

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : ENTACT
 Project Location : Brooklyn, NY Project Number : E9309
 Laboratory Sample ID(s) : Q2078 Sampling Date(s) : 5/13/2025,05/14/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra),**1030,1311,1311 ZHE,160.4,1664A,6010D,7470A,8081B,8082A,8151A,8260D,8270E, 9012B,9034,9045D,9071B,9095B,ASTM,SM2540 B,SM4500-NH3, SM5220 D,SOP**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☒ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☐ Yes ☒ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☒ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☒ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☒ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☒ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☒ Yes ☐ No ☒ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☒ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☐ Yes ☒ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Data of Known Quality."

Cover Page

Order ID : Q2078

Project ID : 540 Degraw St, Brooklyn, NY - E9309

Client : ENTACT

Lab Sample Number

Q2078-01
Q2078-02
Q2078-03
Q2078-04
Q2078-05
Q2078-06
Q2078-07
Q2078-08
Q2078-09
Q2078-10
Q2078-11
Q2078-12
Q2078-13
Q2078-14
Q2078-15
Q2078-16
Q2078-17
Q2078-18
Q2078-19
Q2078-20

Client Sample Number

WC-A4-04-G
WC-A4-04-C
WC-A4-04-C
WC-A4-04-C
WC-A4-05-G
WC-A4-05-C
WC-A4-05-C
WC-A4-05-C
WC-A1-06A-G
WC-A1-06A-C
WC-A1-06A-C
WC-A1-06A-C
WC-A1-07A-G
WC-A1-07A-C
WC-A1-07A-C
WC-A1-07A-C
WC-A4-06-G
WC-A4-06-C
WC-A4-06-C
WC-A4-06-C

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: 5/29/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

ENTACT

Project Name: 540 Degraw St, Brooklyn, NY - E9309

Project # N/A

Order ID # Q2078

Test Name: TCLP BNA

A. Number of Samples and Date of Receipt:

20 Solid samples were received on 05/19/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: ASTM Ammonia, ASTM COD, ASTM Leach Extraction, ASTM Oil and Grease, ASTM TS, Corrosivity, Ignitability, Oil and Grease, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TCLP Metals Group2, TS and TVS. This data package contains results for TCLP BNA.

C. Analytical Techniques:

The 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 TCLP BNA was based on method 8270E and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for,
WC-A4-04-C [2,4,6-Tribromophenol - 113%],
WC-A4-05-C [2,4,6-Tribromophenol - 115%],
WC-A1-06A-C [2,4,6-Tribromophenol - 126%],
WC-A4-06-C [2,4 and 6-Tribromophenol - 118%]. This compound did not meet the NJDKQP criteria but met the in-house criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the acceptable requirements.

The RPD met criteria.

The Blank Spike met requirements for all samples.

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

The Initial Calibration met the requirements.



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

The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:

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 <20% 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 > 20% 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 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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2078

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: 05/29/2025

LAB CHRONICLE

OrderID:	Q2078	OrderDate:	5/19/2025 2:08:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2078-03	WC-A4-04-C	TCLP	TCLP BNA	8270E	05/13/25	05/22/25	05/23/25	05/19/25
Q2078-07	WC-A4-05-C	TCLP	TCLP BNA	8270E	05/13/25	05/22/25	05/23/25	05/19/25
Q2078-11	WC-A1-06A-C	TCLP	TCLP BNA	8270E	05/13/25	05/22/25	05/23/25	05/19/25
Q2078-15	WC-A1-07A-C	TCLP	TCLP BNA	8270E	05/13/25	05/22/25	05/23/25	05/19/25
Q2078-19	WC-A4-06-C	TCLP	TCLP BNA	8270E	05/14/25	05/22/25	05/23/25	05/19/25



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

Hit Summary Sheet
SW-846

SDG No.: Q2078
Client: ENTACT

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



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2078

Client: ENTACT

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168092TB	PB168092TB	2-Fluorophenol	150	129	86		15 (10)	110 (139)
		Phenol-d6	150	116	78		15 (10)	110 (134)
		Nitrobenzene-d5	100	70.3	70		30 (49)	130 (133)
		2-Fluorobiphenyl	100	79.6	80		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	158	105		15 (44)	110 (137)
		Terphenyl-d14	100	83.3	83		30 (48)	130 (125)
PB168131BL	PB168131BL	2-Fluorophenol	150	136	91		15 (10)	110 (139)
		Phenol-d6	150	120	80		15 (10)	110 (134)
		Nitrobenzene-d5	100	74.8	75		30 (49)	130 (133)
		2-Fluorobiphenyl	100	84.8	85		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	156	104		15 (44)	110 (137)
		Terphenyl-d14	100	82.7	83		30 (48)	130 (125)
PB168131BS	PB168131BS	2-Fluorophenol	150	133	89		15 (10)	110 (139)
		Phenol-d6	150	124	83		15 (10)	110 (134)
		Nitrobenzene-d5	100	72.2	72		30 (49)	130 (133)
		2-Fluorobiphenyl	100	75.6	76		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	161	107		15 (44)	110 (137)
		Terphenyl-d14	100	79.4	79		30 (48)	130 (125)
Q2078-03	WC-A4-04-C	2-Fluorophenol	150	133	89		15 (10)	110 (139)
		Phenol-d6	150	114	76		15 (10)	110 (134)
		Nitrobenzene-d5	100	77.5	78		30 (49)	130 (133)
		2-Fluorobiphenyl	100	83.7	84		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	170	113	*	15 (44)	110 (137)
		Terphenyl-d14	100	90.7	91		30 (48)	130 (125)
Q2078-07	WC-A4-05-C	2-Fluorophenol	150	130	87		15 (10)	110 (139)
		Phenol-d6	150	113	75		15 (10)	110 (134)
		Nitrobenzene-d5	100	76.4	76		30 (49)	130 (133)
		2-Fluorobiphenyl	100	81.2	81		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	172	115	*	15 (44)	110 (137)
		Terphenyl-d14	100	95.0	95		30 (48)	130 (125)
Q2078-11	WC-A1-06A-C	2-Fluorophenol	150	134	89		15 (10)	110 (139)
		Phenol-d6	150	115	77		15 (10)	110 (134)
		Nitrobenzene-d5	100	78.5	79		30 (49)	130 (133)
		2-Fluorobiphenyl	100	84.3	84		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	189	126	*	15 (44)	110 (137)
		Terphenyl-d14	100	100	100		30 (48)	130 (125)
Q2078-15	WC-A1-07A-C	2-Fluorophenol	150	130	87		15 (10)	110 (139)
		Phenol-d6	150	108	72		15 (10)	110 (134)
		Nitrobenzene-d5	100	77.5	78		30 (49)	130 (133)
		2-Fluorobiphenyl	100	83.8	84		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	161	108		15 (44)	110 (137)
		Terphenyl-d14	100	87.1	87		30 (48)	130 (125)
Q2078-19	WC-A4-06-C	2-Fluorophenol	150	131	87		15 (10)	110 (139)
		Phenol-d6	150	113	75		15 (10)	110 (134)
		Nitrobenzene-d5	100	76.9	77		30 (49)	130 (133)
		2-Fluorobiphenyl	100	84.5	85		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	177	118	*	15 (44)	110 (137)
		Terphenyl-d14	100	93.9	94		30 (48)	130 (125)
Q2084-05MS	OR-640-COMP-66MS	2-Fluorophenol	150	122	82		15 (10)	110 (139)
		Phenol-d6	150	107	71		15 (10)	110 (134)
		Nitrobenzene-d5	100	71.8	72		30 (49)	130 (133)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SW-846

SDG No.: Q2078

Client: ENTACT

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
Q2084-05MS	OR-640-COMP-66MS	2-Fluorobiphenyl	100	78.3	78		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	163	109		15 (44)	110 (137)
		Terphenyl-d14	100	82.9	83		30 (48)	130 (125)
Q2084-05MSD	OR-640-COMP-66MSD	2-Fluorophenol	150	121	81		15 (10)	110 (139)
		Phenol-d6	150	105	70		15 (10)	110 (134)
		Nitrobenzene-d5	100	71.7	72		30 (49)	130 (133)
		2-Fluorobiphenyl	100	77.0	77		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	151	101		15 (44)	110 (137)
		Terphenyl-d14	100	75.5	76		30 (48)	130 (125)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2078

Client: ENTACT

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q2084-05MS		Client Sample ID: OR-640-COMP-66MS		DataFile: BP024781.D							
Pyridine	500	0	310	ug/L	62				20 (10)	160 (109)	
1,4-Dichlorobenzene	500	0	390	ug/L	78				70 (55)	130 (125)	
2-Methylphenol	500	0	400	ug/L	80				70 (60)	130 (131)	
3+4-Methylphenols	500	0	410	ug/L	82				20 (54)	160 (136)	
Hexachloroethane	500	0	360	ug/L	72				20 (19)	160 (146)	
Nitrobenzene	500	0	390	ug/L	78				70 (62)	130 (112)	
Hexachlorobutadiene	500	0	450	ug/L	90				70 (52)	130 (125)	
2,4,6-Trichlorophenol	500	0	500	ug/L	100				70 (78)	130 (112)	
2,4,5-Trichlorophenol	500	0	500	ug/L	100				70 (71)	130 (111)	
2,4-Dinitrotoluene	500	0	500	ug/L	100				70 (74)	130 (137)	
Hexachlorobenzene	500	0	510	ug/L	102				70 (72)	130 (115)	
Pentachlorophenol	1000	0	1100	ug/L	110				20 (52)	160 (162)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2078

Client: ENTACT

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2084-05MSD	Client Sample ID:	OR-640-COMP-66MSD					DataFile:	BP024782.D		
Pyridine	500	0	310	ug/L	62	0			20 (10)	160 (109)	20 (20)
1,4-Dichlorobenzene	500	0	380	ug/L	76	3			70 (55)	130 (125)	20 (20)
2-Methylphenol	500	0	400	ug/L	80	0			70 (60)	130 (131)	20 (20)
3+4-Methylphenols	500	0	390	ug/L	78	5			20 (54)	160 (136)	20 (20)
Hexachloroethane	500	0	350	ug/L	70	3			20 (19)	160 (146)	20 (20)
Nitrobenzene	500	0	390	ug/L	78	0			70 (62)	130 (112)	20 (20)
Hexachlorobutadiene	500	0	430	ug/L	86	5			70 (52)	130 (125)	20 (20)
2,4,6-Trichlorophenol	500	0	480	ug/L	96	4			70 (78)	130 (112)	20 (20)
2,4,5-Trichlorophenol	500	0	470	ug/L	94	6			70 (71)	130 (111)	20 (20)
2,4-Dinitrotoluene	500	0	460	ug/L	92	8			70 (74)	130 (137)	20 (20)
Hexachlorobenzene	500	0	500	ug/L	100	2			70 (72)	130 (115)	20 (20)
Pentachlorophenol	1000	0	1100	ug/L	110	0			20 (52)	160 (162)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2078

Client: ENTACT

Analytical Method: 8270E

DataFile: BP024790.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168131BS	Pyridine	50	33.8	ug/L	68				20 (29)	160 (97)	
	1,4-Dichlorobenzene	50	42.1	ug/L	84				70 (76)	130 (103)	
	2-Methylphenol	50	42.6	ug/L	85				70 (69)	130 (109)	
	3+4-Methylphenols	50	41.9	ug/L	84				20 (67)	160 (106)	
	Hexachloroethane	50	40.2	ug/L	80				20 (76)	160 (118)	
	Nitrobenzene	50	39.7	ug/L	79				70 (58)	130 (106)	
	Hexachlorobutadiene	50	46.4	ug/L	93				70 (69)	130 (101)	
	2,4,6-Trichlorophenol	50	48.0	ug/L	96				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	47.8	ug/L	96				70 (70)	130 (106)	
	2,4-Dinitrotoluene	50	47.7	ug/L	95				70 (60)	130 (115)	
	Hexachlorobenzene	50	47.0	ug/L	94				70 (73)	130 (106)	
	Pentachlorophenol	100	110	ug/L	110				20 (47)	160 (114)	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168131BL

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: Q2078

SAS No.: Q2078 SDG NO.: Q2078

Lab File ID: BP024789.D

Lab Sample ID: PB168131BL

Instrument ID: BNA_P

Date Extracted: 05/22/2025

Matrix: (soil/water) water

Date Analyzed: 05/23/2025

Level: (low/med) LOW

Time Analyzed: 12:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168131BS	PB168131BS	BP024790.D	05/23/2025
PB168092TB	PB168092TB	BP024771.D	05/22/2025
WC-A4-04-C	Q2078-03	BP024772.D	05/23/2025
WC-A4-05-C	Q2078-07	BP024773.D	05/23/2025
WC-A1-06A-C	Q2078-11	BP024774.D	05/23/2025
WC-A1-07A-C	Q2078-15	BP024775.D	05/23/2025
WC-A4-06-C	Q2078-19	BP024776.D	05/23/2025
OR-640-COMP-66MS	Q2084-05MS	BP024781.D	05/23/2025
OR-640-COMP-66MSD	Q2084-05MSD	BP024782.D	05/23/2025

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: ENTA05Lab Code: CHEMSAS No.: Q2078 SDG NO.: Q2078Lab File ID: BP024613.DDFTPP Injection Date: 05/13/2025Instrument ID: BNA_PDFTPP Injection Time: 10:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	26.8
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	29
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	39.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	26.5
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 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	BP024614.D	05/13/2025	10:41
SSTDICC005	SSTDICC005	BP024615.D	05/13/2025	11:22
SSTDICC010	SSTDICC010	BP024616.D	05/13/2025	12:03
SSTDICC020	SSTDICC020	BP024617.D	05/13/2025	12:43
SSTDICCC040	SSTDICCC040	BP024618.D	05/13/2025	13:24
SSTDICC050	SSTDICC050	BP024619.D	05/13/2025	14:05
SSTDICC060	SSTDICC060	BP024620.D	05/13/2025	14:45
SSTDICC080	SSTDICC080	BP024621.D	05/13/2025	15:26



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: ENTA05Lab Code: CHEMSAS No.: Q2078 SDG NO.: Q2078Lab File ID: BP024769.DDFTPP Injection Date: 05/22/2025Instrument ID: BNA_PDFTPP Injection Time: 22:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	18.1
68	Less than 2.0% of mass 69	0.3 (1.3) 1
69	Mass 69 relative abundance	19
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	28
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.1
275	10.0 - 60.0% of mass 198	22.3
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 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	BP024770.D	05/22/2025	23:09
PB168092TB	PB168092TB	BP024771.D	05/22/2025	23:50
WC-A4-04-C	Q2078-03	BP024772.D	05/23/2025	00:30
WC-A4-05-C	Q2078-07	BP024773.D	05/23/2025	01:11
WC-A1-06A-C	Q2078-11	BP024774.D	05/23/2025	01:52
WC-A1-07A-C	Q2078-15	BP024775.D	05/23/2025	02:32
WC-A4-06-C	Q2078-19	BP024776.D	05/23/2025	03:13
OR-640-COMP-66MS	Q2084-05MS	BP024781.D	05/23/2025	06:37
OR-640-COMP-66MSD	Q2084-05MSD	BP024782.D	05/23/2025	07:17



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: ENTA05Lab Code: CHEMSAS No.: Q2078SDG NO.: Q2078Lab File ID: BP024787.DDFTPP Injection Date: 05/23/2025Instrument ID: BNA_PDFTPP Injection Time: 10:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	20.4
68	Less than 2.0% of mass 69	0.1 (0.7) 1
69	Mass 69 relative abundance	20.9
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	30.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.7
275	10.0 - 60.0% of mass 198	23.1
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.8 (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	BP024788.D	05/23/2025	11:40
PB168131BL	PB168131BL	BP024789.D	05/23/2025	12:20
PB168131BS	PB168131BS	BP024790.D	05/23/2025	13:01

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2078 SAS No.: Q2078 SDG NO.: Q2078

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/22/2025

Lab File ID: BP024770.D Time Analyzed: 23:09

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	86374	7.651	346242	10.42	224756	14.28
UPPER LIMIT	172748	8.151	692484	10.922	449512	14.78
LOWER LIMIT	43187	7.151	173121	9.922	112378	13.78
EPA SAMPLE NO.						
01 PB168092TB	101898	7.65	393569	10.43	245440	14.29
02 WC-A4-04-C	86782	7.65	330527	10.42	206491	14.28
03 WC-A4-05-C	99554	7.65	390957	10.43	258032	14.28
04 WC-A1-06A-C	107180	7.65	420731	10.42	283461	14.28
05 WC-A1-07A-C	90407	7.65	348084	10.42	214481	14.28
06 WC-A4-06-C	97988	7.65	378456	10.42	239685	14.28
07 OR-640-COMP-66MS	108037	7.65	434452	10.42	286166	14.28
08 OR-640-COMP-66MSD	92969	7.65	361724	10.42	230777	14.28

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 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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2078 SAS No.: Q2078 SDG NO.: Q2078

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/22/2025

Lab File ID: BP024770.D Time Analyzed: 23:09

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	450660	17.08	607461	21.515	776339	24.803
UPPER LIMIT	901320	17.58	1214920	22.015	1552680	25.303
LOWER LIMIT	225330	16.58	303731	21.015	388170	24.303
EPA SAMPLE NO.						
01 PB168092TB	545522	17.09	641942	21.51	766499	24.81
02 WC-A4-04-C	416610	17.08	524798	21.52	636519	24.80
03 WC-A4-05-C	520855	17.08	636443	21.52	777089	24.80
04 WC-A1-06A-C	602594	17.08	725082	21.52	853005	24.82
05 WC-A1-07A-C	409751	17.09	526921	21.52	668650	24.80
06 WC-A4-06-C	497233	17.09	609083	21.51	705796	24.80
07 OR-640-COMP-66MS	578083	17.08	676097	21.52	796979	24.80
08 OR-640-COMP-66MSD	445856	17.08	560847	21.51	715613	24.79

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.: Q2078 SAS No.: Q2078 SDG NO.: Q2078

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/23/2025

Lab File ID: BP024788.D Time Analyzed: 11:40

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	85825	7.646	348651	10.42	223501	14.28
UPPER LIMIT	171650	8.146	697302	10.916	447002	14.781
LOWER LIMIT	42912.5	7.146	174326	9.916	111751	13.781
EPA SAMPLE NO.						
01 PB168131BL	92865	7.65	345394	10.42	198239	14.29
02 PB168131BS	93522	7.65	371862	10.42	250920	14.28

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 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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2078 SAS No.: Q2078 SDG NO.: Q2078

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/23/2025

Lab File ID: BP024788.D Time Analyzed: 11:40

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	457187	17.086	596427	21.51	763679	24.786
UPPER LIMIT	914374	17.586	1192850	22.01	1527360	25.286
LOWER LIMIT	228594	16.586	298214	21.01	381840	24.286
EPA SAMPLE NO.						
01 PB168131BL	413374	17.09	524054	21.52	672842	24.80
02 PB168131BS	520912	17.08	672344	21.51	792756	24.79

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.



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	05/22/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/22/25
Client Sample ID:	PB168092TB	SDG No.:	Q2078
Lab Sample ID:	PB168092TB	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024771.D	1	05/22/25 11:14	05/22/25 23:50	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.013	U	0.013	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.0053	U	0.0053	0.050	mg/L
95-48-7	2-Methylphenol	0.011	U	0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.011	U	0.011	0.10	mg/L
67-72-1	Hexachloroethane	0.0065	U	0.0065	0.050	mg/L
98-95-3	Nitrobenzene	0.0076	U	0.0076	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.0054	U	0.0054	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.0051	U	0.0051	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.0062	U	0.0062	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.012	U	0.012	0.050	mg/L
118-74-1	Hexachlorobenzene	0.0052	U	0.0052	0.050	mg/L
87-86-5	Pentachlorophenol	0.016	U	0.016	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	129		15 (10) - 110 (139)	86%	SPK: 150
13127-88-3	Phenol-d6	116		15 (10) - 110 (134)	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	70.3		30 (49) - 130 (133)	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.6		30 (52) - 130 (132)	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	158		15 (44) - 110 (137)	105%	SPK: 150
1718-51-0	Terphenyl-d14	83.3		30 (48) - 130 (125)	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	102000	7.652			
1146-65-2	Naphthalene-d8	394000	10.428			
15067-26-2	Acenaphthene-d10	245000	14.292			
1517-22-2	Phenanthrene-d10	546000	17.086			
1719-03-5	Chrysene-d12	642000	21.51			
1520-96-3	Perylene-d12	766000	24.809			

Report of Analysis

Client:	ENTACT		Date Collected:	05/22/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/22/25	
Client Sample ID:	PB168092TB		SDG No.:	Q2078	
Lab Sample ID:	PB168092TB		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024771.D	1	05/22/25 11:14	05/22/25 23:50	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP052225\
Data File : BP024771.D
Acq On : 22 May 2025 23:50
Operator : RC/JU
Sample : PB168092TB
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168092TB

Quant Time: May 23 03:23:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	101898	20.000	ng	-0.01
21) Naphthalene-d8	10.428	136	393569	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	245440	20.000	ng	-0.01
64) Phenanthrene-d10	17.086	188	545522	20.000	ng	-0.01
76) Chrysene-d12	21.510	240	641942	20.000	ng	-0.01
86) Perylene-d12	24.809	264	766499	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	769021	129.081	ng	0.00
7) Phenol-d6	6.852	99	884871	116.375	ng	0.00
23) Nitrobenzene-d5	8.799	82	547278	70.260	ng	-0.01
42) 2,4,6-Tribromophenol	15.810	330	656823	157.855	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1491190	79.598	ng	-0.01
79) Terphenyl-d14	19.798	244	3117834	83.281	ng	-0.01

