0201940
 Description : Custom 8270 Plus Standard #1
 Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul
 Container Size : 2 mL Pkg Amt: > 1 mL
 Expiration Date : September 30, 2025 Storage: 10°C or colder
 Handling: This product is photosensitive. Ship: Ambient

511539
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 } 09119

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty* (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S230321RSR	99%	1,001.0 µg/mL	+/- 22.9799
2	Atrazine	1912-24-9	5FYWL	99%	1,010.0 µg/mL	+/- 23.1865
3	Benzidine	92-87-5	S221205RSR	99%	1,008.0 µg/mL	+/- 23.1406
4	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.0 µg/mL	+/- 23.1406

Solvent: Methylene chloride
 CAS # 75-09-2
 Purity 99%

REVIEWED
 By Jennifer Polino at 7:10 am, Sep 13, 2023

Sam Moodler - Operations Tech I

Date Mixed: 13-Sep-2023 Balance: B345965662

Manufactured under Restek's ISO 9001:2015
 Registered Quality System
 Certificate #FM 80397



General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
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Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ μ ECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
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- Purity values are rounded to the nearest whole number.

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k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.





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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis
chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453
Description : 1,4-dioxane
1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : March 31, 2028 **Storage:** 0°C or colder
Ship: Ambient

S11749 } RC /
 ↓ }
 S11794 } 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

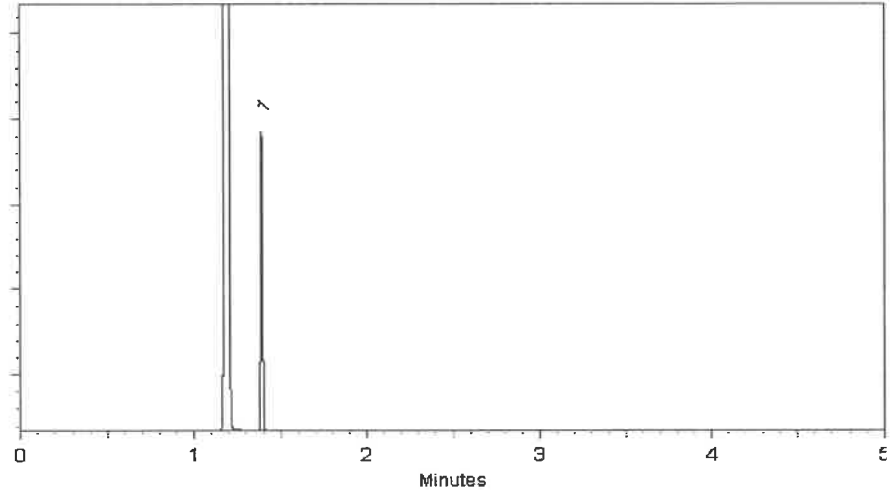
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 Balance Serial # B707717271

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ μ ECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{\text{combined uncertainty}} = k \sqrt{u_{\text{gravimetric}}^2 + u_{\text{homogeneity}}^2 + u_{\text{storage stability}}^2 + u_{\text{shipping stability}}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis
chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453
Description : 1,4-dioxane
1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : March 31, 2028 **Storage:** 0°C or colder
Ship: Ambient

S11749 } RC /
 ↓
 S11794 } 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

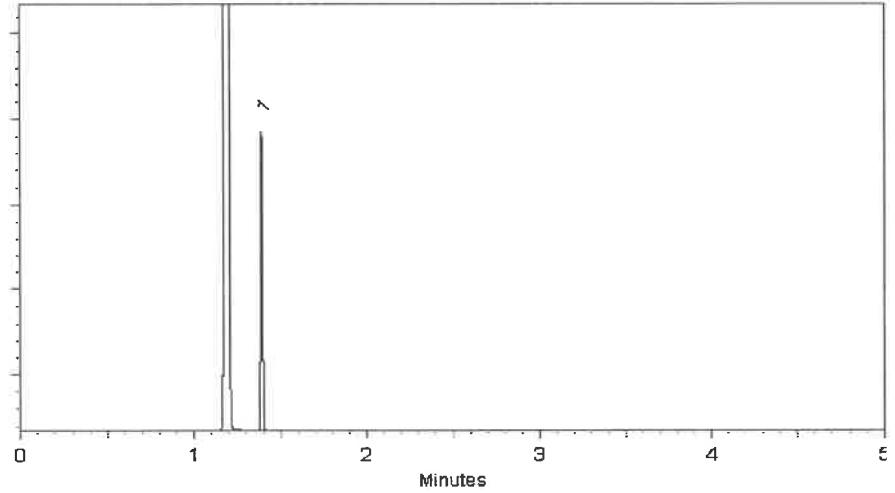
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 Balance Serial # B707717271

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{\text{combined uncertainty}} = k \sqrt{u_{\text{gravimetric}}^2 + u_{\text{homogeneity}}^2 + u_{\text{storage stability}}^2 + u_{\text{shipping stability}}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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CERTIFIED REFERENCE MATERIAL

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453
Description : 1,4-dioxane
1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : March 31, 2028 **Storage:** 0°C or colder
Ship: Ambient

S11749
 ↓
 S11794 } RC /
 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

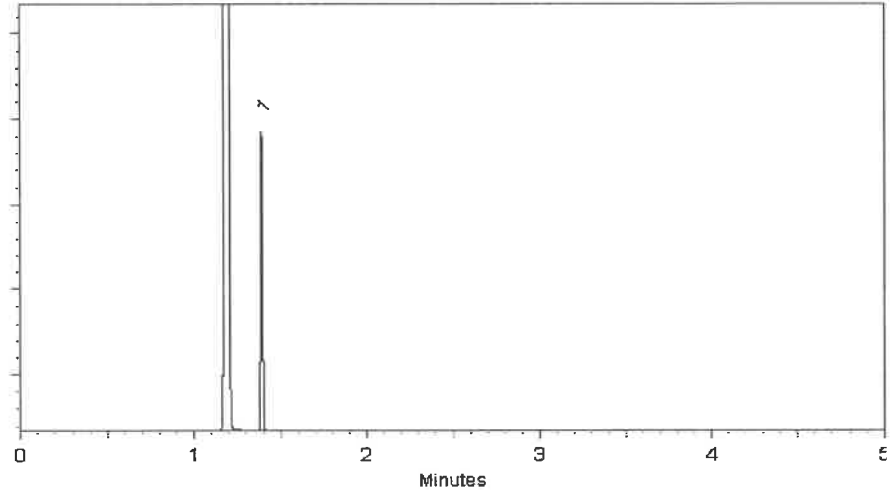
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 Balance Serial # B707717271

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

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General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
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- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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CERTIFIED REFERENCE MATERIAL

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453
Description : 1,4-dioxane
1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : March 31, 2028 **Storage:** 0°C or colder
Ship: Ambient

S11749
 ↓
 S11794 } RC / 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

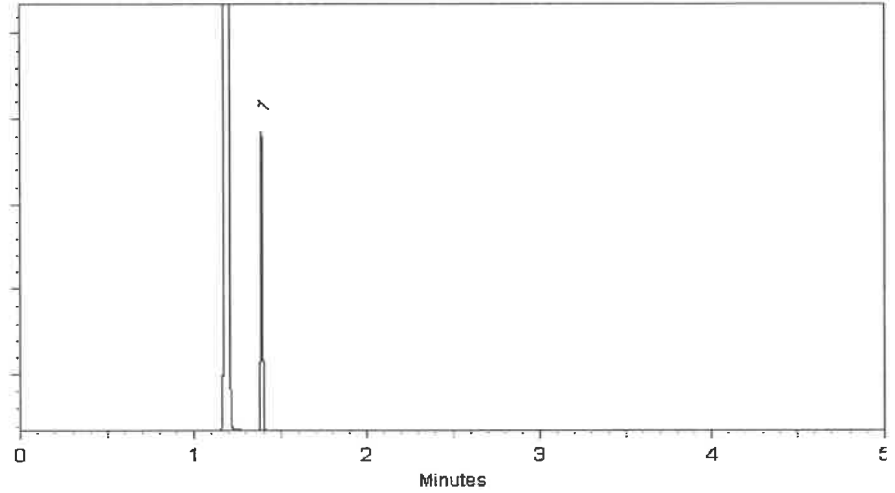
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 Balance Serial # B707717271