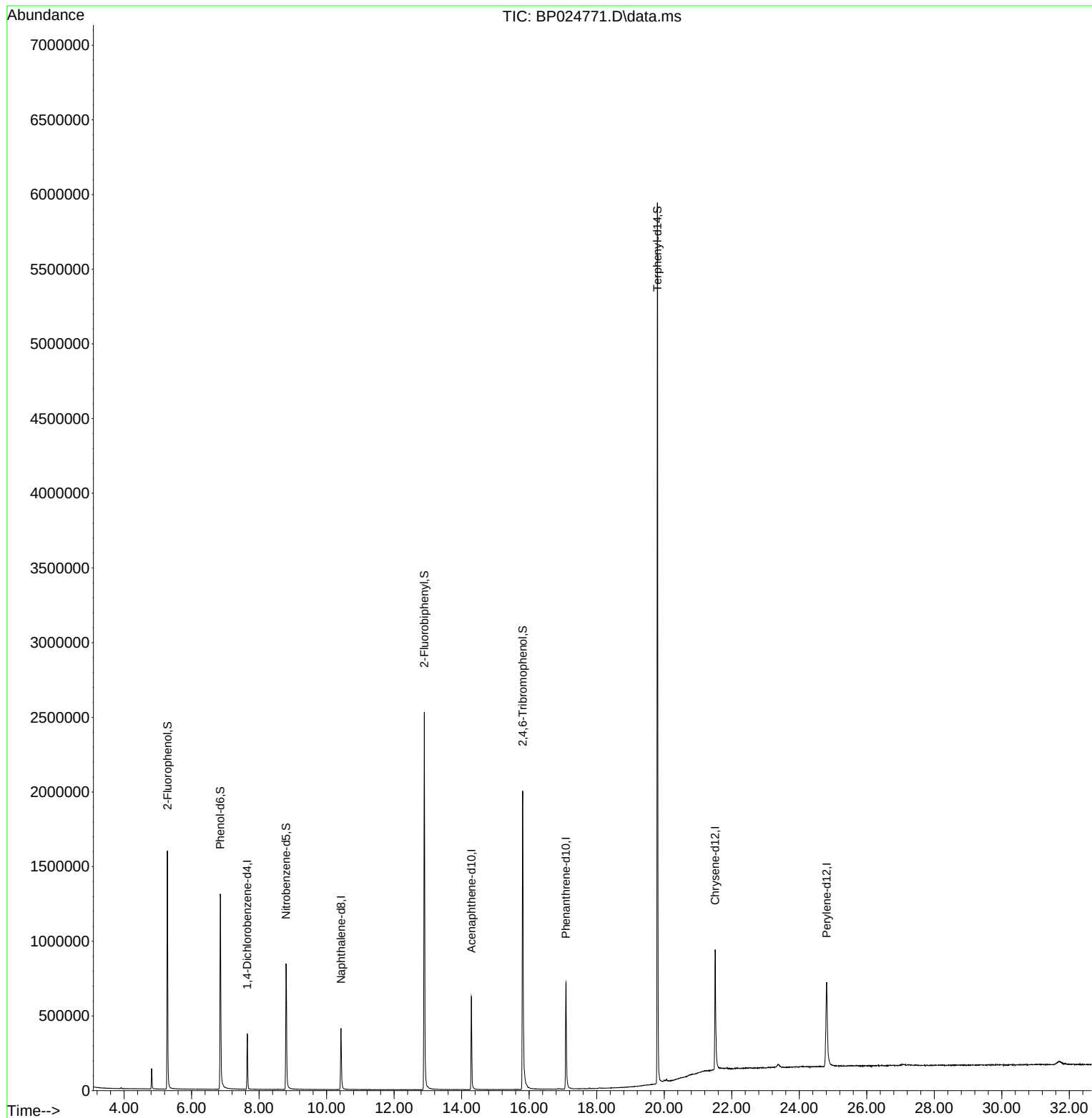
Target Compounds	Qvalue

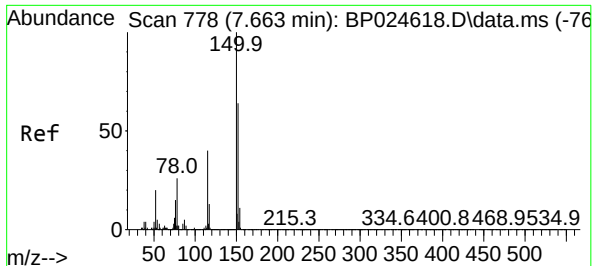
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024771.D
Acq On : 22 May 2025 23:50
Operator : RC/JU
Sample : PB168092TB
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168092TB

Quant Time: May 23 03:23:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

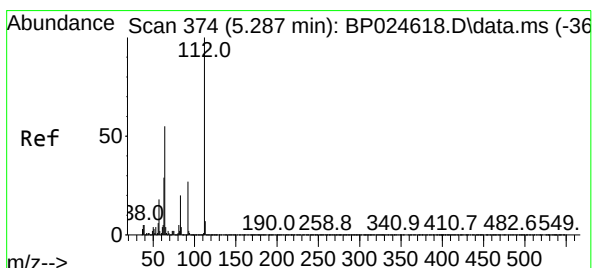
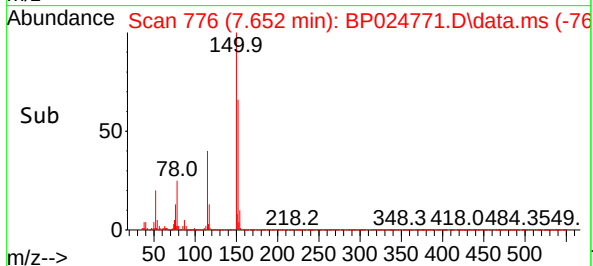
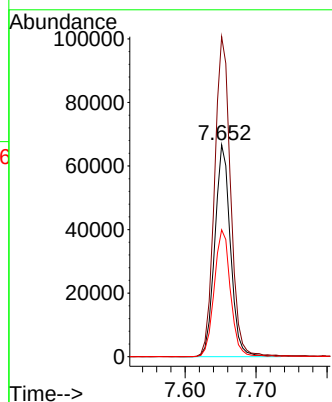
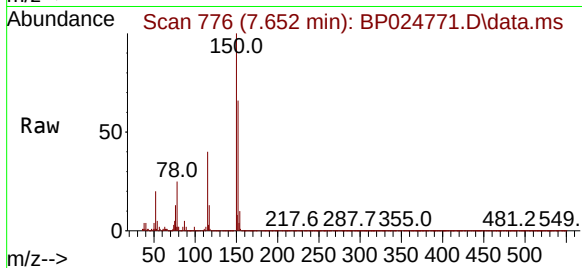




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 778
Delta R.T. -0.011 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

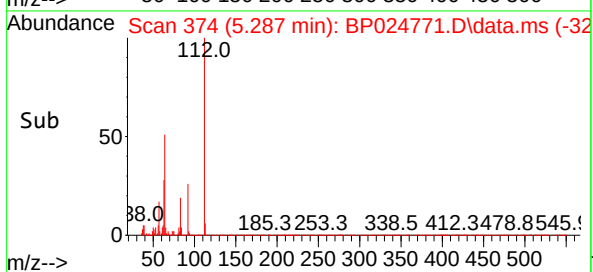
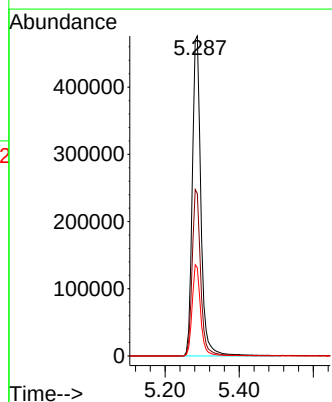
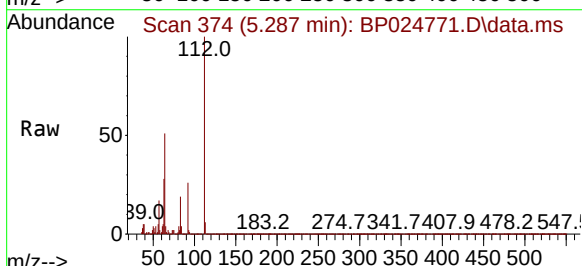
Instrument :
BNA_P
ClientSampleId :
PB168092TB

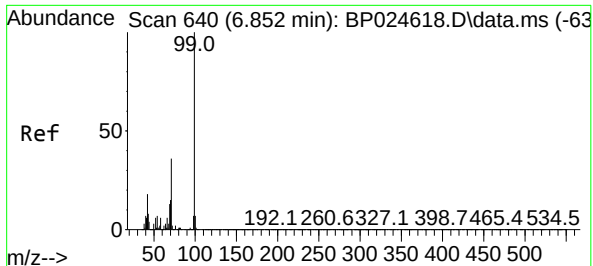
Tgt Ion:152 Resp: 101898
Ion Ratio Lower Upper
152 100
150 151.0 125.9 188.9
115 59.9 50.1 75.1



#5
2-Fluorophenol
Concen: 129.081 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

Tgt Ion:112 Resp: 769021
Ion Ratio Lower Upper
112 100
64 50.8 44.1 66.1
63 27.5 23.5 35.3

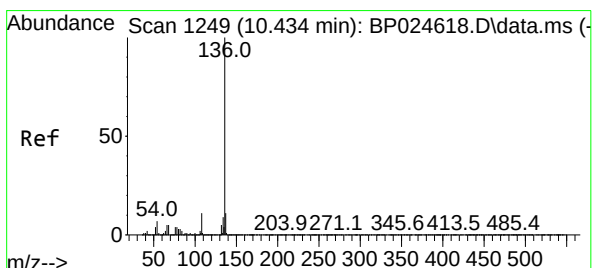
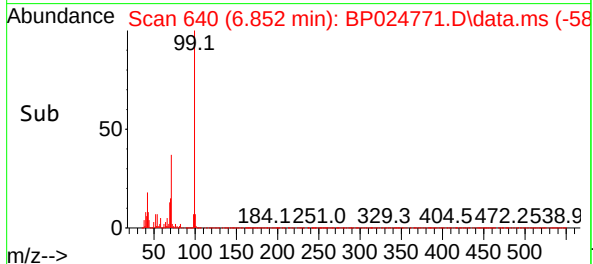
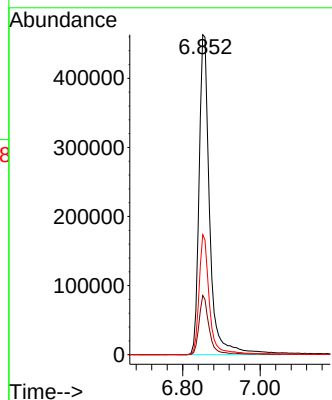
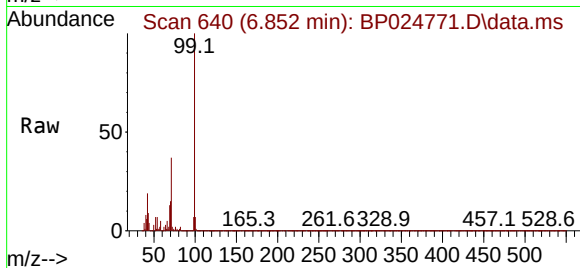




#7
Phenol-d6
Concen: 116.375 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

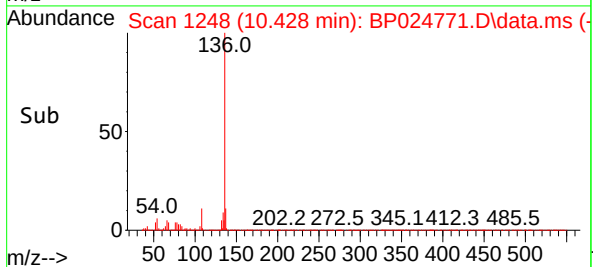
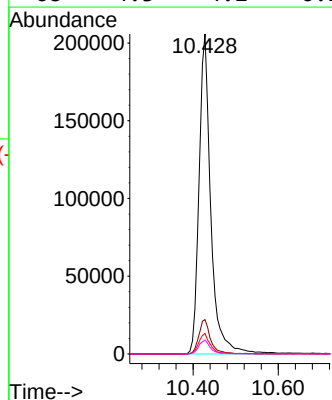
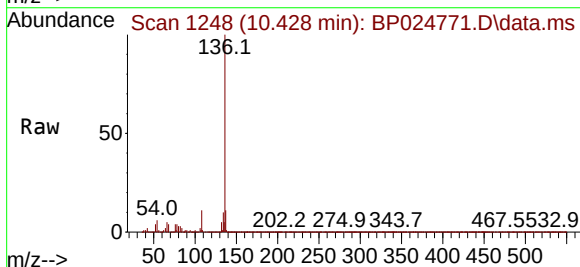
Instrument :
BNA_P
ClientSampleId :
PB168092TB

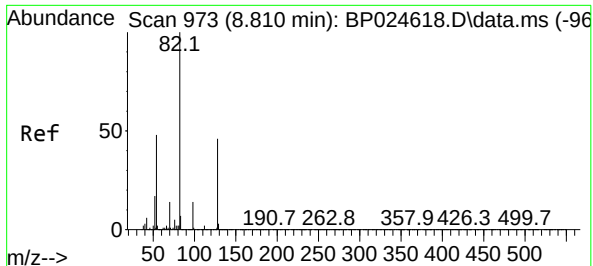
Tgt Ion: 99 Resp: 884871
Ion Ratio Lower Upper
99 100
42 18.5 14.4 21.6
71 37.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

Tgt Ion: 136 Resp: 393569
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.4 5.5 8.3
68 4.3 4.2 6.2

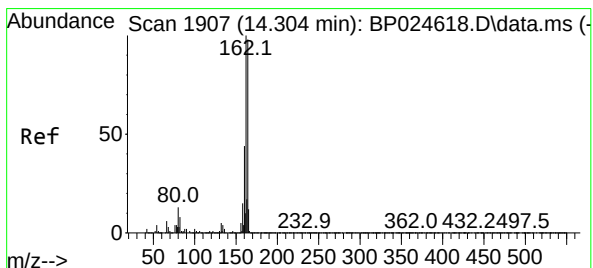
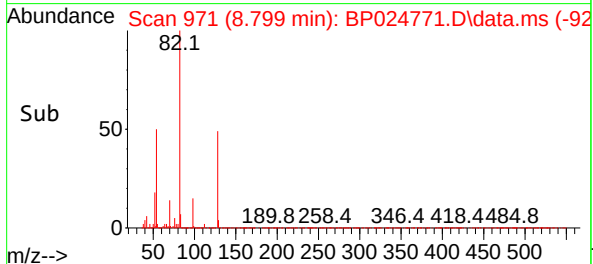
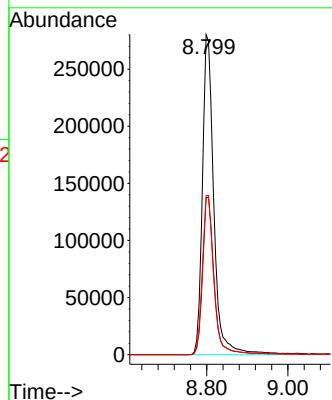
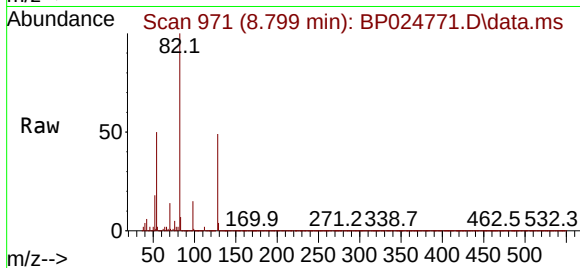




#23
Nitrobenzene-d5
Concen: 70.260 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

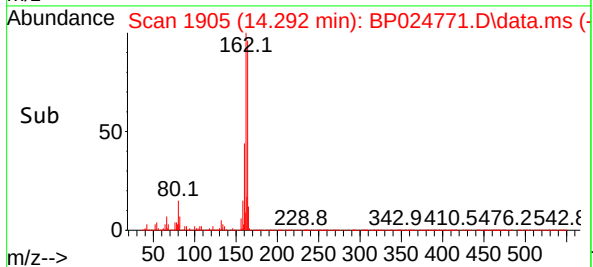
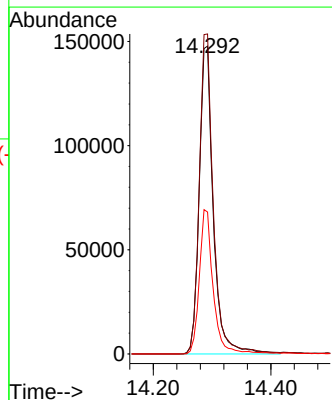
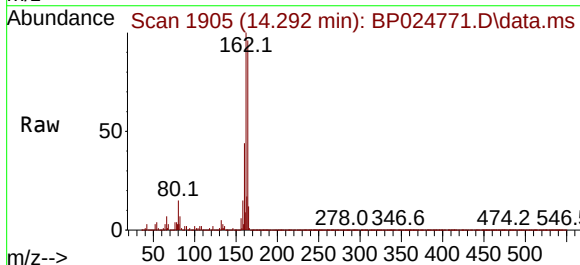
Instrument :
BNA_P
ClientSampleId :
PB168092TB

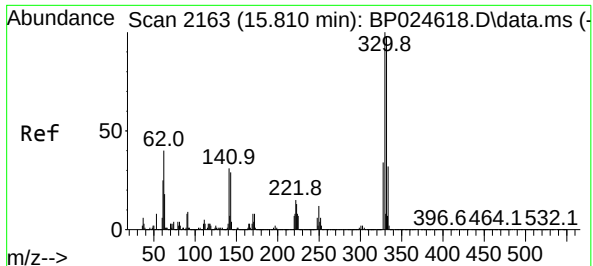
Tgt Ion: 82 Resp: 547278
Ion Ratio Lower Upper
82 100
128 49.0 37.0 55.4
54 49.7 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

Tgt Ion:164 Resp: 245440
Ion Ratio Lower Upper
164 100
162 103.9 81.8 122.6
160 46.1 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 157.855 ng

RT: 15.810 min Scan# 2163

Delta R.T. -0.000 min

Lab File: BP024771.D

Acq: 22 May 2025 23:50

Instrument :

BNA_P

ClientSampleId :

PB168092TB

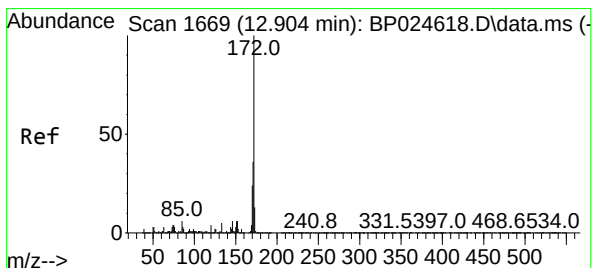
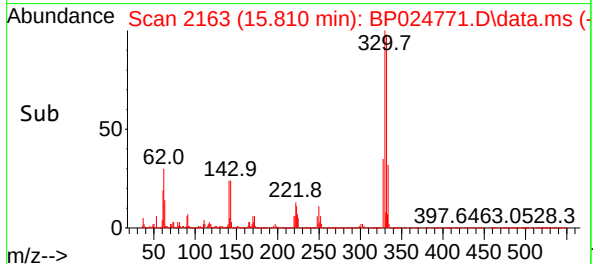
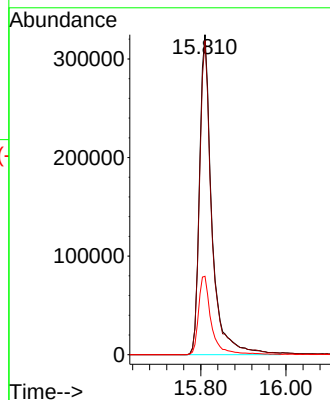
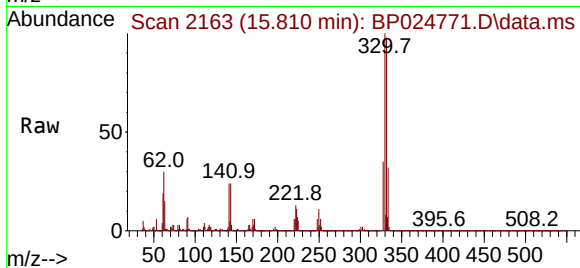
Tgt Ion:330 Resp: 656823

Ion Ratio Lower Upper

330 100

332 97.9 78.2 117.4

141 25.4 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 79.598 ng

RT: 12.892 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BP024771.D

Acq: 22 May 2025 23:50

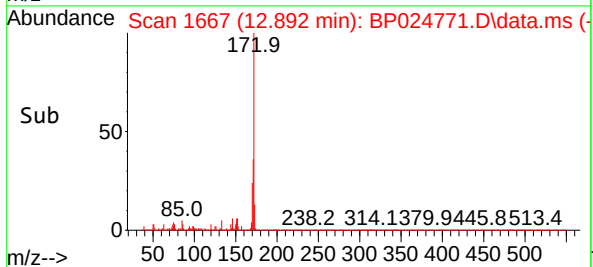
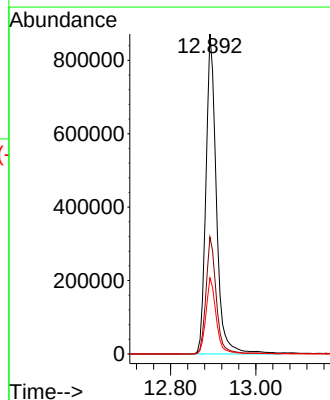
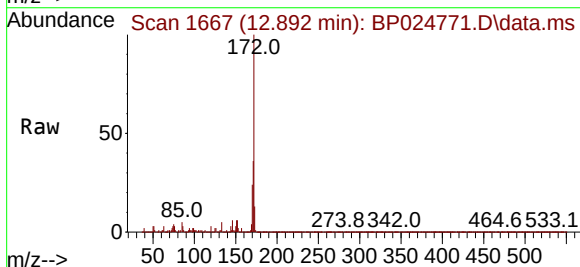
Tgt Ion:172 Resp: 1491190

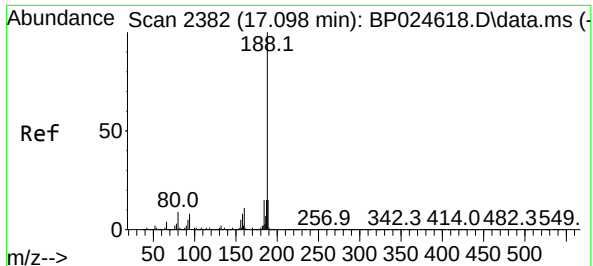
Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 23.8 18.8 28.2

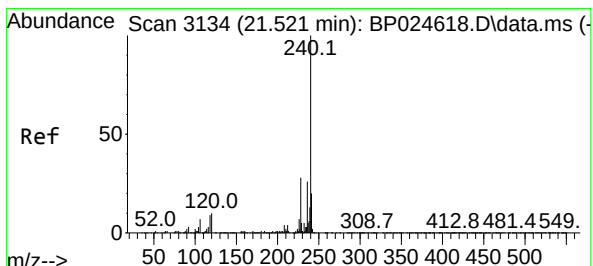
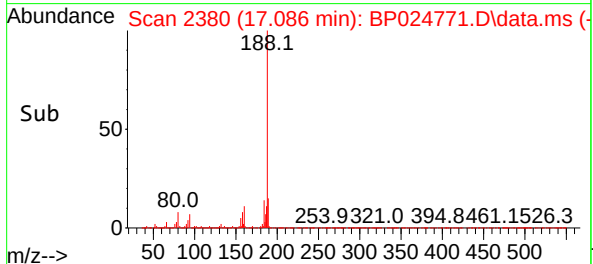
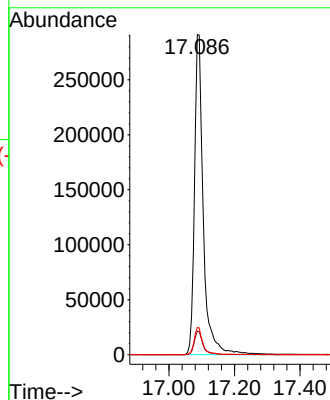
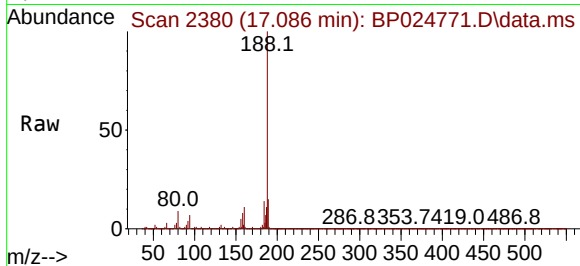