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
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Purity Notes:

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- Purity values are rounded to the nearest whole number.

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Manufacturing Notes:

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Handling Notes:

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis
chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453
Description : 1,4-dioxane
1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : March 31, 2028 **Storage:** 0°C or colder
Ship: Ambient

S11749 } RC /
 ↓
 S11794 } 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

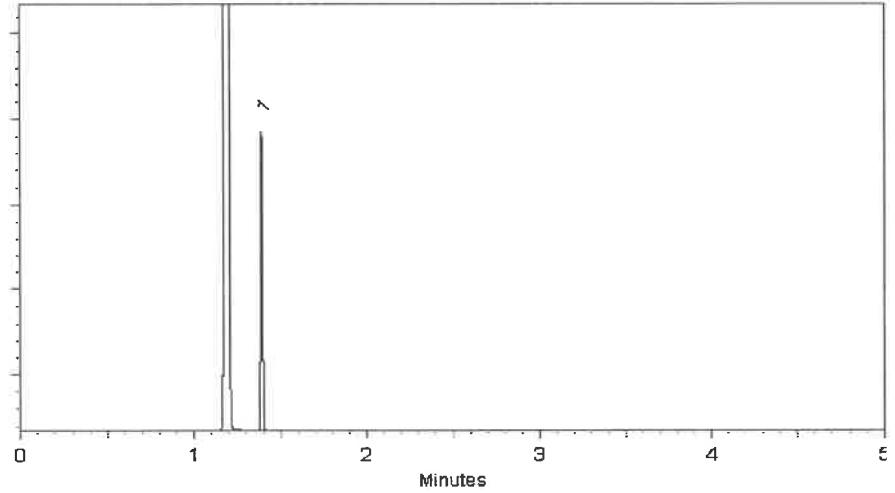
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023 Balance Serial # B707717271

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

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Manufacturing Notes:

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Handling Notes:

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis
chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0201320
Description : SV Internal Standard Mix 2mg/ml
SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride,
1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : July 31, 2029 **Storage:** 10°C or colder
Handling: Sonication required. Mix is **Ship:** Ambient
photosensitive.

S12013 }
 ↓ } RC
 S12042 } 12/26/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,017.0 µg/mL	+/- 90.8469
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,011.3 µg/mL	+/- 90.5917
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,008.6 µg/mL	+/- 90.4685
4	Phenanthrene-d10	1517-22-2	PR-32303	99%	2,019.4 µg/mL	+/- 90.9550
5	Chrysene-d12	1719-03-5	PR-32210	99%	2,013.7 µg/mL	+/- 90.6968
6	Perylene-d12	1520-96-3	PR-33205	99%	2,012.7 µg/mL	+/- 90.6517

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

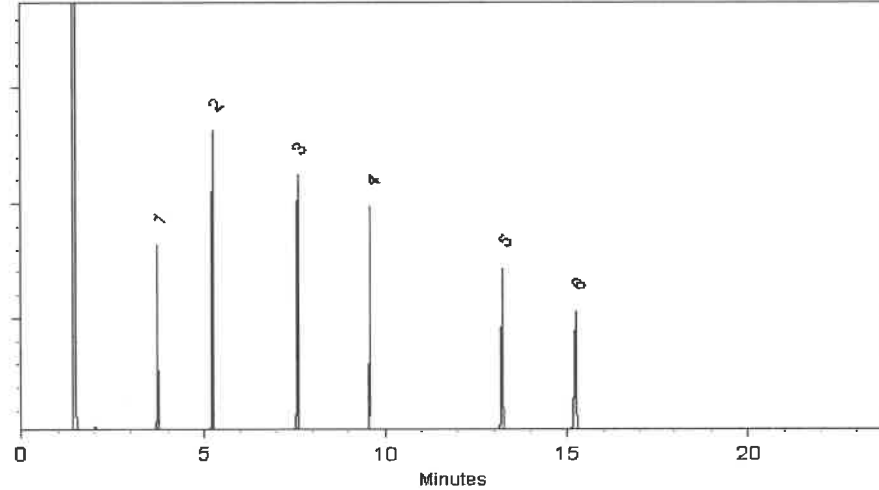
FID

Split Vent:

10 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Peter Robbins - Operations Technician I

Date Mixed: 23-Aug-2023

Balance Serial # B345965662

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 25-Aug-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
 Bellefonte, PA 16823-8812
 Tel: 1-814-353-1300
 Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis
chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0201320
Description : SV Internal Standard Mix 2mg/ml
SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride,
1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : July 31, 2029 **Storage:** 10°C or colder
Handling: Sonication required. Mix is **Ship:** Ambient
photosensitive.

S12013 }
 ↓ } RC
 S12042 } 12/26/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,017.0 µg/mL	+/- 90.8469
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,011.3 µg/mL	+/- 90.5917
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,008.6 µg/mL	+/- 90.4685
4	Phenanthrene-d10	1517-22-2	PR-32303	99%	2,019.4 µg/mL	+/- 90.9550
5	Chrysene-d12	1719-03-5	PR-32210	99%	2,013.7 µg/mL	+/- 90.6968
6	Perylene-d12	1520-96-3	PR-33205	99%	2,012.7 µg/mL	+/- 90.6517

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

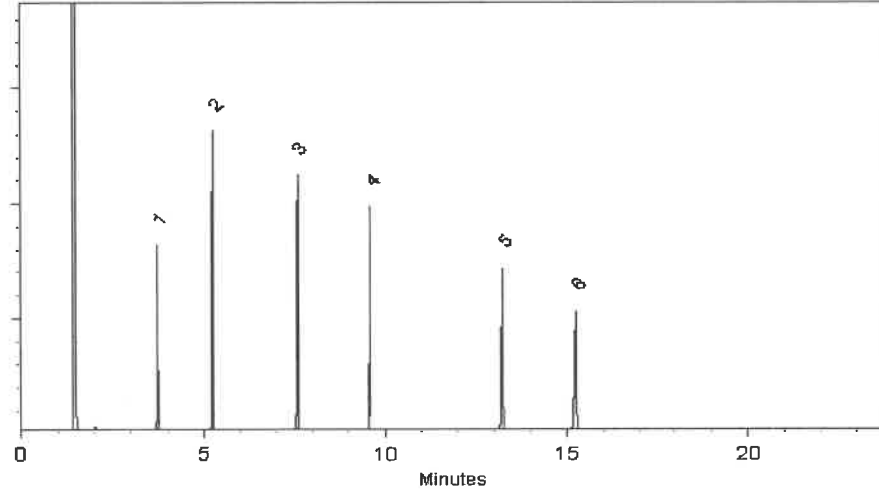
FID

Split Vent:

10 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Peter Robbins - Operations Technician I

Date Mixed: 23-Aug-2023

Balance Serial # B345965662

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 25-Aug-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
 Bellefonte, PA 16823-8812
 Tel: 1-814-353-1300
 Fax: 1-814-353-1309

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Certificate of Analysis
chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0201320
Description : SV Internal Standard Mix 2mg/ml
SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride,
1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : July 31, 2029 **Storage:** 10°C or colder
Handling: Sonication required. Mix is **Ship:** Ambient
photosensitive.