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

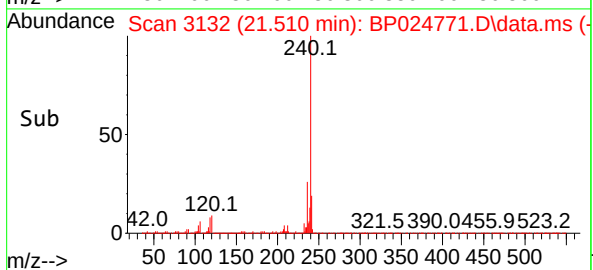
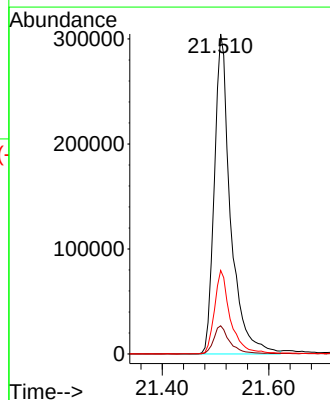
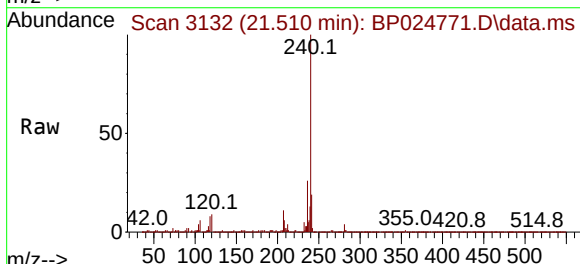
Instrument :
BNA_P
ClientSampleId :
PB168092TB

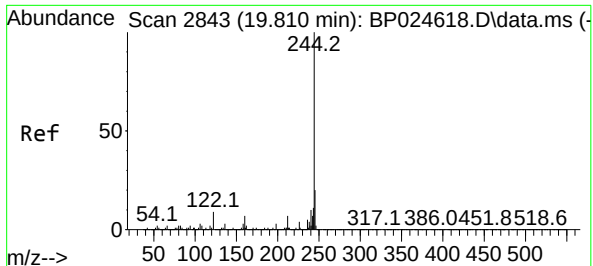
Tgt Ion:188 Resp: 545522
Ion Ratio Lower Upper
188 100
94 7.3 6.5 9.7
80 8.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

Tgt Ion:240 Resp: 641942
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 26.1 20.6 31.0

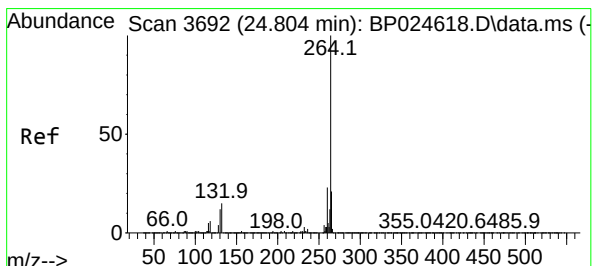
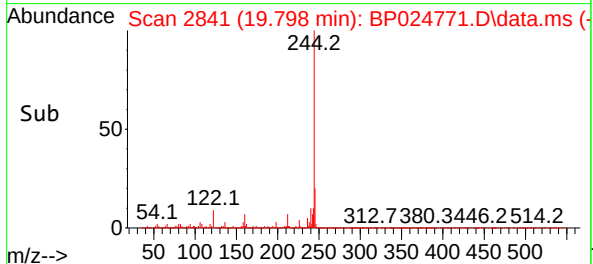
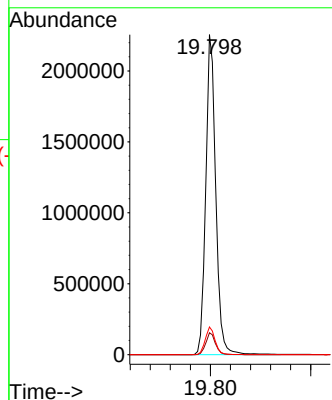
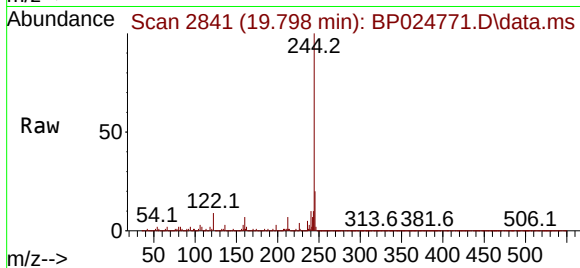




#79
Terphenyl-d14
Concen: 83.281 ng
RT: 19.798 min Scan# 2841
Delta R.T. -0.012 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

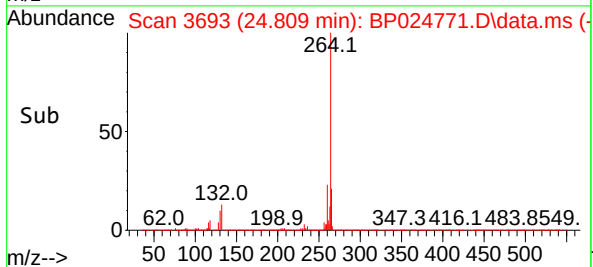
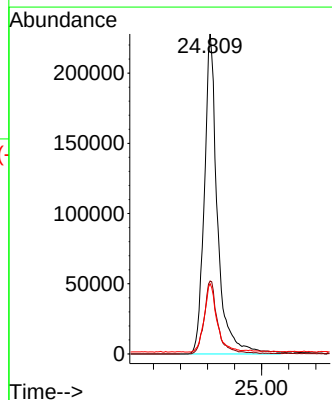
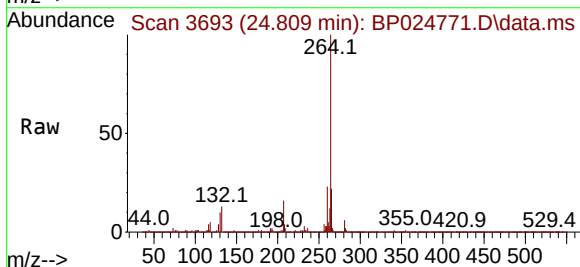
Instrument :
BNA_P
ClientSampleId :
PB168092TB

Tgt Ion:244 Resp: 3117834
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 8.7 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.809 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024771.D
Acq: 22 May 2025 23:50

Tgt Ion:264 Resp: 766499
Ion Ratio Lower Upper
264 100
260 22.8 18.7 28.1
265 21.9 17.0 25.6



Report of Analysis

Client:	ENTACT	Date Collected:	05/13/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A4-04-C	SDG No.:	Q2078
Lab Sample ID:	Q2078-03	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024772.D	1	05/22/25 11:14	05/23/25 00:30	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.013	U	0.013	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.0053	U	0.0053	0.050	mg/L
95-48-7	2-Methylphenol	0.011	U	0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.011	U	0.011	0.10	mg/L
67-72-1	Hexachloroethane	0.0065	U	0.0065	0.050	mg/L
98-95-3	Nitrobenzene	0.0076	U	0.0076	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.0054	U	0.0054	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.0051	U	0.0051	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.0062	U	0.0062	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.012	U	0.012	0.050	mg/L
118-74-1	Hexachlorobenzene	0.0052	U	0.0052	0.050	mg/L
87-86-5	Pentachlorophenol	0.016	U	0.016	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	133		15 (10) - 110 (139)	89%	SPK: 150
13127-88-3	Phenol-d6	114		15 (10) - 110 (134)	76%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.5		30 (49) - 130 (133)	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.7		30 (52) - 130 (132)	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	170	*	15 (44) - 110 (137)	113%	SPK: 150
1718-51-0	Terphenyl-d14	90.7		30 (48) - 130 (125)	91%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	86800	7.652			
1146-65-2	Naphthalene-d8	331000	10.422			
15067-26-2	Acenaphthene-d10	206000	14.281			
1517-22-2	Phenanthrene-d10	417000	17.075			
1719-03-5	Chrysene-d12	525000	21.515			
1520-96-3	Perylene-d12	637000	24.804			

Report of Analysis

Client:	ENTACT	Date Collected:	05/13/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A4-04-C	SDG No.:	Q2078
Lab Sample ID:	Q2078-03	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024772.D	1	05/22/25 11:14	05/23/25 00:30	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP052225\
 Data File : BP024772.D
 Acq On : 23 May 2025 00:30
 Operator : RC/JU
 Sample : Q2078-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-A4-04-C

Quant Time: May 23 03:24:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

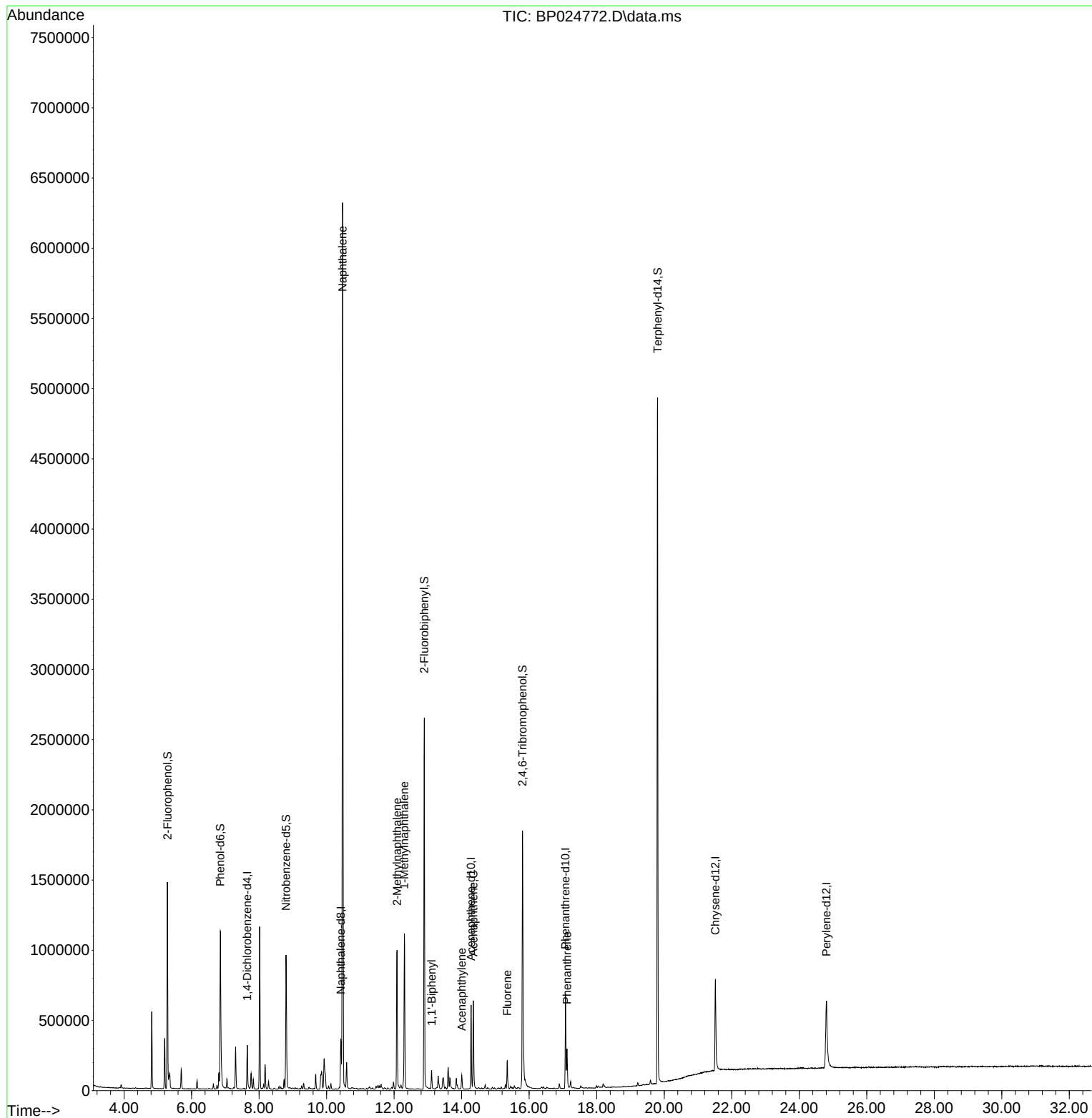
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	86782	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	330527	20.000	ng	-0.01
39) Acenaphthene-d10	14.281	164	206491	20.000	ng	-0.02
64) Phenanthrene-d10	17.075	188	416610	20.000	ng	-0.02
76) Chrysene-d12	21.515	240	524798	20.000	ng	0.00
86) Perylene-d12	24.804	264	636519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	674345	132.905	ng	0.00
7) Phenol-d6	6.852	99	738800	114.089	ng	0.00
23) Nitrobenzene-d5	8.799	82	507184	77.531	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	594634	169.865	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1319776	83.736	ng	-0.01
79) Terphenyl-d14	19.804	244	2776496	90.718	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.475	128	5252016	306.629	ng	99
37) 2-Methylnaphthalene	12.087	142	482786	43.531	ng	98
38) 1-Methylnaphthalene	12.304	142	518655	43.707	ng	99
46) 1,1'-Biphenyl	13.110	154	74604	4.888	ng	98
49) Acenaphthylene	14.004	152	46864	2.406	ng	# 93
52) Acenaphthene	14.345	154	252180	22.526	ng	100
58) Fluorene	15.351	166	94772	6.509	ng	99
71) Phenanthrene	17.122	178	197522	8.529	ng	100

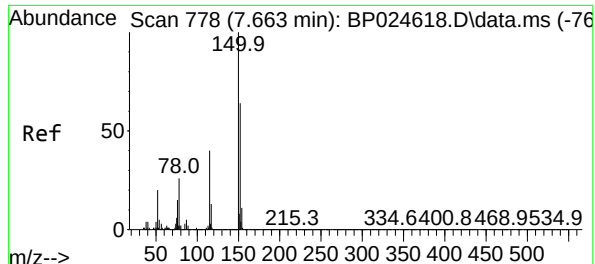
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024772.D
Acq On : 23 May 2025 00:30
Operator : RC/JU
Sample : Q2078-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-A4-04-C

Quant Time: May 23 03:24:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

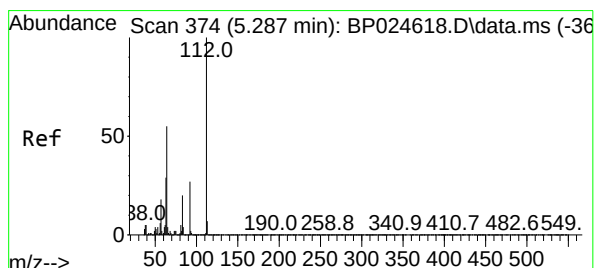
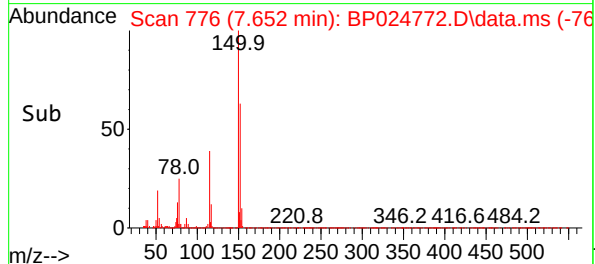
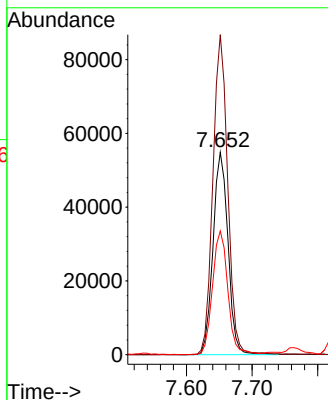
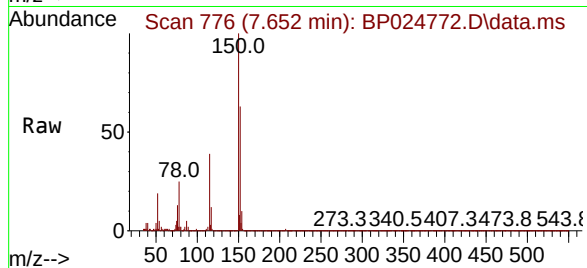




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 778
Delta R.T. -0.011 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

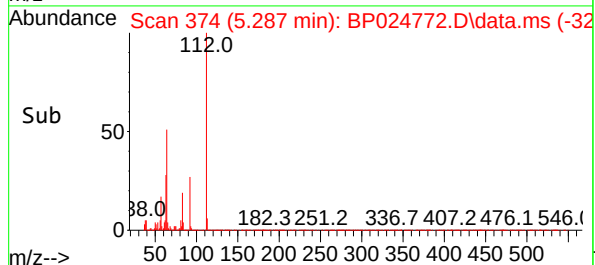
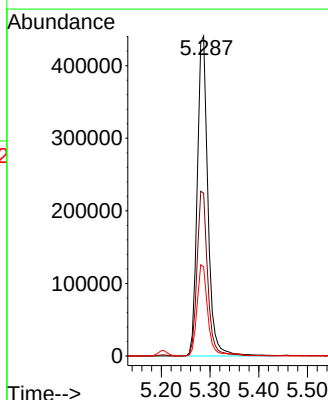
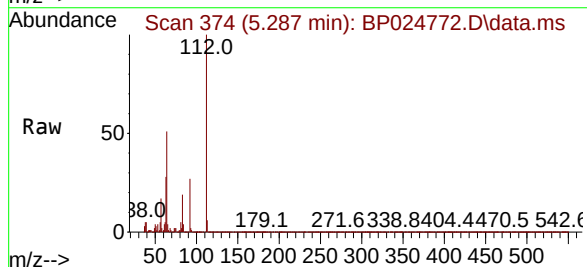
Instrument :
BNA_P
ClientSampleId :
WC-A4-04-C

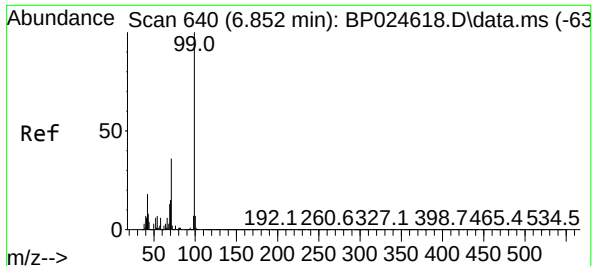
Tgt Ion:152 Resp: 86782
Ion Ratio Lower Upper
152 100
150 158.1 125.9 188.9
115 61.1 50.1 75.1



#5
2-Fluorophenol
Concen: 132.905 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

Tgt Ion:112 Resp: 674345
Ion Ratio Lower Upper
112 100
64 50.9 44.1 66.1
63 27.9 23.5 35.3

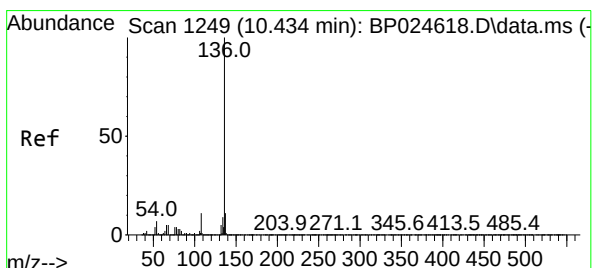
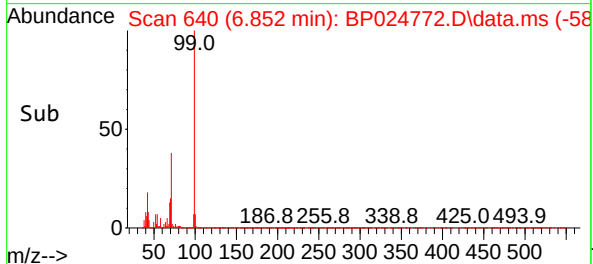
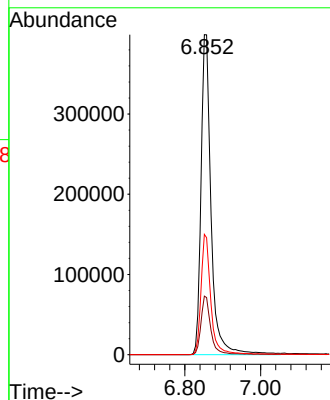
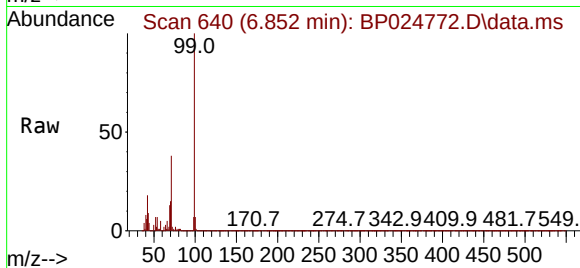




#7
Phenol-d6
Concen: 114.089 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

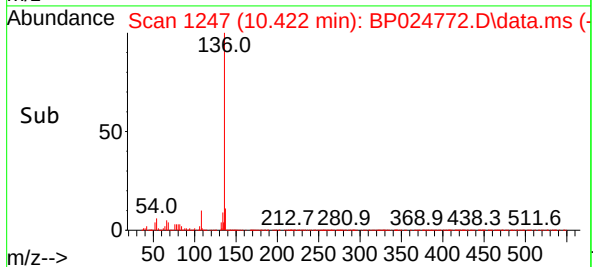
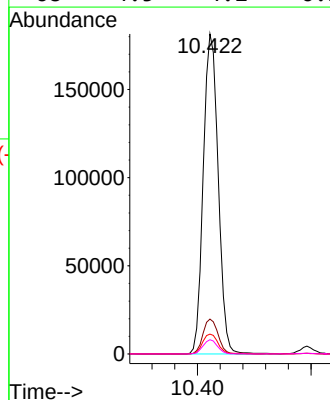
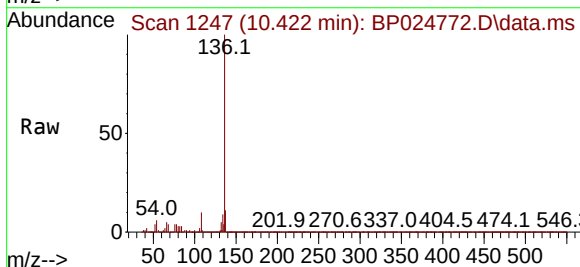
Instrument :
BNA_P
ClientSampleId :
WC-A4-04-C

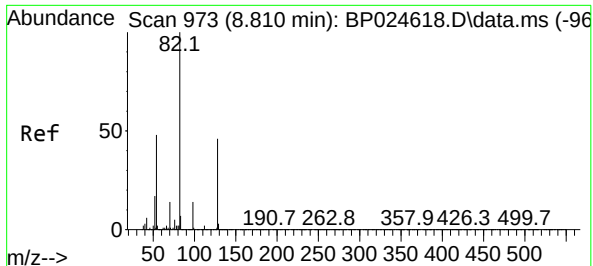
Tgt Ion: 99 Resp: 738800
Ion Ratio Lower Upper
99 100
42 18.3 14.4 21.6
71 37.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

Tgt Ion: 136 Resp: 330527
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.2 5.5 8.3
68 4.5 4.2 6.2

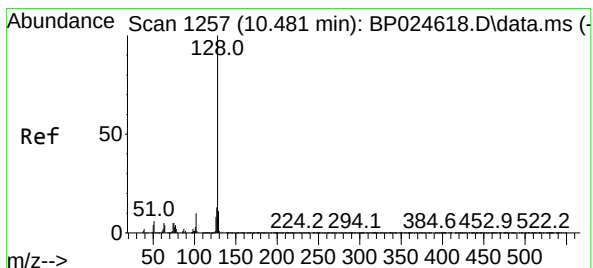
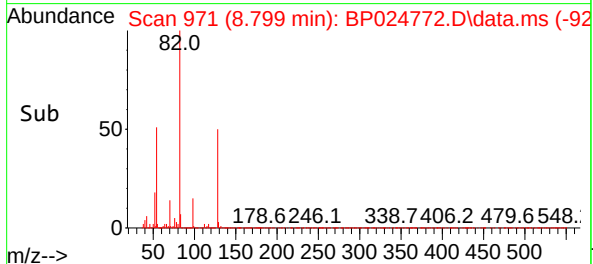
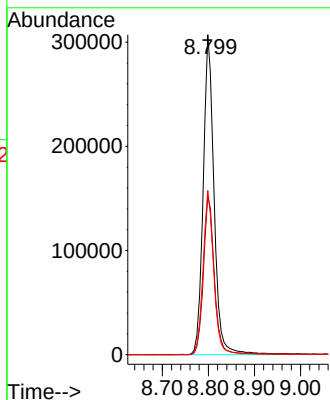
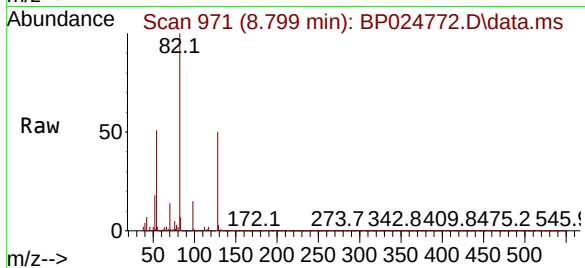




#23
Nitrobenzene-d5
Concen: 77.531 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

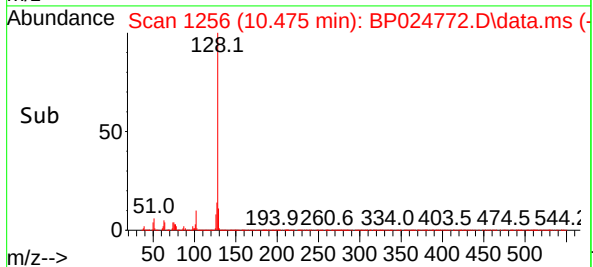
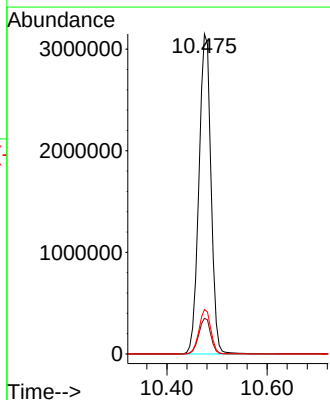
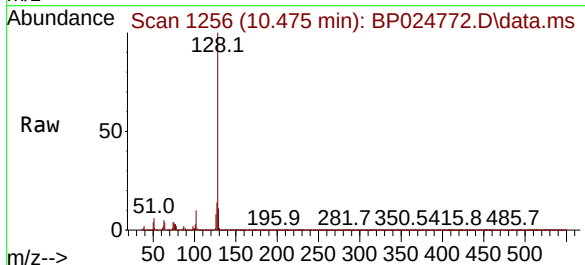
Instrument :
BNA_P
ClientSampleId :
WC-A4-04-C

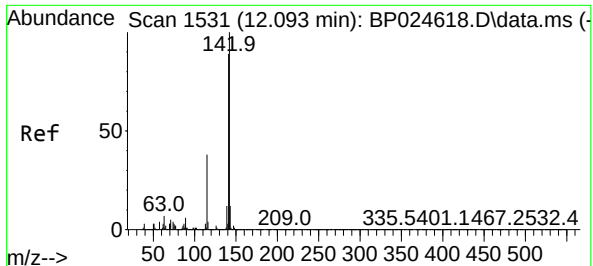
Tgt Ion: 82 Resp: 507184
Ion Ratio Lower Upper
82 100
128 49.5 37.0 55.4
54 51.3 38.7 58.1



#31
Naphthalene
Concen: 306.629 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

Tgt Ion:128 Resp: 5252016
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.9 10.7 16.1

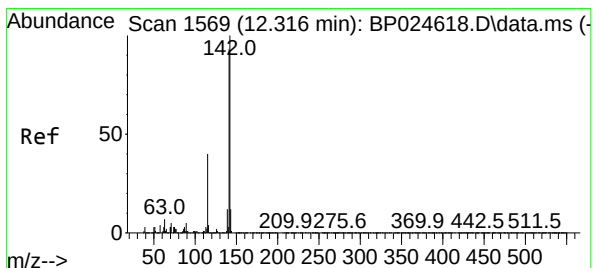
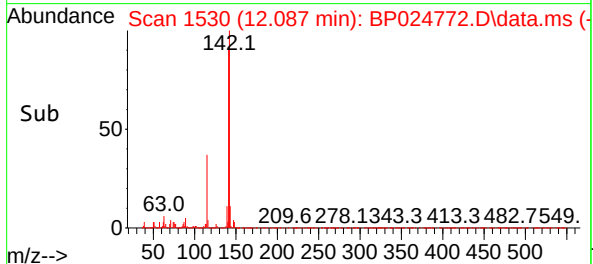
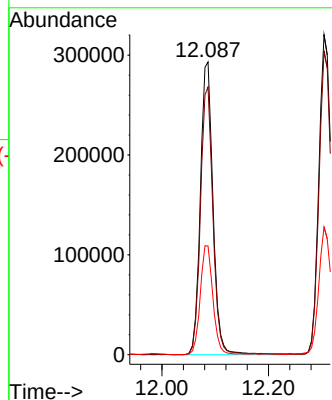
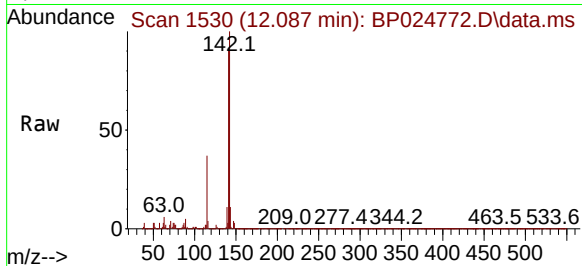




#37
2-Methylnaphthalene
Concen: 43.531 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

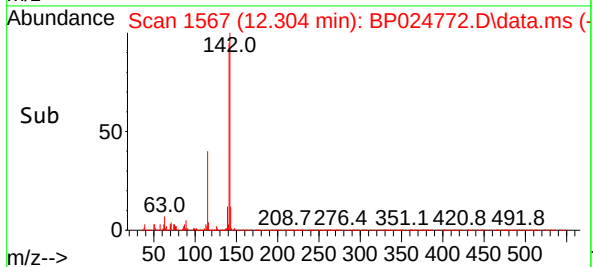
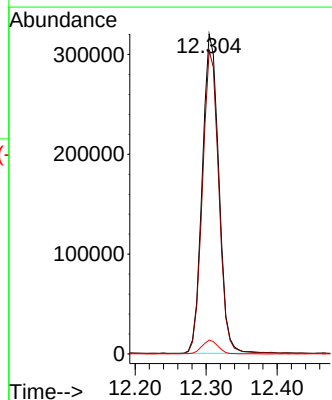
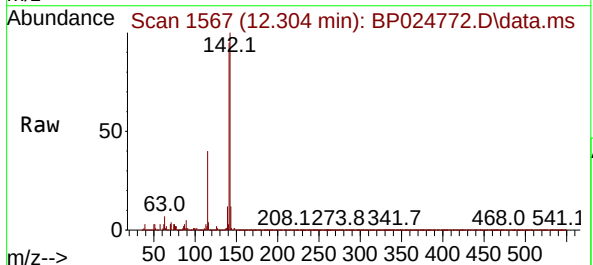
Instrument :
BNA_P
ClientSampleId :
WC-A4-04-C

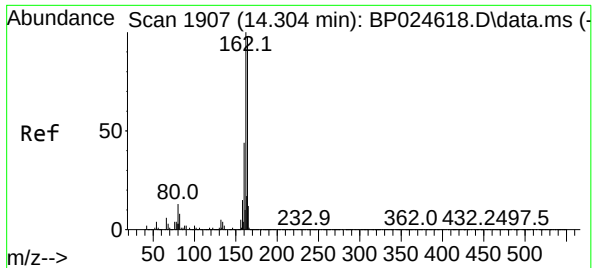
Tgt Ion:142 Resp: 482786
Ion Ratio Lower Upper
142 100
141 91.4 71.2 106.8
115 37.1 30.6 46.0



#38
1-Methylnaphthalene
Concen: 43.707 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

Tgt Ion:142 Resp: 518655
Ion Ratio Lower Upper
142 100
141 94.8 74.7 112.1
116 4.3 3.4 5.2

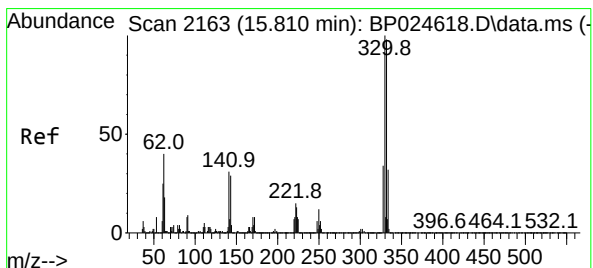
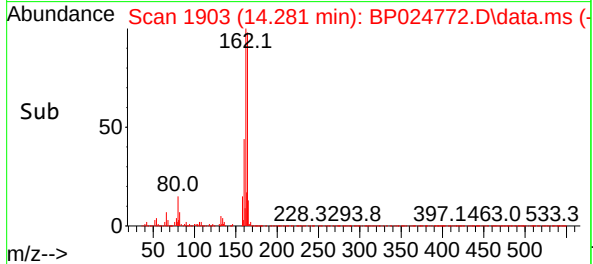
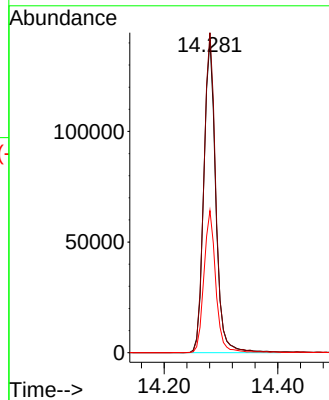
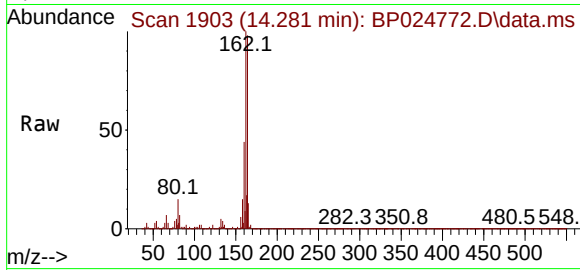




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.024 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

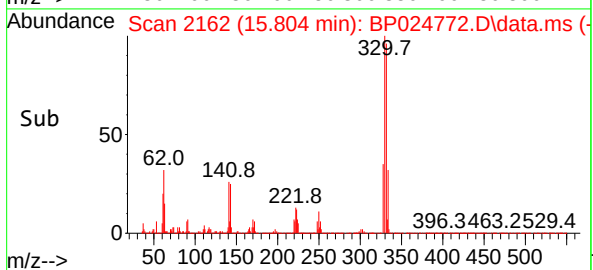
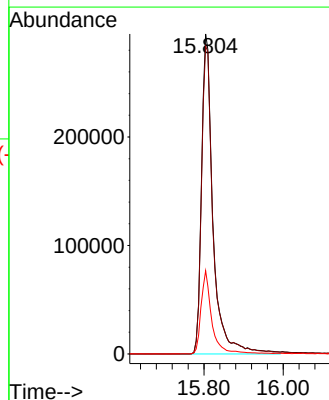
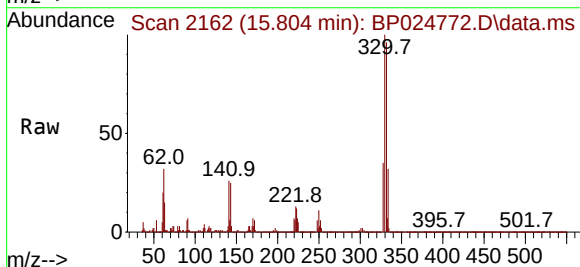
Instrument :
BNA_P
ClientSampleId :
WC-A4-04-C

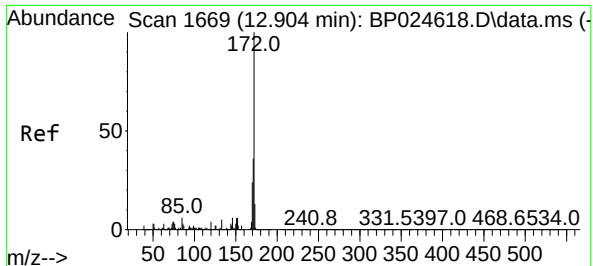
Tgt Ion:164 Resp: 206491
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 45.4 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 169.865 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

Tgt Ion:330 Resp: 594634
Ion Ratio Lower Upper
330 100
332 98.5 78.2 117.4
141 24.3 24.3 36.5

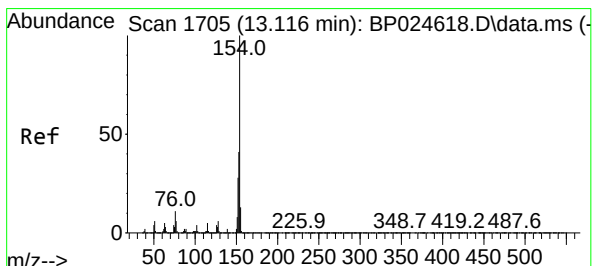
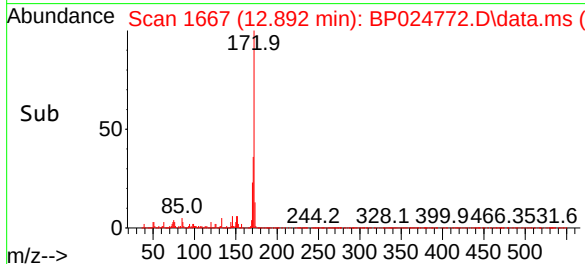
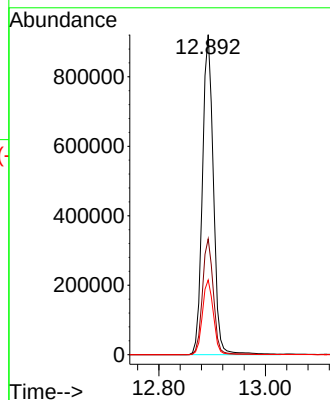
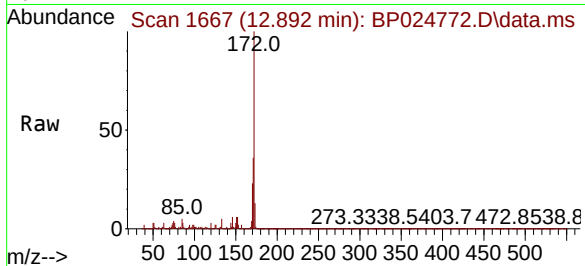




#45
2-Fluorobiphenyl
Concen: 83.736 ng
RT: 12.892 min Scan# 1669
Delta R.T. -0.012 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

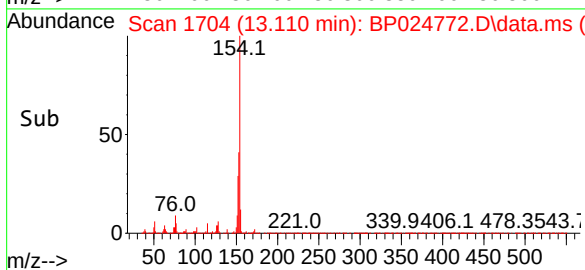
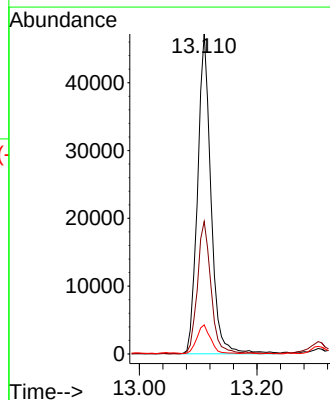
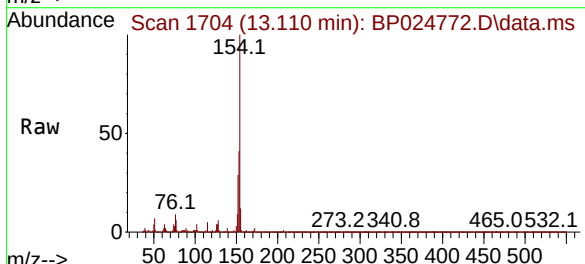
Instrument :
BNA_P
ClientSampleId :
WC-A4-04-C

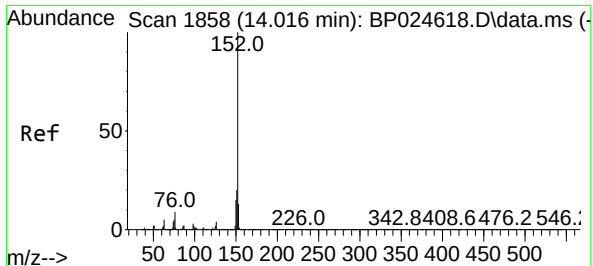
Tgt Ion:172 Resp: 1319776
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 4.888 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

Tgt Ion:154 Resp: 74604
Ion Ratio Lower Upper
154 100
153 41.4 21.0 61.0
76 9.1 0.0 31.5

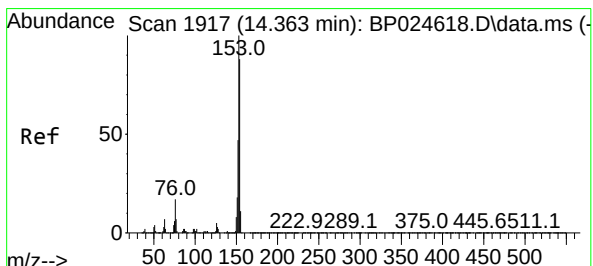
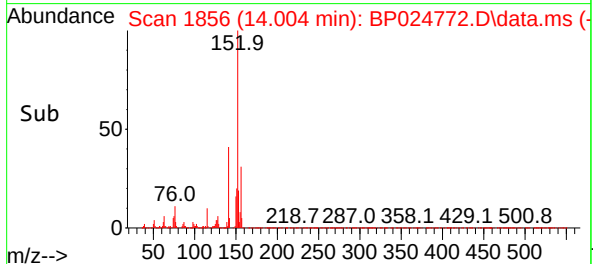
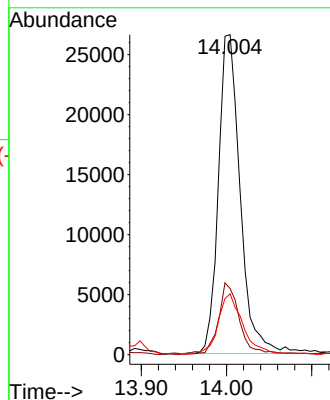
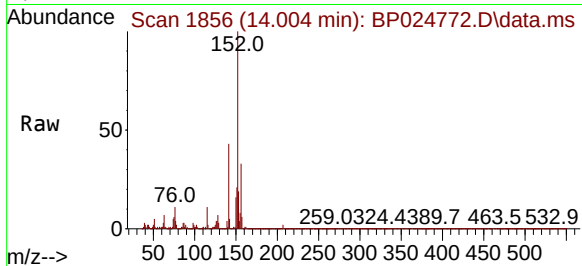




#49
Acenaphthylene
Concen: 2.406 ng
RT: 14.004 min Scan# 1856
Delta R.T. -0.012 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

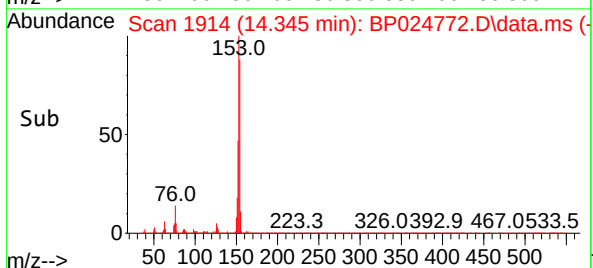
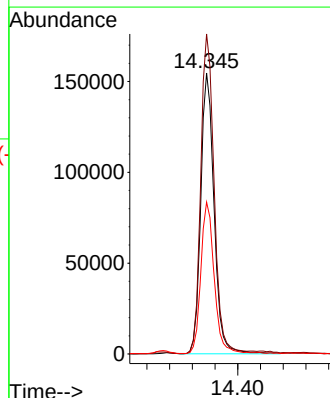
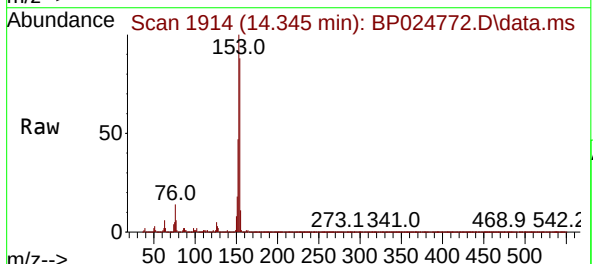
Instrument :
BNA_P
ClientSampleId :
WC-A4-04-C

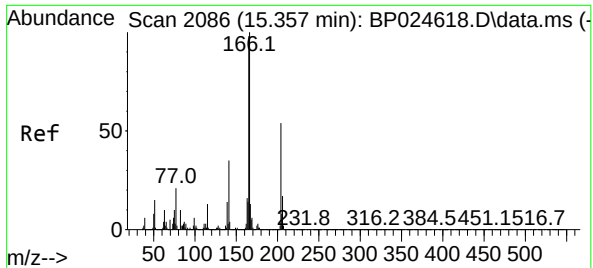
Tgt Ion:152 Resp: 46864
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 19.0 10.2 15.4#



#52
Acenaphthene
Concen: 22.526 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