S12013 }
 ↓ } RC
 S12042 } 12/26/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,017.0 µg/mL	+/- 90.8469
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,011.3 µg/mL	+/- 90.5917
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,008.6 µg/mL	+/- 90.4685
4	Phenanthrene-d10	1517-22-2	PR-32303	99%	2,019.4 µg/mL	+/- 90.9550
5	Chrysene-d12	1719-03-5	PR-32210	99%	2,013.7 µg/mL	+/- 90.6968
6	Perylene-d12	1520-96-3	PR-33205	99%	2,012.7 µg/mL	+/- 90.6517

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

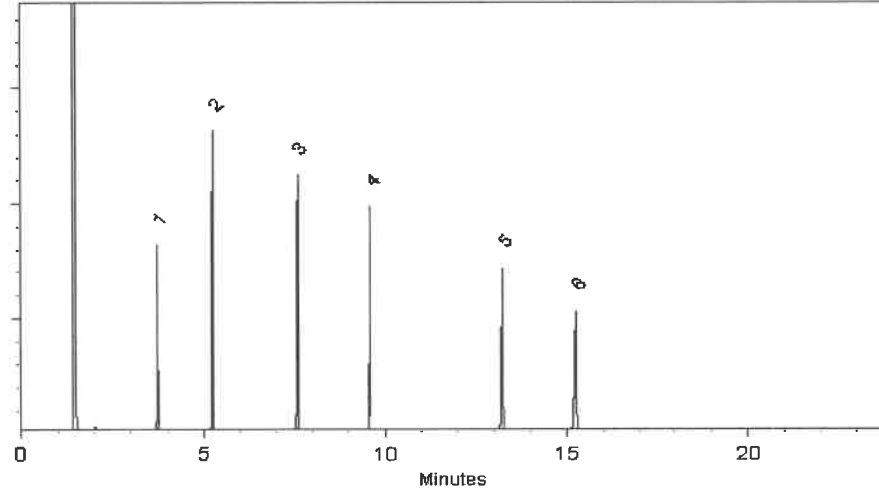
FID

Split Vent:

10 ml/min.

Inj. Vol

1µl



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Peter Robbins - Operations Technician I

Date Mixed: 23-Aug-2023

Balance Serial # B345965662

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 25-Aug-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
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by TUV USA to ISO 9001:2015

Date Received: _____

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Rev 0

Page 1 of 1


Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110816-01	414127	≤ -10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
atrazine	1912-24-9	99.5	337.7.3P	997 ± 5.81
benzidine	92-87-5	99.9	124.18.6.2P	991.8 ± 5.77
caprolactam	105-60-2	99.9	271.1.6P	999 ± 5.82

S12075 }
 ↓ RC
 S12079 } 02/01/24

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: 
 Shane Overcash
 Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetrically.



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Rev 0

Page 1 of 1


Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
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caprolactam	105-60-2	99.9	271.1.6P	999 ± 5.82

S12075 }
 ↓ RC
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*Not a certified value

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Catalog No. : 555224 Lot No.: A0207706
 Description : Custom 8270 Plus Standard #2
Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul
 Container Size : 2 mL Pkg Amt: > 1 mL
 Expiration Date : February 28, 2026 Storage: 10°C or colder
 Ship: Ambient

512082 } RC/
 ↓
 512111 } 02/22/24

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,001.0 µg/mL	+/- 29.424320
2	Acetophenone	98-86-2	STBH8205	99%	1,004.0 µg/mL	+/- 29.512504
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,005.0 µg/mL	+/- 29.541899
4	Benzoic acid	65-85-0	MKCR2694	99%	1,003.0 µg/mL	+/- 29.483110
5	Biphenyl	92-52-4	MKCL6515	99%	1,006.0 µg/mL	+/- 29.571294