Tgt Ion:154 Resp: 252180
Ion Ratio Lower Upper
154 100
153 113.9 91.0 136.4
152 54.1 42.9 64.3

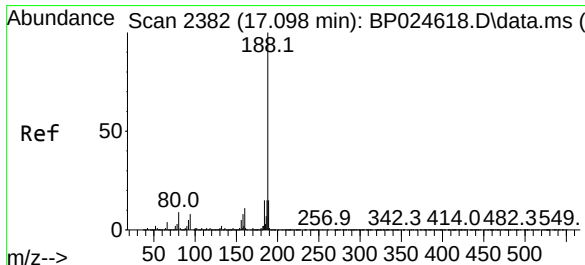
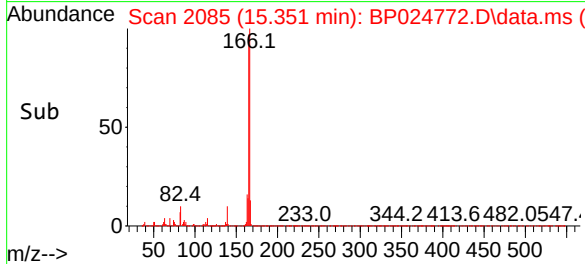
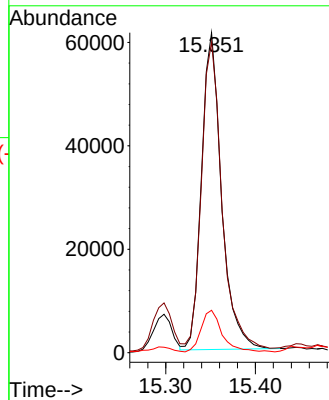
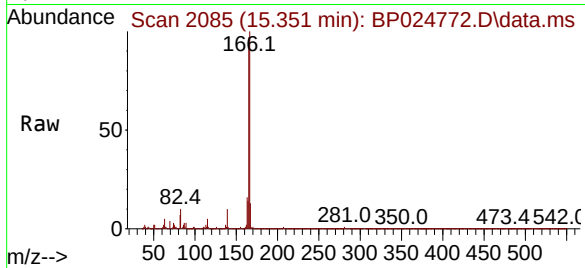




#58
Fluorene
Concen: 6.509 ng
RT: 15.351 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

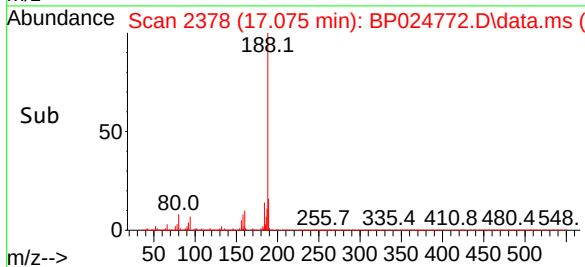
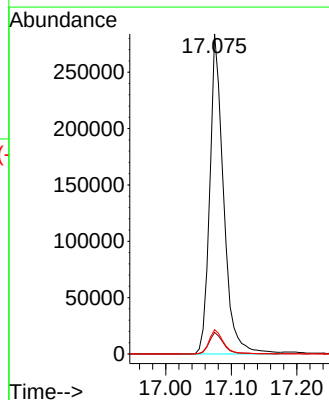
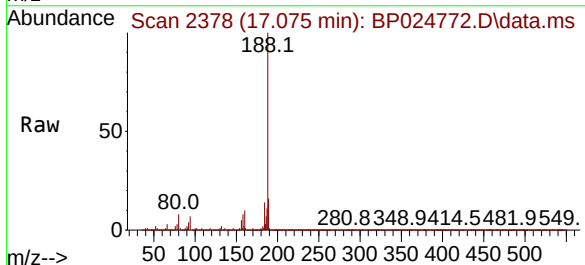
Instrument :
BNA_P
ClientSampleId :
WC-A4-04-C

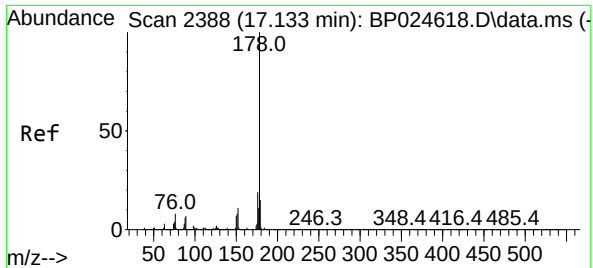
Tgt Ion:166 Resp: 94772
Ion Ratio Lower Upper
166 100
165 97.1 78.5 117.7
167 13.2 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.075 min Scan# 2378
Delta R.T. -0.024 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

Tgt Ion:188 Resp: 416610
Ion Ratio Lower Upper
188 100
94 6.8 6.5 9.7
80 7.6 7.3 10.9

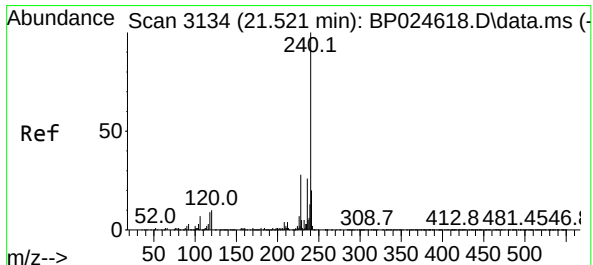
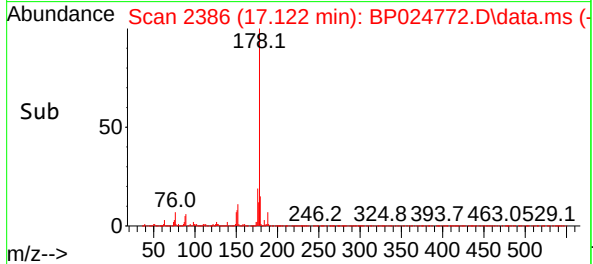
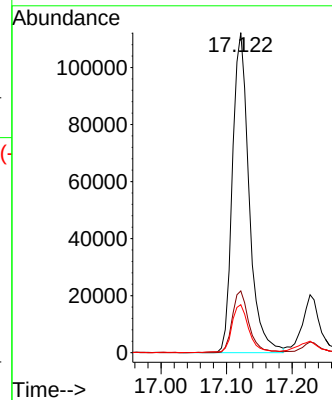
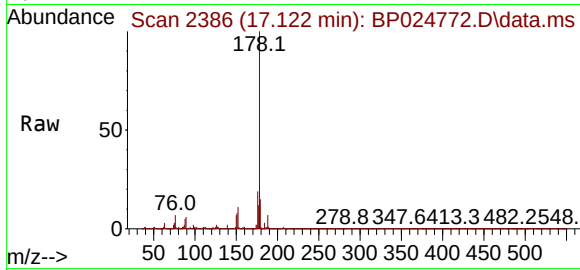




#71
Phenanthrene
Concen: 8.529 ng
RT: 17.122 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

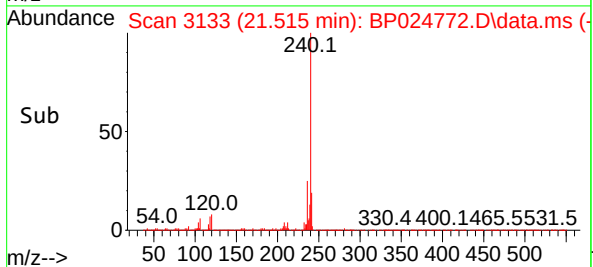
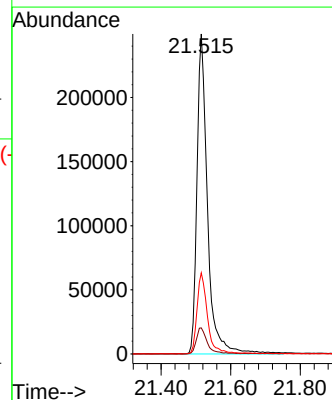
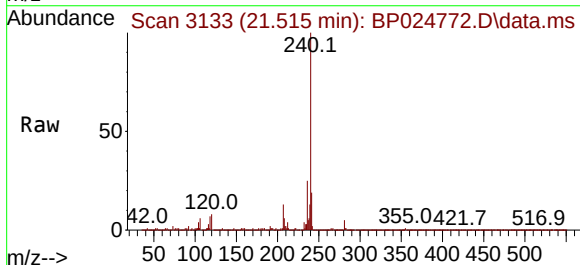
Instrument :
BNA_P
ClientSampleId :
WC-A4-04-C

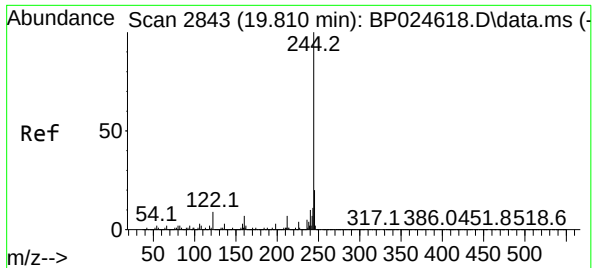
Tgt Ion:178 Resp: 197522
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.0 12.2 18.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024772.D
Acq: 23 May 2025 00:30

Tgt Ion:240 Resp: 524798
Ion Ratio Lower Upper
240 100
120 8.2 7.8 11.6
236 25.3 20.6 31.0





#79

Terphenyl-d14

Concen: 90.718 ng

RT: 19.804 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP024772.D

Acq: 23 May 2025 00:30

Instrument :

BNA_P

ClientSampleId :

WC-A4-04-C

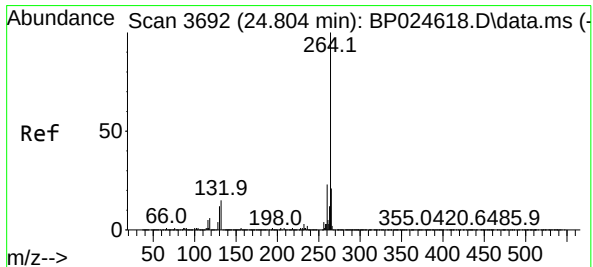
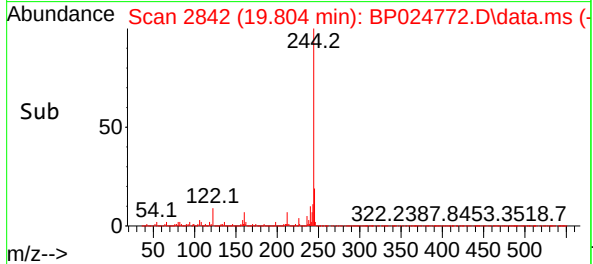
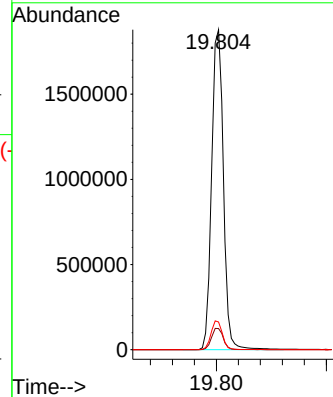
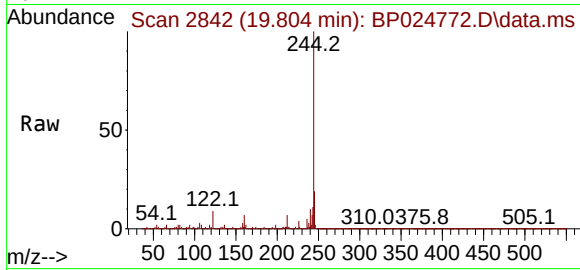
Tgt Ion:244 Resp: 2776496

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 8.7 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.804 min Scan# 3692

Delta R.T. -0.000 min

Lab File: BP024772.D

Acq: 23 May 2025 00:30

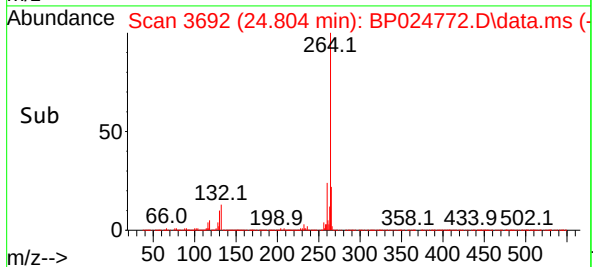
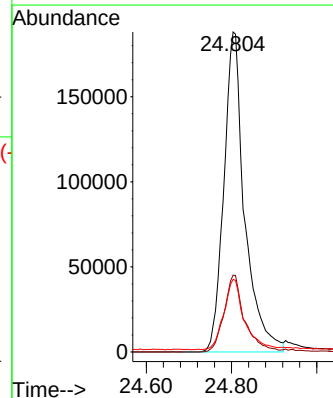
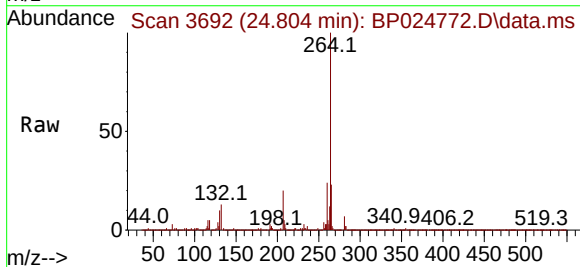
Tgt Ion:264 Resp: 636519

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.7 17.0 25.6



Report of Analysis

Client:	ENTACT	Date Collected:	05/13/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A4-05-C	SDG No.:	Q2078
Lab Sample ID:	Q2078-07	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024773.D	1	05/22/25 11:14	05/23/25 01:11	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.013	U	0.013	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.0053	U	0.0053	0.050	mg/L
95-48-7	2-Methylphenol	0.011	U	0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.011	U	0.011	0.10	mg/L
67-72-1	Hexachloroethane	0.0065	U	0.0065	0.050	mg/L
98-95-3	Nitrobenzene	0.0076	U	0.0076	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.0054	U	0.0054	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.0051	U	0.0051	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.0062	U	0.0062	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.012	U	0.012	0.050	mg/L
118-74-1	Hexachlorobenzene	0.0052	U	0.0052	0.050	mg/L
87-86-5	Pentachlorophenol	0.016	U	0.016	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	130		15 (10) - 110 (139)	87%	SPK: 150
13127-88-3	Phenol-d6	113		15 (10) - 110 (134)	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.4		30 (49) - 130 (133)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.2		30 (52) - 130 (132)	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	172	*	15 (44) - 110 (137)	115%	SPK: 150
1718-51-0	Terphenyl-d14	95.0		30 (48) - 130 (125)	95%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	99600	7.652			
1146-65-2	Naphthalene-d8	391000	10.428			
15067-26-2	Acenaphthene-d10	258000	14.281			
1517-22-2	Phenanthrene-d10	521000	17.081			
1719-03-5	Chrysene-d12	636000	21.516			
1520-96-3	Perylene-d12	777000	24.798			

Report of Analysis

Client:	ENTACT		Date Collected:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A4-05-C		SDG No.:	Q2078	
Lab Sample ID:	Q2078-07		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024773.D	1	05/22/25 11:14	05/23/25 01:11	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP052225\
 Data File : BP024773.D
 Acq On : 23 May 2025 01:11
 Operator : RC/JU
 Sample : Q2078-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-A4-05-C

Quant Time: May 23 03:28:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

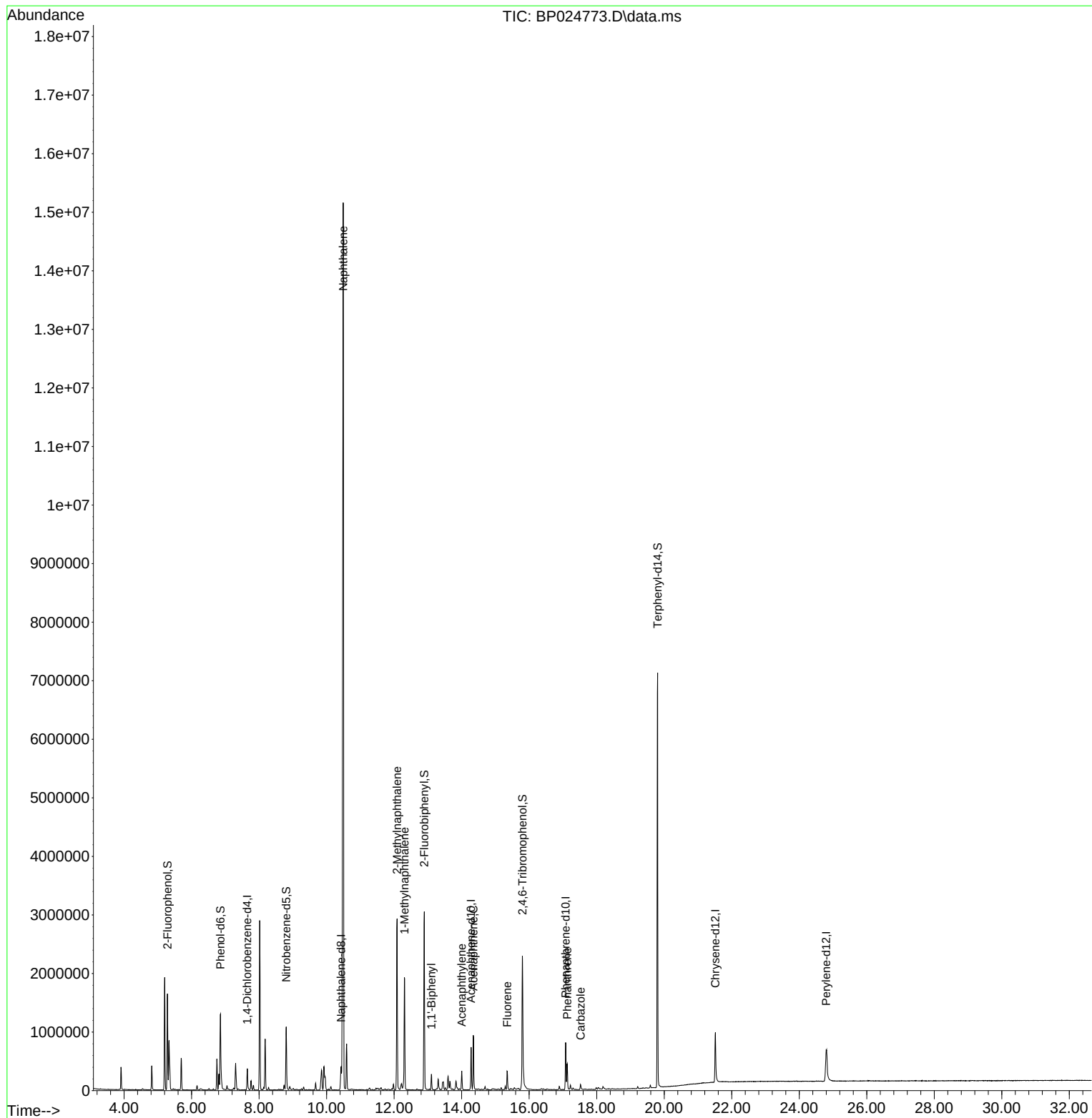
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	99554	20.000	ng	-0.01
21) Naphthalene-d8	10.428	136	390957	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	258032	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	520855	20.000	ng	-0.02
76) Chrysene-d12	21.516	240	636443	20.000	ng	0.00
86) Perylene-d12	24.798	264	777089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	756946	130.046	ng	0.00
7) Phenol-d6	6.858	99	837979	112.803	ng	0.00
23) Nitrobenzene-d5	8.805	82	591257	76.413	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	753806	172.323	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1599704	81.223	ng	-0.01
79) Terphenyl-d14	19.804	244	3527686	95.042	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.493	128	14294365	705.555	ng	98
37) 2-Methylnaphthalene	12.087	142	1393138	106.197	ng	99
38) 1-Methylnaphthalene	12.310	142	865000	61.626	ng	99
46) 1,1'-Biphenyl	13.104	154	135357	7.097	ng	99
49) Acenaphthylene	14.004	152	187555	7.707	ng	98
52) Acenaphthene	14.346	154	338913	24.226	ng	100
58) Fluorene	15.351	166	162087	8.908	ng	99
71) Phenanthrene	17.128	178	299727	10.351	ng	99
73) Carbazole	17.522	167	71957	2.729	ng	100

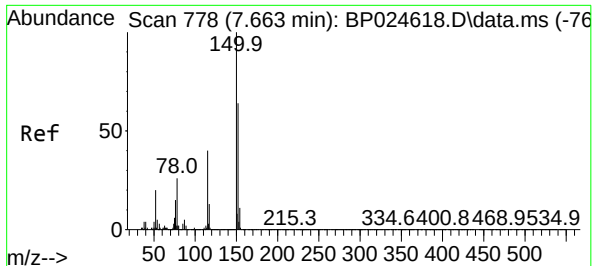
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024773.D
Acq On : 23 May 2025 01:11
Operator : RC/JU
Sample : Q2078-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-A4-05-C

Quant Time: May 23 03:28:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

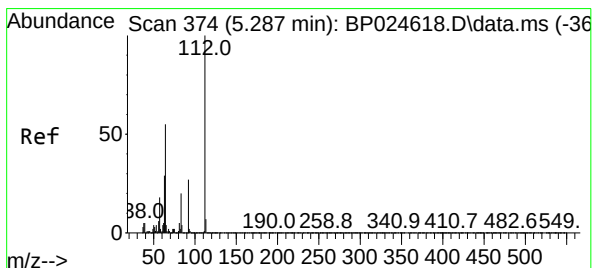
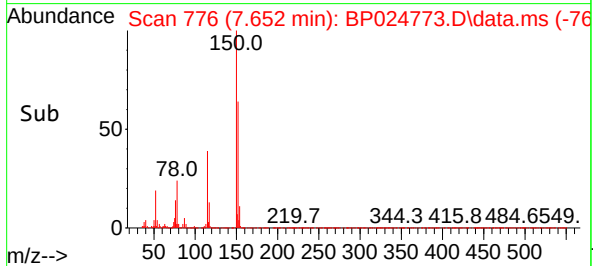
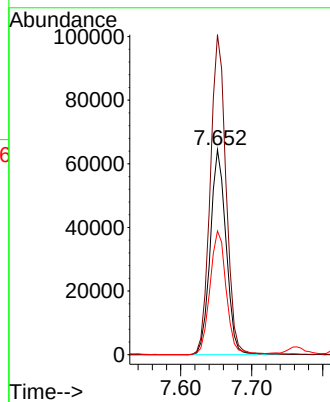
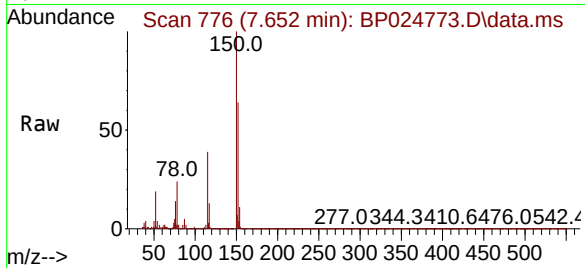




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

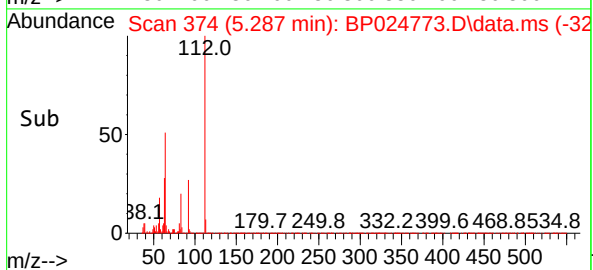
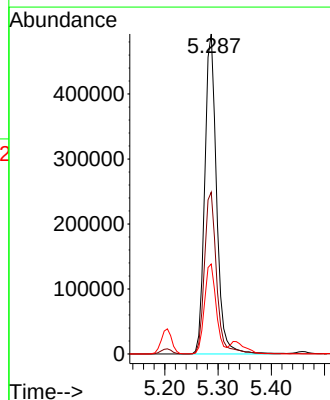
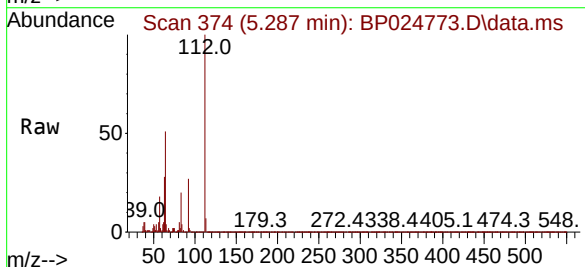
Instrument :
BNA_P
ClientSampleId :
WC-A4-05-C

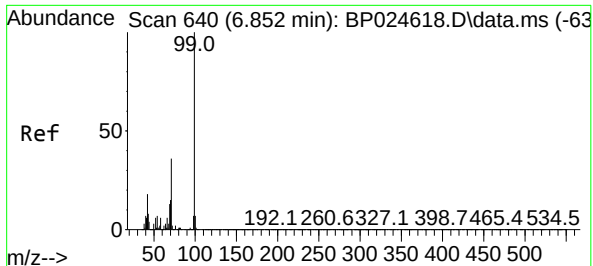
Tgt Ion:152 Resp: 99554
Ion Ratio Lower Upper
152 100
150 156.1 125.9 188.9
115 60.3 50.1 75.1



#5
2-Fluorophenol
Concen: 130.046 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

Tgt Ion:112 Resp: 756946
Ion Ratio Lower Upper
112 100
64 50.6 44.1 66.1
63 28.1 23.5 35.3

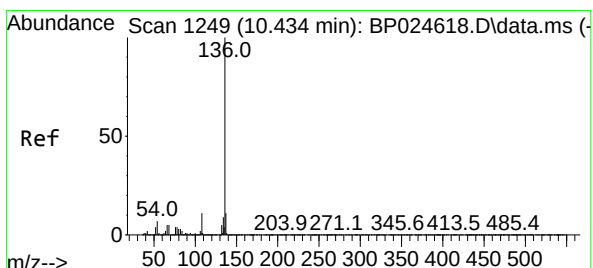
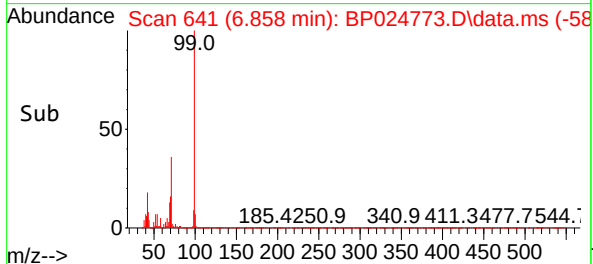
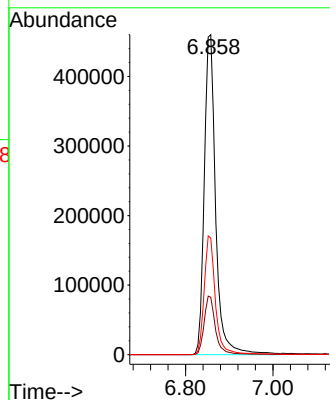
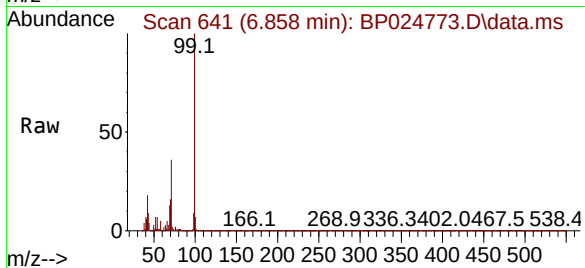




#7
Phenol-d6
Concen: 112.803 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.006 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

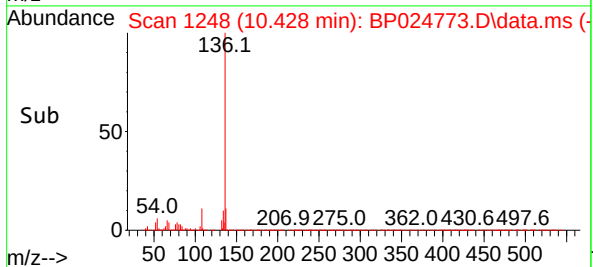
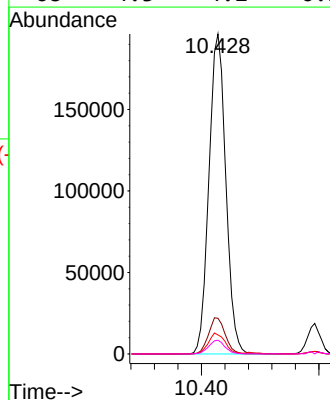
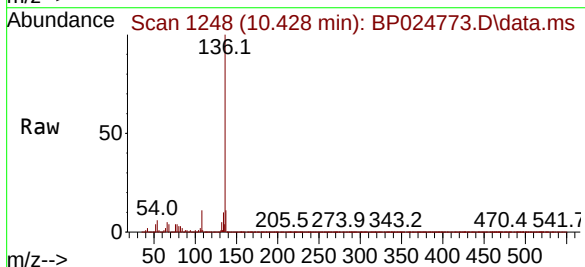
Instrument :
BNA_P
ClientSampleId :
WC-A4-05-C

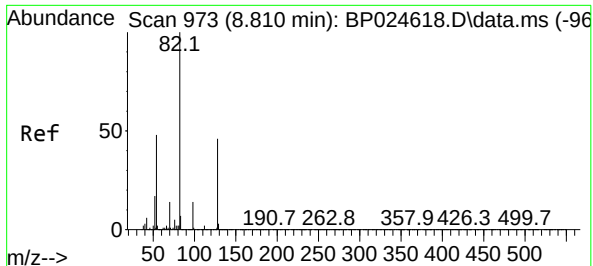
Tgt Ion: 99 Resp: 837979
Ion Ratio Lower Upper
99 100
42 18.0 14.4 21.6
71 36.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

Tgt Ion: 136 Resp: 390957
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.9 5.5 8.3
68 4.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 76.413 ng

RT: 8.805 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024773.D

Acq: 23 May 2025 01:11

Instrument :

BNA_P

ClientSampleId :

WC-A4-05-C

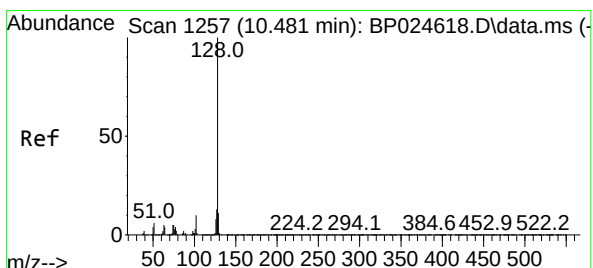
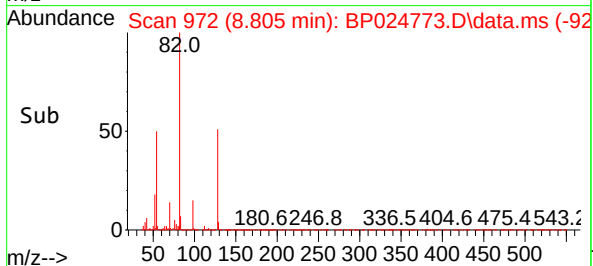
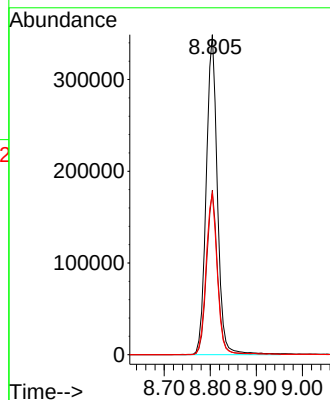
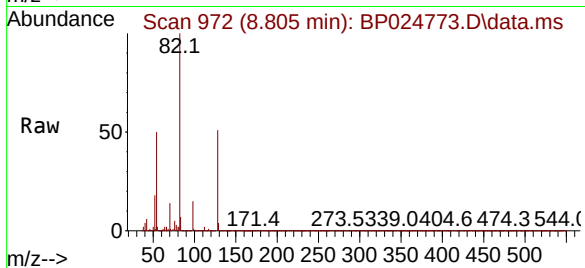
Tgt Ion: 82 Resp: 591257

Ion Ratio Lower Upper

82 100

128 51.4 37.0 55.4

54 50.3 38.7 58.1



#31

Naphthalene

Concen: 705.555 ng

RT: 10.493 min Scan# 1259

Delta R.T. 0.012 min

Lab File: BP024773.D

Acq: 23 May 2025 01:11

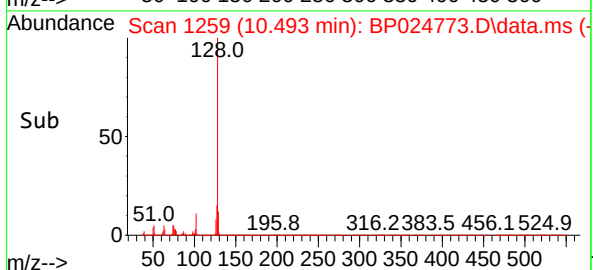
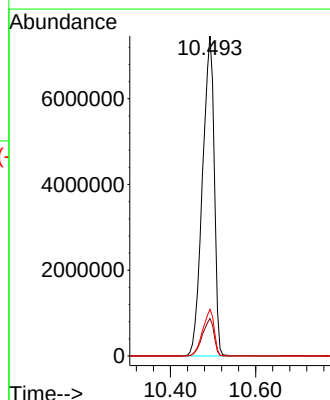
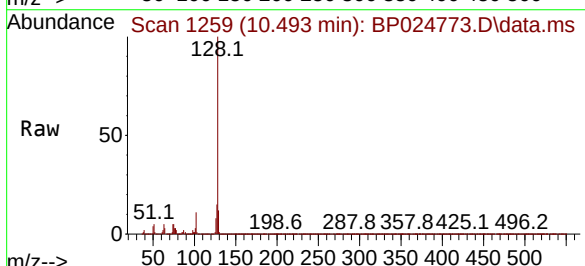
Tgt Ion:128 Resp:14294365

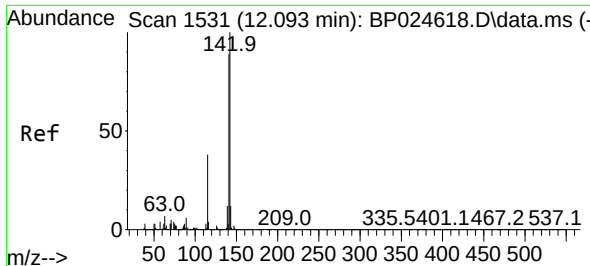
Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

127 14.5 10.7 16.1

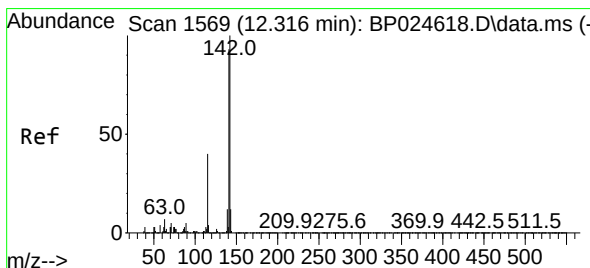
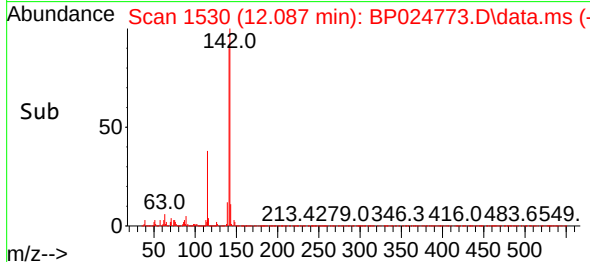
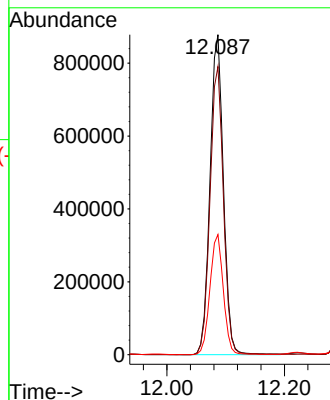
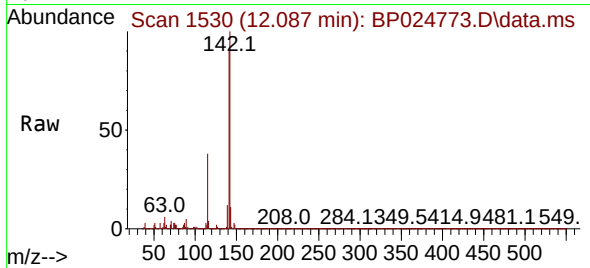




#37
2-Methylnaphthalene
Concen: 106.197 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

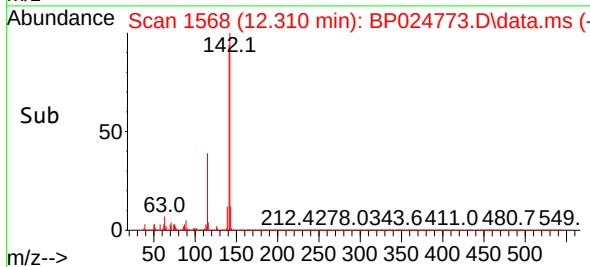
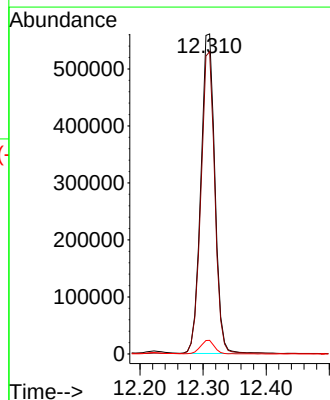
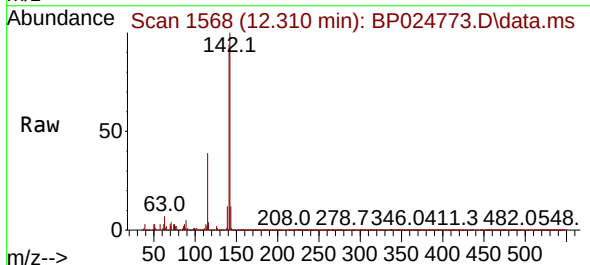
Instrument :
BNA_P
ClientSampleId :
WC-A4-05-C

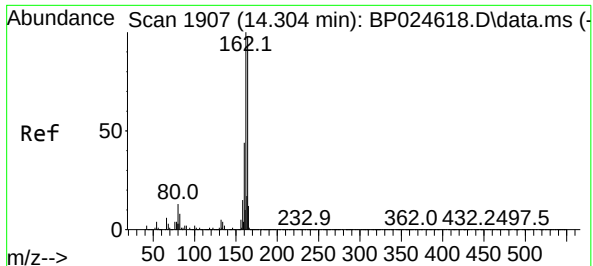
Tgt Ion:142 Resp: 1393138
Ion Ratio Lower Upper
142 100
141 90.0 71.2 106.8
115 37.5 30.6 46.0



#38
1-Methylnaphthalene
Concen: 61.626 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

Tgt Ion:142 Resp: 865000
Ion Ratio Lower Upper
142 100
141 94.4 74.7 112.1
116 4.2 3.4 5.2

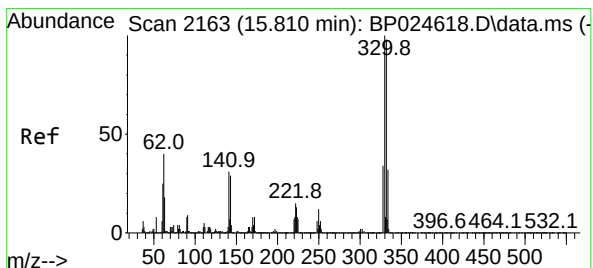
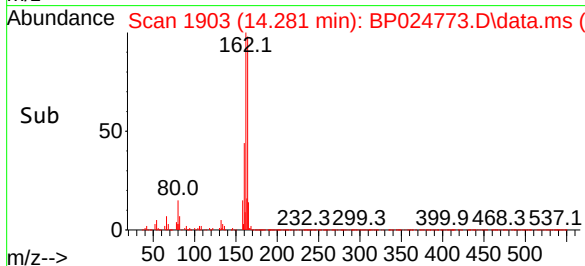
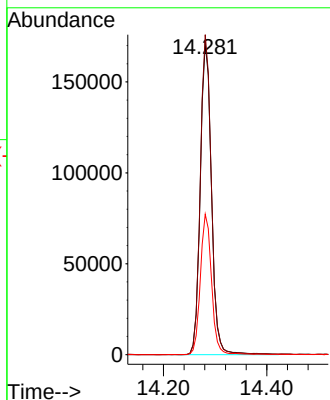
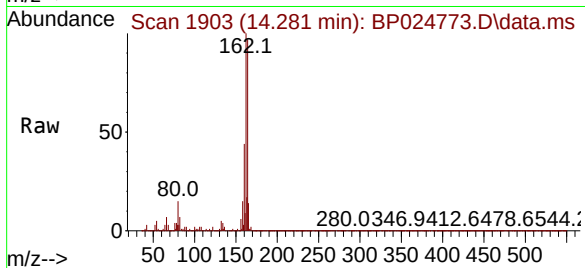




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

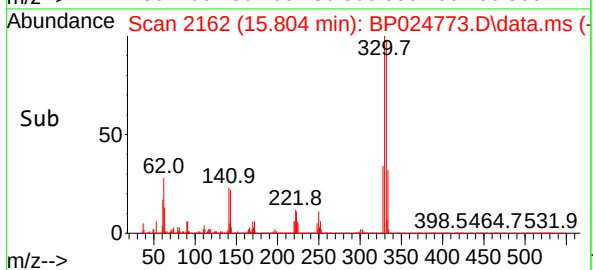
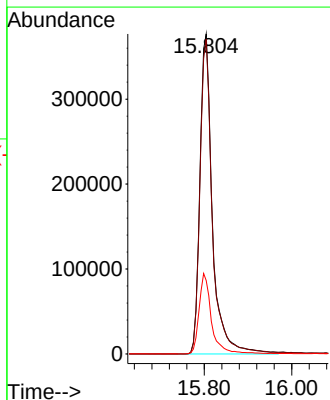
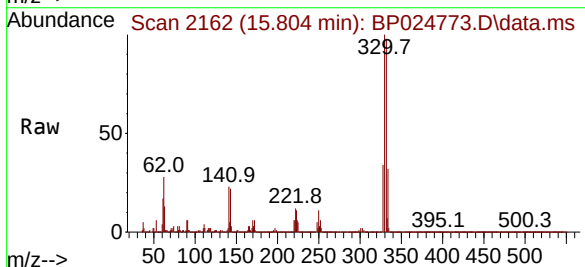
Instrument :
BNA_P
ClientSampleId :
WC-A4-05-C

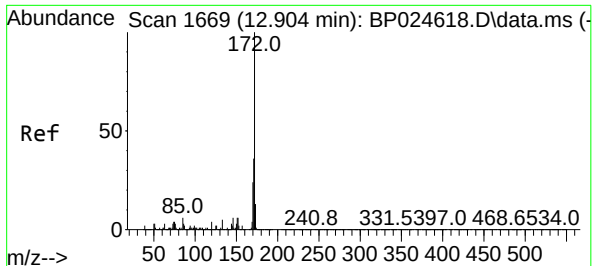
Tgt Ion:164 Resp: 258032
Ion Ratio Lower Upper
164 100
162 102.7 81.8 122.6
160 45.1 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 172.323 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

Tgt Ion:330 Resp: 753806
Ion Ratio Lower Upper
330 100
332 98.4 78.2 117.4
141 24.9 24.3 36.5

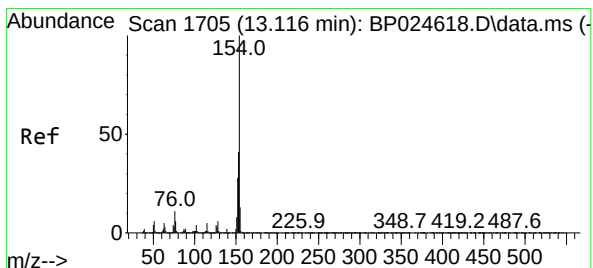
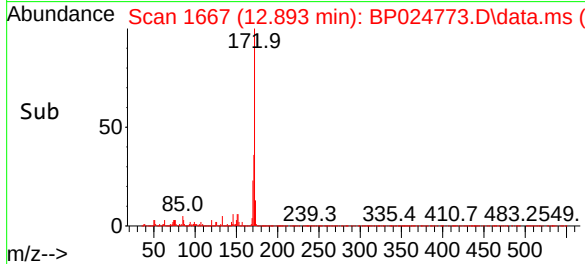
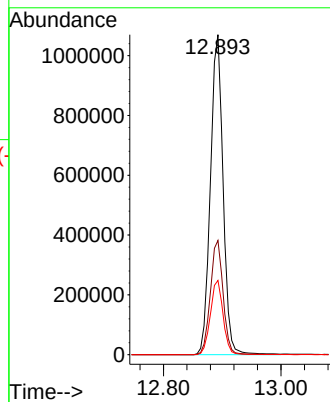
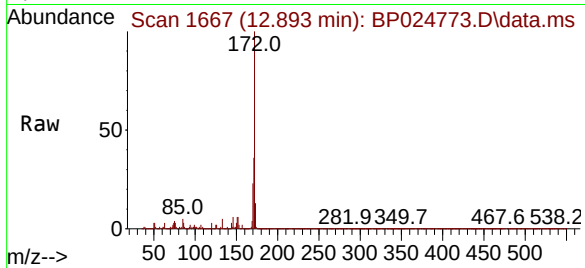




#45
2-Fluorobiphenyl
Concen: 81.223 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