Solvent: Methylene chloride
 CAS # 75-09-2
 Purity 99%

John Friedline - Operations Technician I

Date Mixed: 12-Feb-2024 Balance: B345965662

Manufactured under Restek's ISO 9001:2015
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 Certificate #FM 80397



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512082 } RC/
 ↓
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John Friedline - Operations Technician I

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512082 } RC/
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John Friedline - Operations Technician I

Date Mixed: 12-Feb-2024

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Solvent: Methylene chloride
 CAS # 75-09-2
 Purity 99%

John Friedline - Operations Technician I

Date Mixed: 12-Feb-2024 Balance: B345965662

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Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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John Friedline - Operations Technician I

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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-020223-01	454157	≤ -10 °C	P/T Methanol	6/10/2026	1,4-Dioxane Solution, 2000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,4-dioxane	123-91-1	100	223.1.3P	1997 ± 57.08

512112 } RC/
↓ }
912116 } 03/08/24

*Not a certified value

Certified By: Melissa Workoff
Melissa Workoff
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00.
Concentration (correct for purity) and uncertainty (95% confidence) values
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Catalog No. : 31850 **Lot No.:** A0203726
Description : 8270 MegaMix®
8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : April 30, 2025 **Storage:** 0°C or colder
Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

512117 } RC/
 ↓ } 03/18/24
 512146 }

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988	
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998	
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200	
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573	1
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180	2
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574	3
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837	4
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290	5
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829	6
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937	7
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505	8
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838	9
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909	10
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442	11
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512	12
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230	13
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876	14
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887	15
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265	16
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422	17
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968	
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998	
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634	
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221	
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240	
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553	
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251	
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220	
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674	
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979	
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130	
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857	
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220	
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958	
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230	
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553	

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



110 Benner Circle
 Bellefonte, PA 16823-8812
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 Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis
chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726
Description : 8270 MegaMix®
8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : April 30, 2025 **Storage:** 0°C or colder
Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

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CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988	
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998	
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200	
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573	1
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180	2
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574	3
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837	4
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290	5
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829	6
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937	7
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505	8
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838	9
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909	10
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442	11
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512	12
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230	13
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876	14
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887	15
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265	16
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422	17
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968	
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998	
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634	
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221	
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240	
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553	
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251	
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220	
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674	
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979	
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130	
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857	
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220	
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958	
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230	
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553	

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis
chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726
Description : 8270 MegaMix®
8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : April 30, 2025 **Storage:** 0°C or colder
Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

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CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988	
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998	
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200	
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573	1
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180	2
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574	3
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837	4
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290	5
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829	6
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937	7
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505	8
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838	9
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909	10
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442	11
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512	12
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230	13
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876	14
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887	15
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265	16
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422	17
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968	
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998	
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634	
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221	
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240	
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553	
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251	
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220	
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674	
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979	
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130	
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857	
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220	
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958	
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230	
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553	

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCKK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



110 Benner Circle
 Bellefonte, PA 16823-8812
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 Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726
Description : 8270 MegaMix®
8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : April 30, 2025 **Storage:** 0°C or colder
Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

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CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988	
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998	
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200	
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573	1
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180	2
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574	3
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837	4
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290	5
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829	6
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937	7
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505	8
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838	9
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909	10
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442	11
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512	12
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230	13
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876	14
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887	15
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265	16
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422	17
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968	
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998	
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634	
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221	
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240	
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553	
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251	
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220	
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674	
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979	
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130	
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857	
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220	
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958	
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230	
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553	

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



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CERTIFIED REFERENCE MATERIAL

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726
Description : 8270 MegaMix®
8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : April 30, 2025 **Storage:** 0°C or colder
Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

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CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988	
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998	
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200	
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573	1
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180	2
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574	3
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837	4
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290	5
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829	6
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937	7
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505	8
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838	9
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909	10
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442	11
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512	12
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230	13
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876	14
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887	15
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265	16
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422	17
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968	
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998	
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634	
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221	
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240	
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553	
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251	
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220	
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674	
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979	
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130	
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857	
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220	
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958	
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230	
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553	