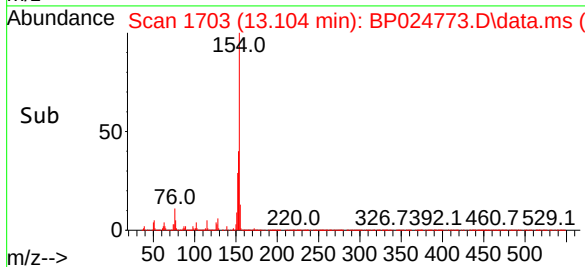
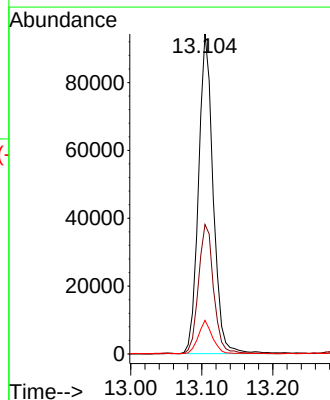
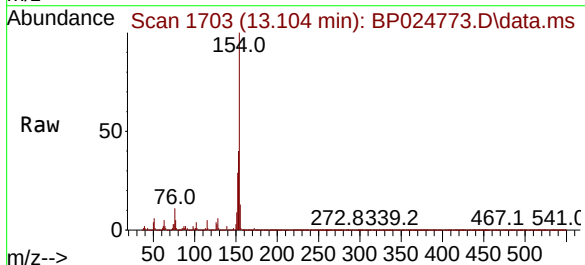
Instrument :
BNA_P
ClientSampleId :
WC-A4-05-C

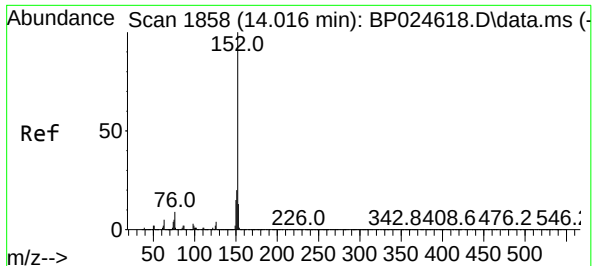
Tgt Ion:172 Resp: 1599704
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.2 18.8 28.2



#46
1,1'-Biphenyl
Concen: 7.097 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

Tgt Ion:154 Resp: 135357
Ion Ratio Lower Upper
154 100
153 40.4 21.0 61.0
76 10.5 0.0 31.5

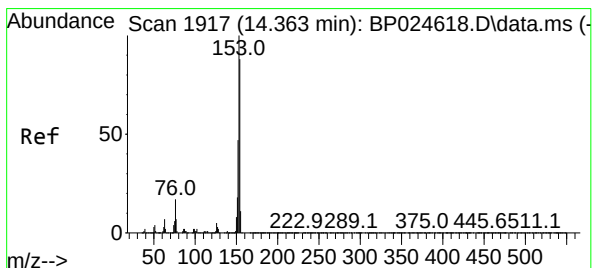
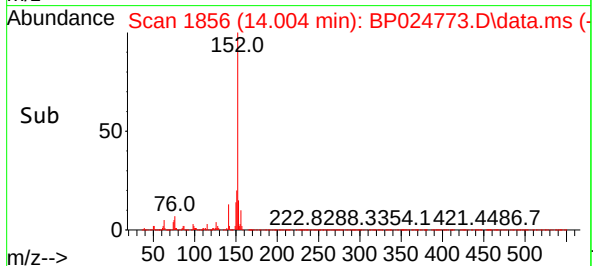
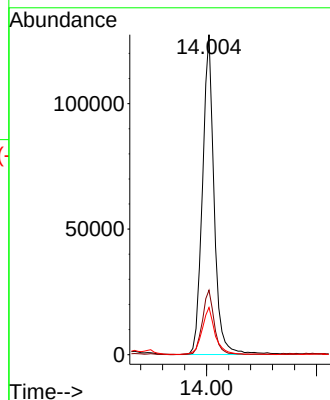
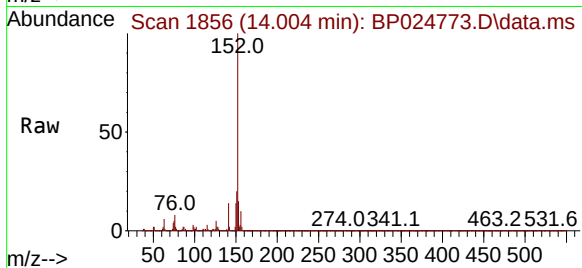




#49
Acenaphthylene
Concen: 7.707 ng
RT: 14.004 min Scan# 1856
Delta R.T. -0.012 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

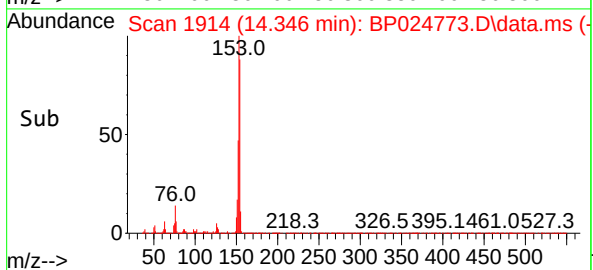
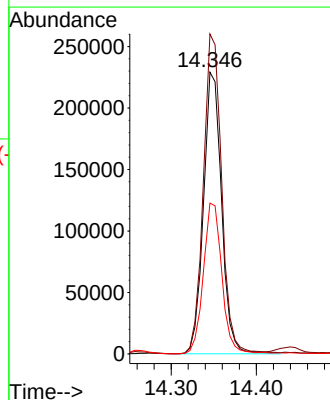
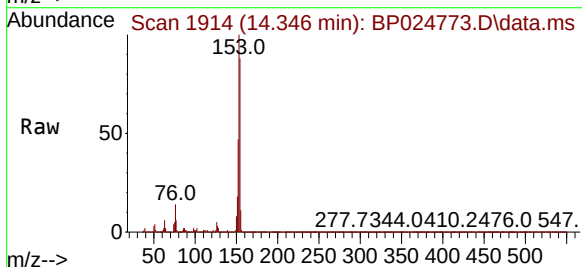
Instrument :
BNA_P
ClientSampleId :
WC-A4-05-C

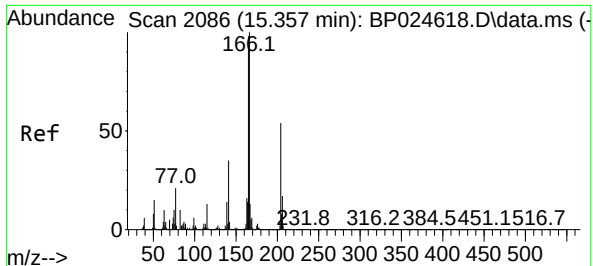
Tgt Ion:152 Resp: 187555
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 14.8 10.2 15.4



#52
Acenaphthene
Concen: 24.226 ng
RT: 14.346 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

Tgt Ion:154 Resp: 338913
Ion Ratio Lower Upper
154 100
153 113.6 91.0 136.4
152 53.6 42.9 64.3

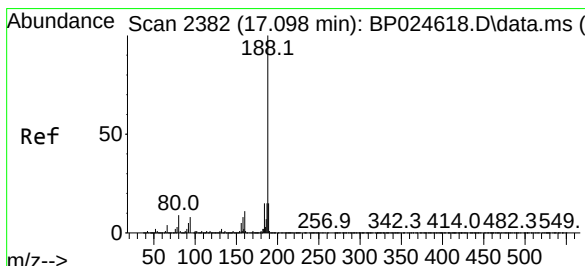
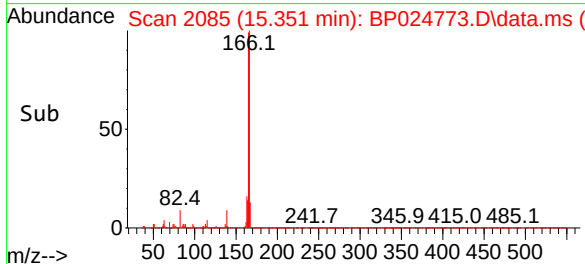
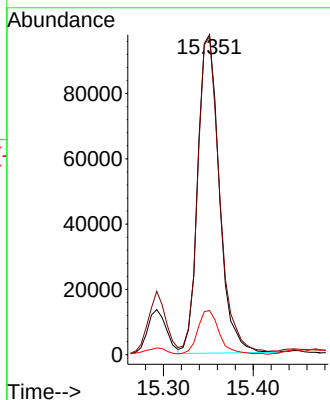
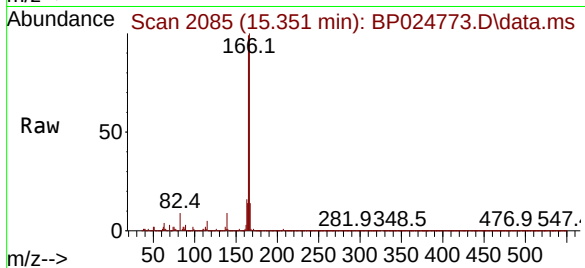




#58
Fluorene
Concen: 8.908 ng
RT: 15.351 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

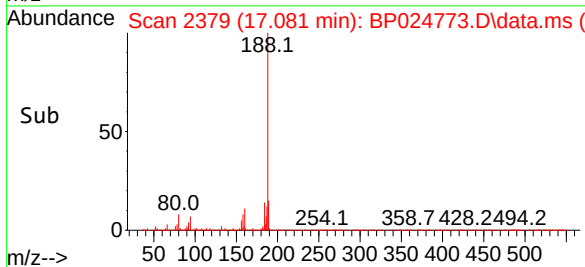
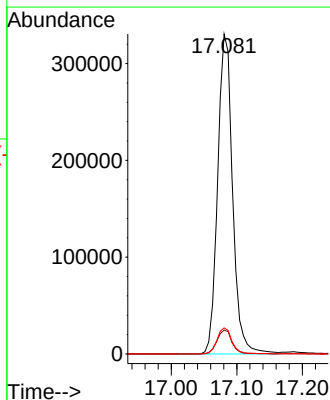
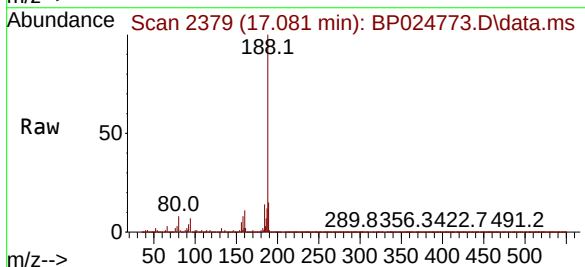
Instrument :
BNA_P
ClientSampleId :
WC-A4-05-C

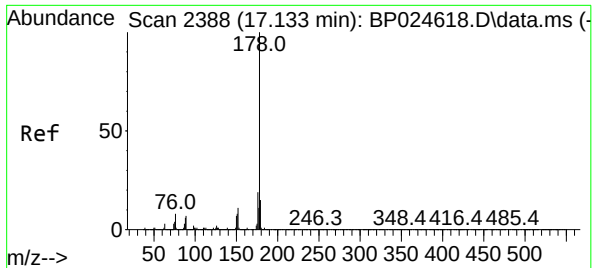
Tgt Ion:166 Resp: 162087
Ion Ratio Lower Upper
166 100
165 99.4 78.5 117.7
167 13.8 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

Tgt Ion:188 Resp: 520855
Ion Ratio Lower Upper
188 100
94 7.5 6.5 9.7
80 8.1 7.3 10.9

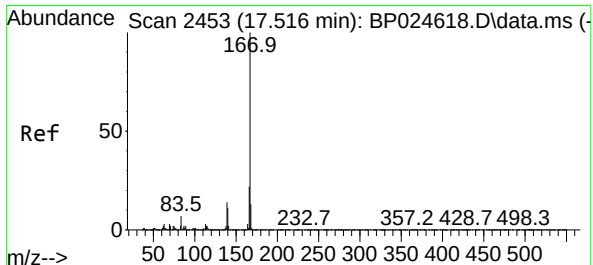
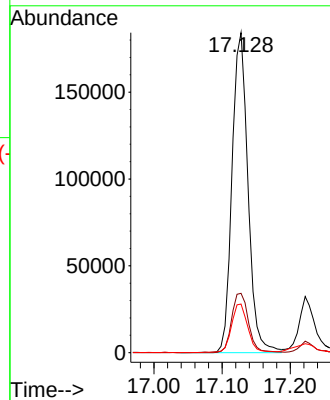
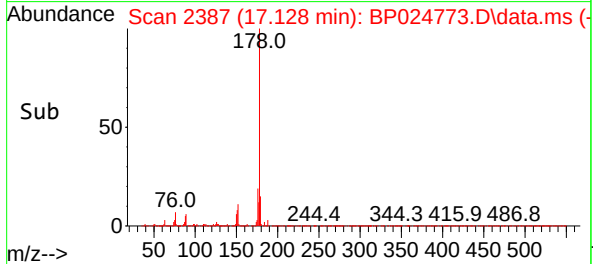
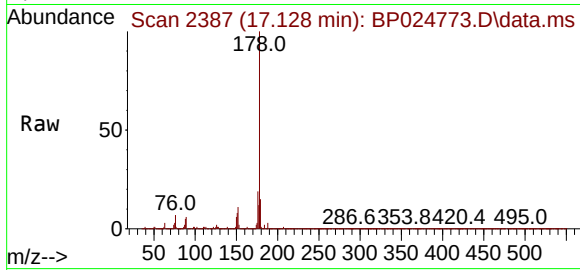




#71
Phenanthrene
Concen: 10.351 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

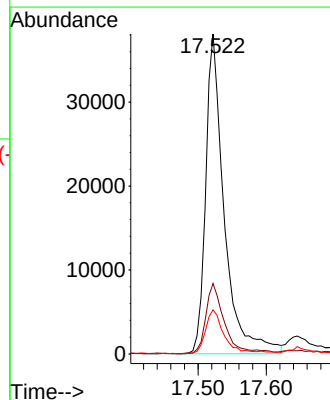
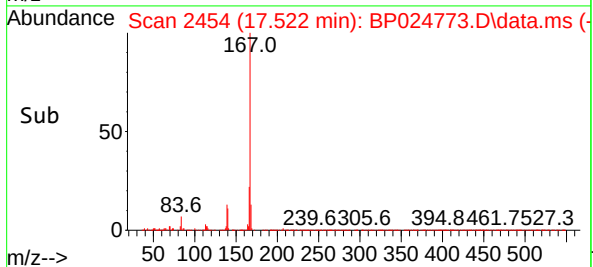
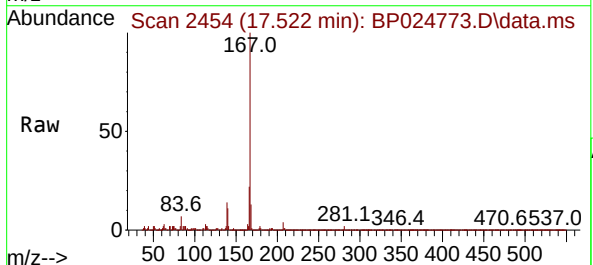
Instrument :
BNA_P
ClientSampleId :
WC-A4-05-C

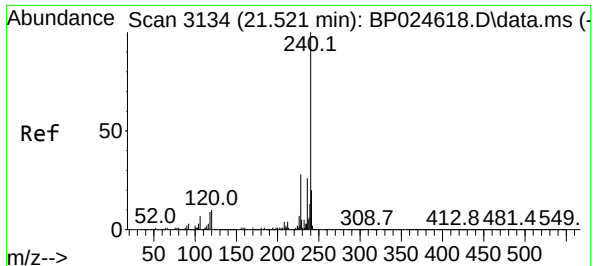
Tgt Ion:178 Resp: 299727
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.2 12.2 18.4



#73
Carbazole
Concen: 2.729 ng
RT: 17.522 min Scan# 2454
Delta R.T. 0.006 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

Tgt Ion:167 Resp: 71957
Ion Ratio Lower Upper
167 100
166 22.0 17.7 26.5
139 13.8 11.3 16.9

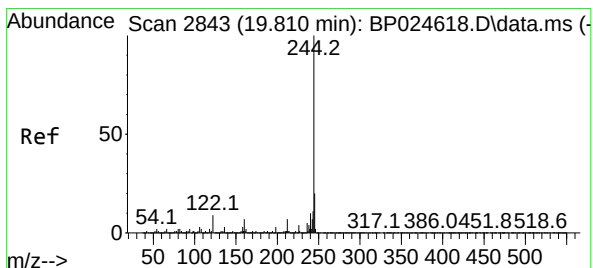
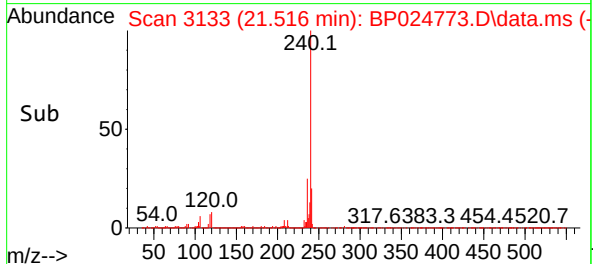
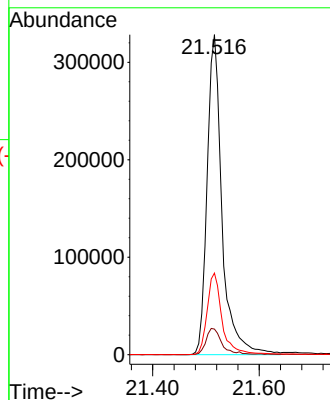
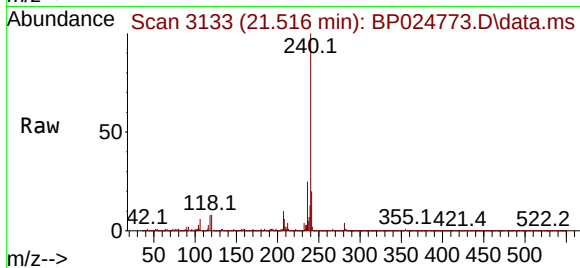




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

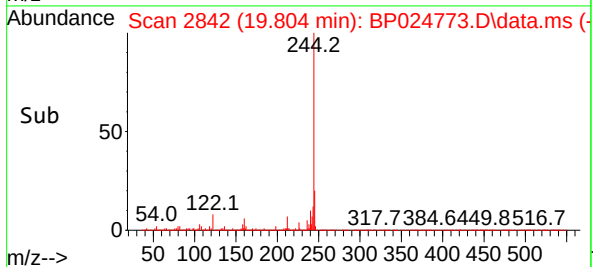
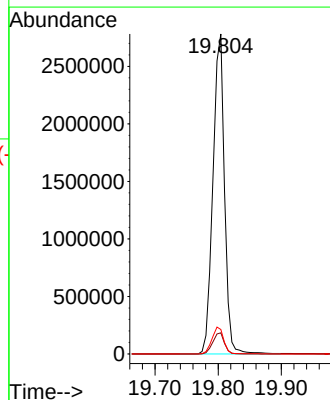
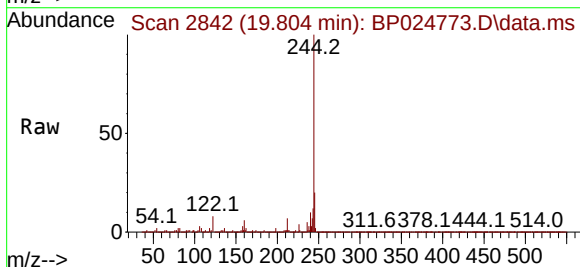
Instrument :
BNA_P
ClientSampleId :
WC-A4-05-C

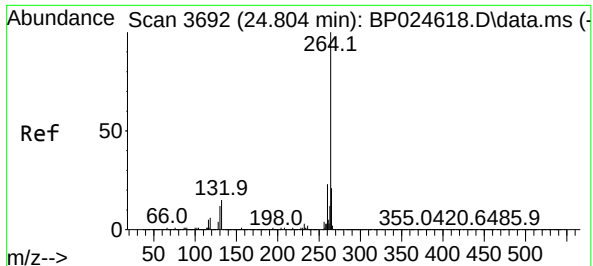
Tgt Ion:240 Resp: 636443
Ion Ratio Lower Upper
240 100
120 8.0 7.8 11.6
236 25.5 20.6 31.0



#79
Terphenyl-d14
Concen: 95.042 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

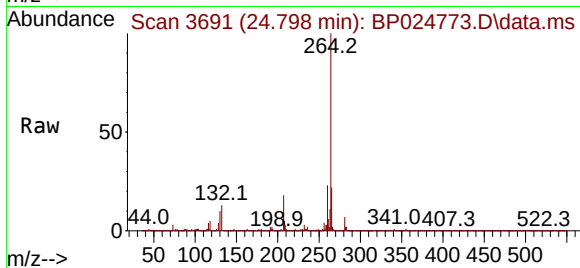
Tgt Ion:244 Resp: 3527686
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 7.7 7.4 11.0



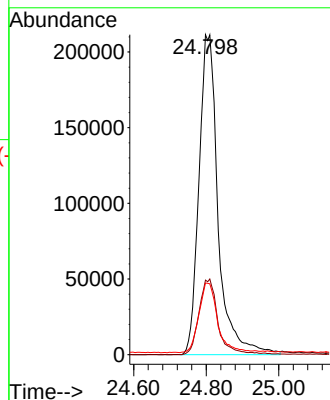
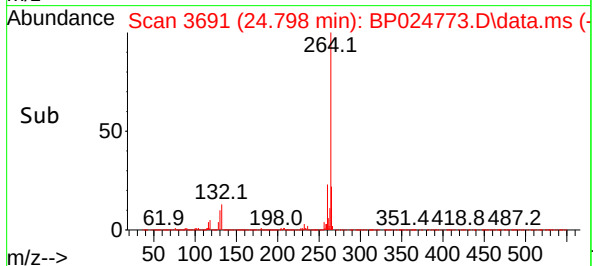


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP024773.D
Acq: 23 May 2025 01:11

Instrument :
BNA_P
ClientSampleId :
WC-A4-05-C



Tgt Ion:264 Resp: 777089
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 22.4 17.0 25.6



Report of Analysis

Client:	ENTACT	Date Collected:	05/13/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A1-06A-C	SDG No.:	Q2078
Lab Sample ID:	Q2078-11	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024774.D	1	05/22/25 11:14	05/23/25 01:52	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.013	U	0.013	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.0053	U	0.0053	0.050	mg/L
95-48-7	2-Methylphenol	0.011	U	0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.011	U	0.011	0.10	mg/L
67-72-1	Hexachloroethane	0.0065	U	0.0065	0.050	mg/L
98-95-3	Nitrobenzene	0.0076	U	0.0076	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.0054	U	0.0054	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.0051	U	0.0051	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.0062	U	0.0062	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.012	U	0.012	0.050	mg/L
118-74-1	Hexachlorobenzene	0.0052	U	0.0052	0.050	mg/L
87-86-5	Pentachlorophenol	0.016	U	0.016	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	134		15 (10) - 110 (139)	89%	SPK: 150
13127-88-3	Phenol-d6	115		15 (10) - 110 (134)	77%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.5		30 (49) - 130 (133)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.3		30 (52) - 130 (132)	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	189	*	15 (44) - 110 (137)	126%	SPK: 150
1718-51-0	Terphenyl-d14	100		30 (48) - 130 (125)	100%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	107000	7.652			
1146-65-2	Naphthalene-d8	421000	10.422			
15067-26-2	Acenaphthene-d10	283000	14.281			
1517-22-2	Phenanthrene-d10	603000	17.081			
1719-03-5	Chrysene-d12	725000	21.516			
1520-96-3	Perylene-d12	853000	24.816			