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



110 Benner Circle
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726
Description : 8270 MegaMix®
8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : April 30, 2025 **Storage:** 0°C or colder
Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

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CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988	
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998	
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200	
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573	1
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180	2
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574	3
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837	4
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290	5
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829	6
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937	7
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505	8
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838	9
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909	10
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442	11
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512	12
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230	13
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876	14
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887	15
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265	16
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422	17
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968	
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998	
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634	
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221	
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240	
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553	
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251	
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220	
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674	
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979	
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130	
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857	
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220	
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958	
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230	
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553	

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCKK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726
Description : 8270 MegaMix®
8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : April 30, 2025 **Storage:** 0°C or colder
Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

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CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988	
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998	
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200	
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573	1
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180	2
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574	3
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837	4
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290	5
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829	6
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937	7
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505	8
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838	9
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909	10
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442	11
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512	12
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230	13
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876	14
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887	15
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265	16
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422	17
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968	
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998	
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634	
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221	
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240	
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553	
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251	
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220	
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674	
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979	
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130	
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857	
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220	
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958	
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230	
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553	

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



110 Benner Circle
 Bellefonte, PA 16823-8812
 Tel: 1-814-353-1300
 Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis
chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726
Description : 8270 MegaMix®
8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : April 30, 2025 **Storage:** 0°C or colder
Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

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CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCKK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



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Certificate of Analysis
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726
Description : 8270 MegaMix®
8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : April 30, 2025 **Storage:** 0°C or colder
Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

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CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988	
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998	
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200	
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573	1
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180	2
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574	3
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837	4
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290	5
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829	6
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937	7
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505	8
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838	9
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909	10
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442	11
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512	12
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230	13
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876	14
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887	15
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265	16
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422	17
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968	
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998	
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634	
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221	
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240	
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553	
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251	
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220	
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674	
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979	
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130	
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857	
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220	
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958	
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230	
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553	

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCKK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



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Description : 8270 MegaMix®
8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : April 30, 2025 **Storage:** 0°C or colder
Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

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CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/- 36.5988	
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/- 36.4998	
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/- 36.5200	
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/- 36.4573	1
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/- 36.5180	2
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/- 36.6574	3
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/- 36.6837	4
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/- 36.4290	5
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/- 36.6829	6
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/- 36.4937	7
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/- 36.4505	8
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3838	9
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/- 36.6909	10
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/- 36.5442	11
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/- 36.4512	12
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/- 36.4230	13
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/- 36.4876	14
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/- 36.5887	15
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/- 36.7265	16
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/- 36.5422	17
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/- 36.5968	
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/- 36.4998	
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/- 36.4634	
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/- 36.7221	
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/- 36.5240	
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/- 36.4553	
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/- 36.6251	
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/- 36.5220	
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/- 36.4674	
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/- 36.6979	
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/- 36.6130	
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/- 36.6857	
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/- 36.5220	
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/- 36.6958	
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/- 36.4230	
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/- 36.4553	

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



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gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021
Description : Custom 8270 Plus Standard #1
Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : July 31, 2026 **Storage:** 10°C or colder
Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 } RC/
 ↓
 S12508 } 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015
 Registered Quality System
 Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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CERTIFIED REFERENCE MATERIAL

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021
Description : Custom 8270 Plus Standard #1
Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : July 31, 2026 **Storage:** 10°C or colder
Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 } RC/
 ↓
 S12508 } 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015
 Registered Quality System
 Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021
Description : Custom 8270 Plus Standard #1
Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : July 31, 2026 **Storage:** 10°C or colder
Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 } RC/
 ↓
 S12508 } 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015
 Registered Quality System
 Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021
Description : Custom 8270 Plus Standard #1
Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : July 31, 2026 **Storage:** 10°C or colder
Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 } RC/
 ↓
 S12508 } 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015
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General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0214021
Description : Custom 8270 Plus Standard #1
Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : July 31, 2026 **Storage:** 10°C or colder
Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 } RC/
 ↓
 S12508 } 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015
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General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

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- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



SHIPPING DOCUMENTS

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CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: Jacobs
 ADDRESS: 412 ME Kemble Ave Suite #100
 CITY: Morrisstown STATE: NJ ZIP: 07960
 ATTENTION: John Yufante
 PHONE: (281) 414-1719 FAX:

PROJECT NAME: SEL PTC
 PROJECT NO.: D377492Z LOCATION: Princeton Junction
 PROJECT MANAGER: Mary Murphy
 e-mail: Mary.Murphy@Jacobs.com
 PHONE: (201) 936-0586 FAX:

BILL TO: Mary Murphy PO#:
 ADDRESS:
 CITY STATE ZIP:
 ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) Standard TAT DAYS*
 HARDCOPY (DATA PACKAGE): DAYS*
 EDD: DAYS*
 *TO BE APPROVED BY CHEMTECH
 STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

Level 1 (Results Only) Level 4 (QC + Full Raw Data)
 Level 2 (Results + QC) NJ Reduced US EPA CLP
 Level 3 (Results + QC + Raw Data) NYS ASP A NYS ASP B
 Other _____
 EDD FORMAT _____

Handwritten notes:
 1 SVOCs SVOCs + PAHs
 2 SVOCs + PAHs
 3 Metals SVOCs + PAHs
 4 SVOCs + PAHs
 5 SVOCs + PAHs
 6 SVOCs + PAHs
 7 SVOCs + PAHs
 8 SVOCs + PAHs
 9 SVOCs + PAHs

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER		
			COMP	GRAB	DATE	TIME		A/E	B/E	E	E								
								1	2	3	4	5	6	7	8	9			
1.	9H-J-WS-081524	WS	X		8-15-24	1335	8	2	4	1	1	4							
2.	9I6-J-WS-081524	WS	X		8-15-24	1425	8	2	4	1	1	4							
3.	TB-02-081524	DI	X		8-15-24	1530	1	1											
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: 8-15-24 1710	RECEIVED BY: 1. <u>[Signature]</u>	DATE/TIME: 8-15-24 1710
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY: 2. <u>[Signature]</u>	DATE/TIME:
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: 8-15-24 1820	RECEIVED BY: 3. <u>[Signature]</u>	DATE/TIME:

Conditions of bottles or coolers at receipt: COMPLIANT NON COMPLIANT COOLER TEMP 3.0 °C
 Comments: See attached table for required analytes list

2L of extra volume for SVOCs + PAHs analysis

Page 1 of 1 CLIENT: Hand Delivered Other _____
 CHEMTECH: Picked Up Field Sampling Shipment Complete YES NO

Laboratory Certification


Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (L-A-B)	L2219
Maine	2024021
Maryland	296
New Hampshire	255423
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488


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LOGIN REPORT/SAMPLE TRANSFER

Order ID : P3645	JACO05	Order Date : 8/15/2024 9:40:00 PM	Project Mgr :
Client Name : JACOBS Engineering Grou		Project Name : Former Schlumberger Site I	Report Type : Level 4
Client Contact : Mary I. Murphy		Receive DateTime : 8/15/2024 6:20:00 PM	EDD Type : CH2MHILL
Invoice Name : JACOBS Engineering Grou		Purchase Order :	Hard Copy Date :
Invoice Contact : Mary I. Murphy			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P3645-01	914-J-WS-081524	Water	08/15/2024	13:35		VOCMS Group6	8260-Low		10 Bus. Days
P3645-02	916-J-WS-081524	Water	08/15/2024	14:25		VOCMS Group6	8260-Low		10 Bus. Days
P3645-03	TB-02-081524	Water	08/15/2024	15:30		VOCMS Group6	8260-Low		10 Bus. Days

Relinquished By : 
Date / Time : 8/16/24 0950

Received By : 
Date / Time : 8-16-24 09:50

Storage Area : VOA Refridgerator Room