Report of Analysis

Client:	ENTACT		Date Collected:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A1-06A-C		SDG No.:	Q2078	
Lab Sample ID:	Q2078-11		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024774.D	1	05/22/25 11:14	05/23/25 01:52	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP052225\
 Data File : BP024774.D
 Acq On : 23 May 2025 01:52
 Operator : RC/JU
 Sample : Q2078-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-A1-06A-C

Quant Time: May 23 03:30:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

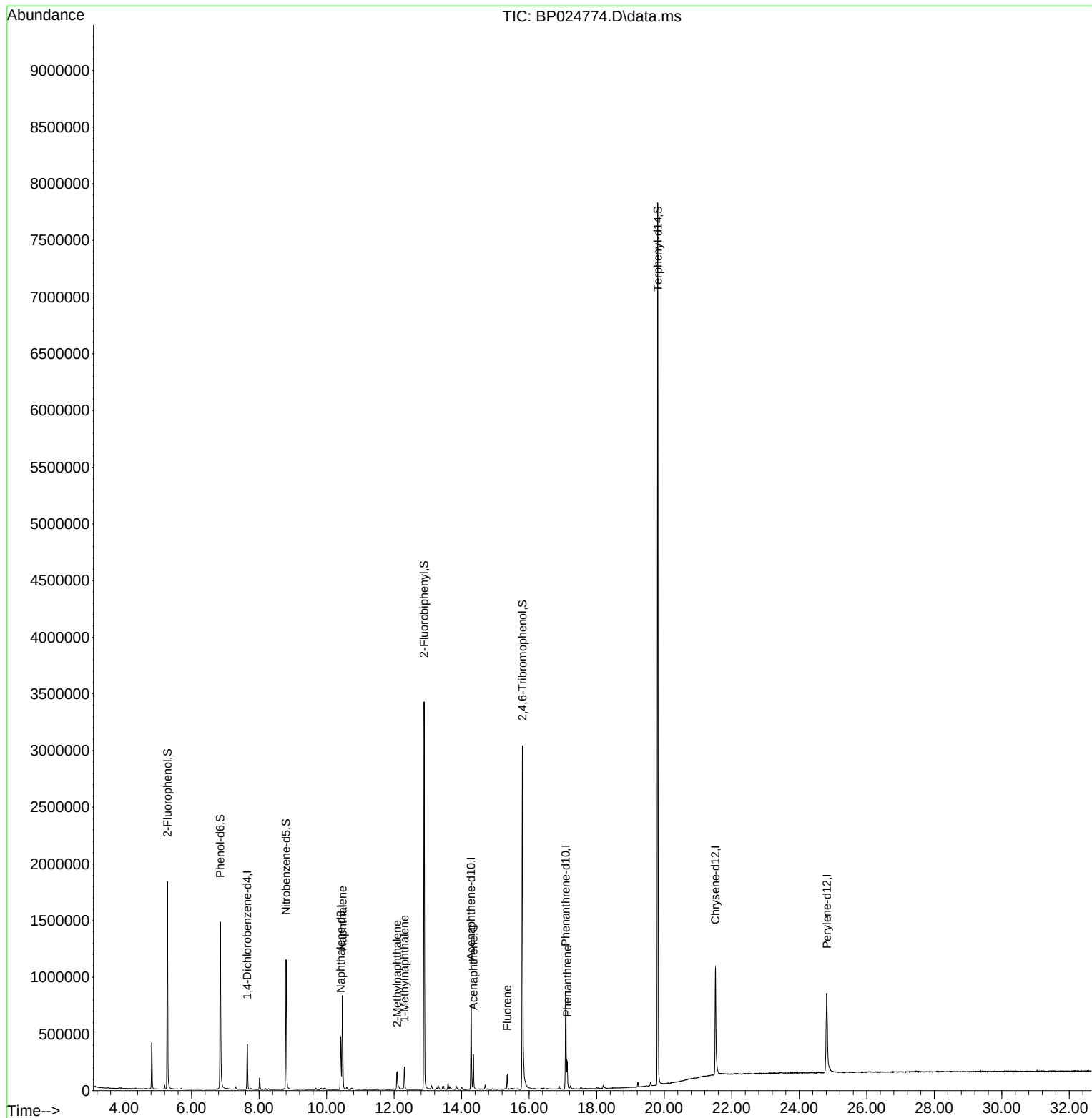
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	107180	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	420731	20.000	ng	#-0.01
39) Acenaphthene-d10	14.281	164	283461	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	602594	20.000	ng	-0.02
76) Chrysene-d12	21.516	240	725082	20.000	ng	0.00
86) Perylene-d12	24.816	264	853005	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	841198	134.238	ng	0.00
7) Phenol-d6	6.852	99	922461	115.340	ng	0.00
23) Nitrobenzene-d5	8.799	82	654037	78.545	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	907464	188.839	ng	0.00
45) 2-Fluorobiphenyl	12.887	172	1823663	84.288	ng	-0.02
79) Terphenyl-d14	19.810	244	4248032	100.459	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.469	128	707716	32.460	ng	100
37) 2-Methylnaphthalene	12.087	142	93091	6.594	ng	99
38) 1-Methylnaphthalene	12.310	142	95811	6.343	ng	97
52) Acenaphthene	14.345	154	103562	6.739	ng	98
58) Fluorene	15.351	166	61397	3.072	ng	99
71) Phenanthrene	17.128	178	147652	4.408	ng	99

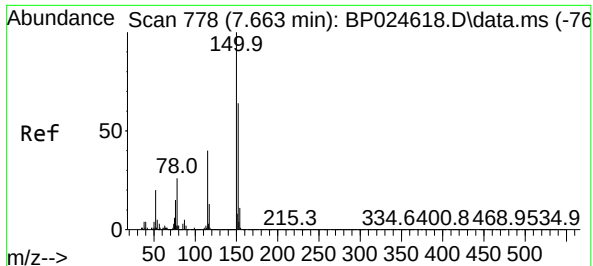
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024774.D
Acq On : 23 May 2025 01:52
Operator : RC/JU
Sample : Q2078-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-A1-06A-C

Quant Time: May 23 03:30:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

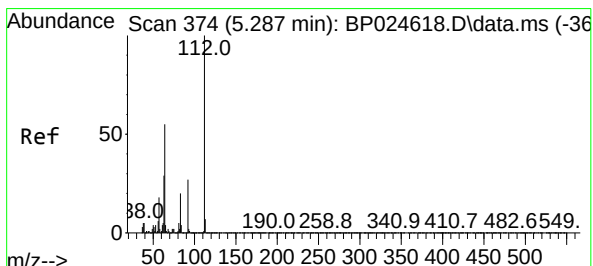
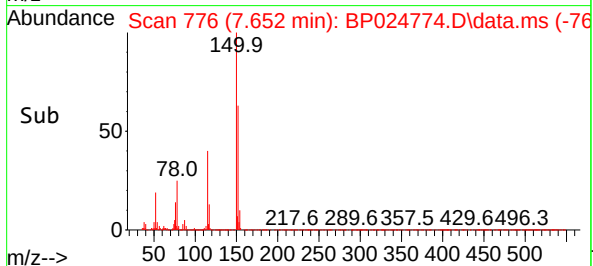
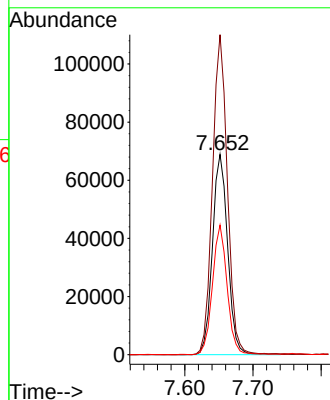
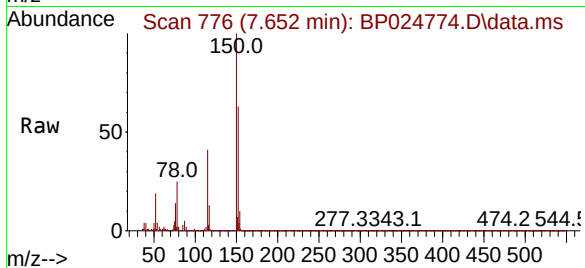




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 776
Delta R.T. -0.011 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

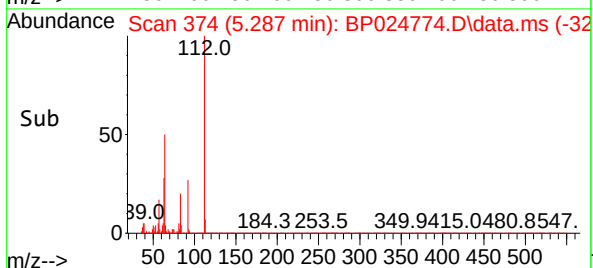
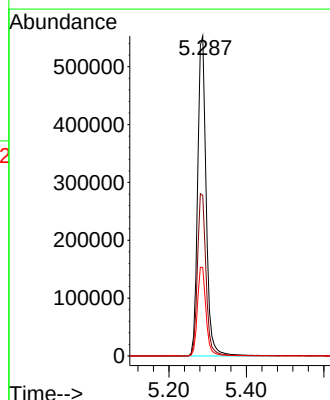
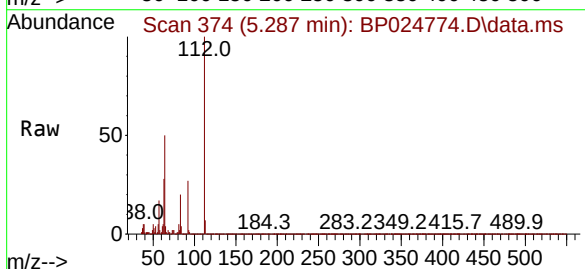
Instrument :
BNA_P
ClientSampleId :
WC-A1-06A-C

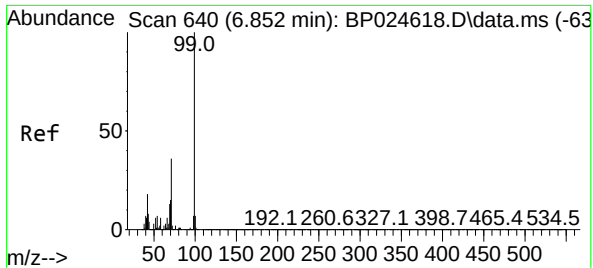
Tgt Ion:152 Resp: 107180
Ion Ratio Lower Upper
152 100
150 159.8 125.9 188.9
115 64.7 50.1 75.1



#5
2-Fluorophenol
Concen: 134.238 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

Tgt Ion:112 Resp: 841198
Ion Ratio Lower Upper
112 100
64 50.1 44.1 66.1
63 27.6 23.5 35.3

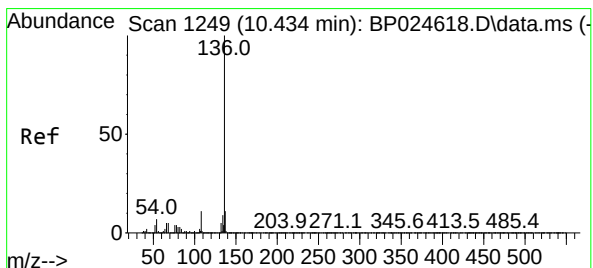
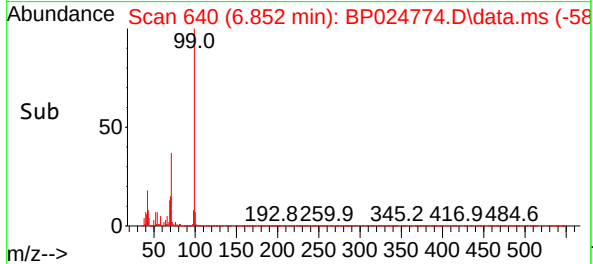
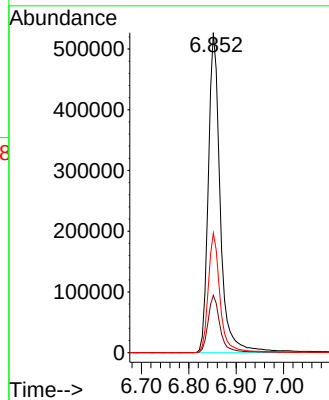
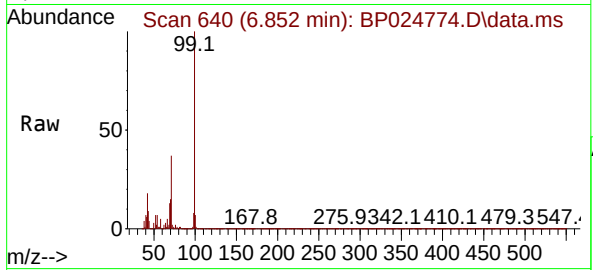




#7
Phenol-d6
Concen: 115.340 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

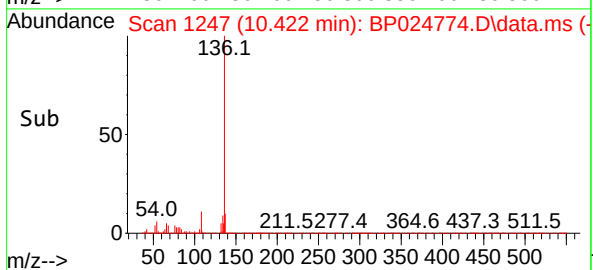
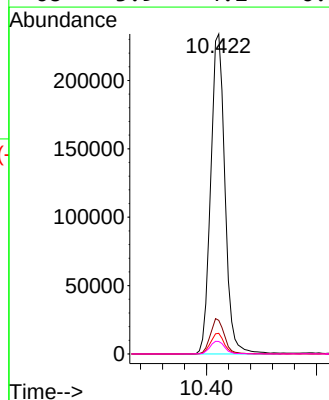
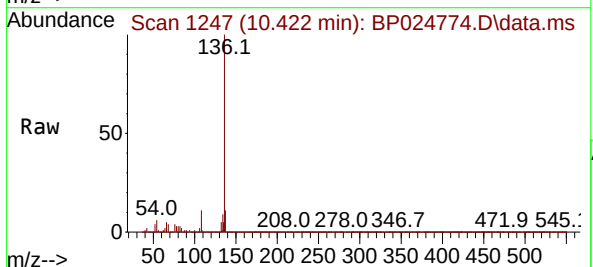
Instrument :
BNA_P
ClientSampleId :
WC-A1-06A-C

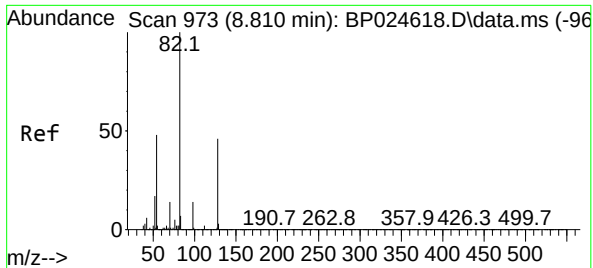
Tgt Ion: 99 Resp: 922461
Ion Ratio Lower Upper
99 100
42 17.9 14.4 21.6
71 37.3 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

Tgt Ion: 136 Resp: 420731
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.5 5.5 8.3
68 3.9 4.2 6.2





#23

Nitrobenzene-d5

Concen: 78.545 ng

RT: 8.799 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP024774.D

Acq: 23 May 2025 01:52

Instrument :

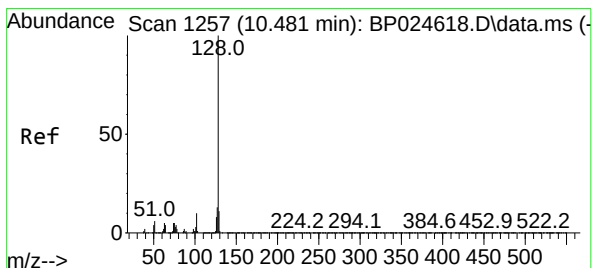
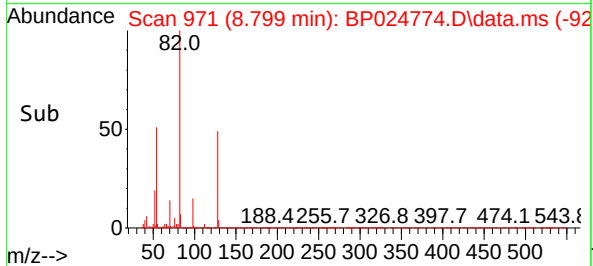
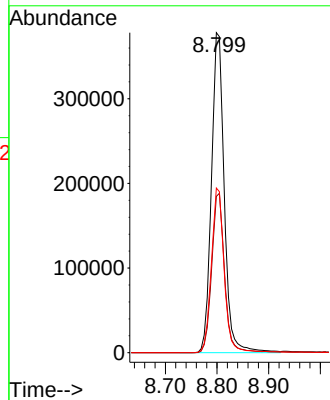
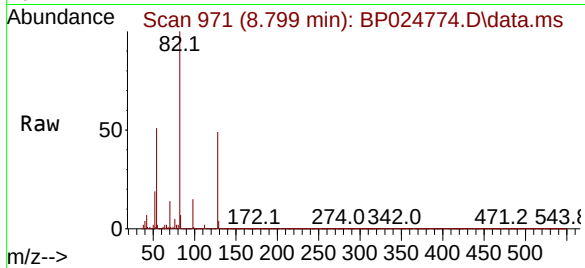
BNA_P

ClientSampleId :

WC-A1-06A-C

Tgt Ion: 82 Resp: 654037

Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.0	55.4
54	51.5	38.7	58.1



#31

Naphthalene

Concen: 32.460 ng

RT: 10.469 min Scan# 1255

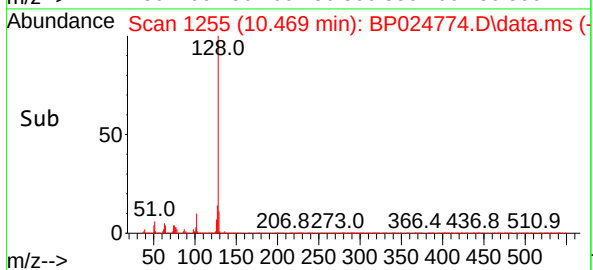
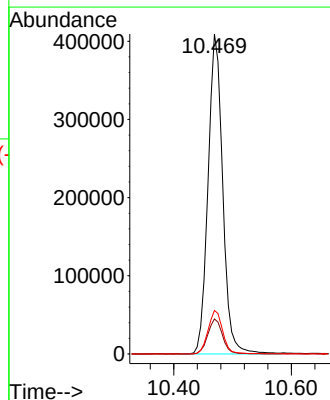
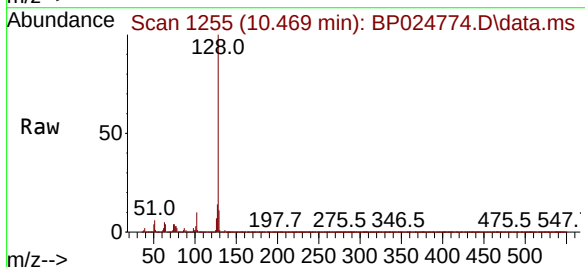
Delta R.T. -0.012 min

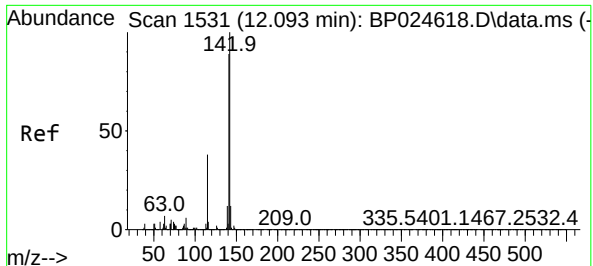
Lab File: BP024774.D

Acq: 23 May 2025 01:52

Tgt Ion: 128 Resp: 707716

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.6	10.7	16.1

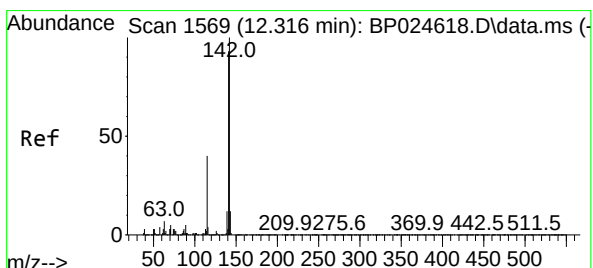
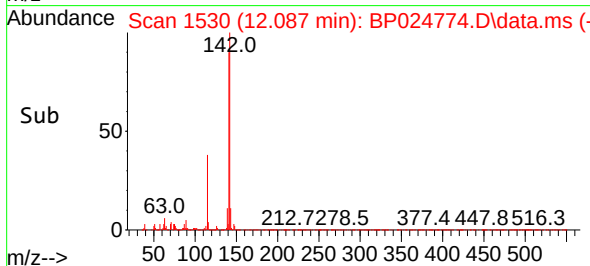
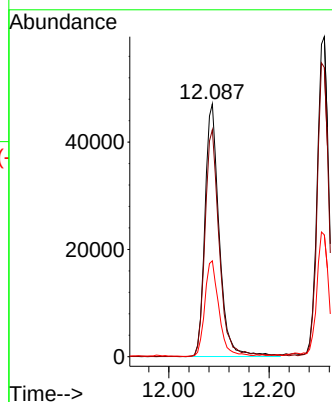
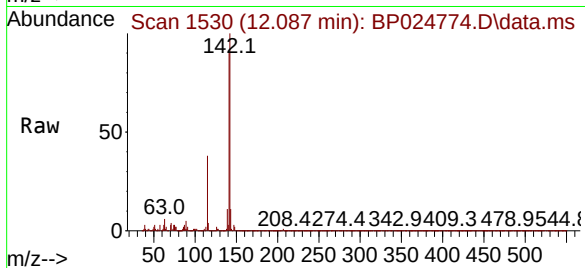




#37
2-Methylnaphthalene
Concen: 6.594 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

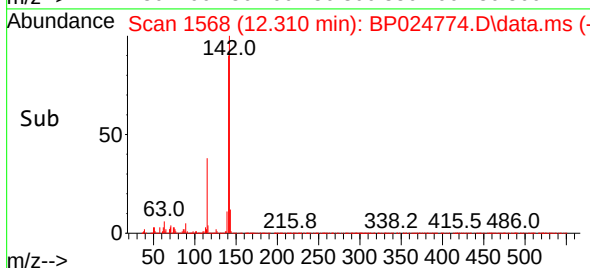
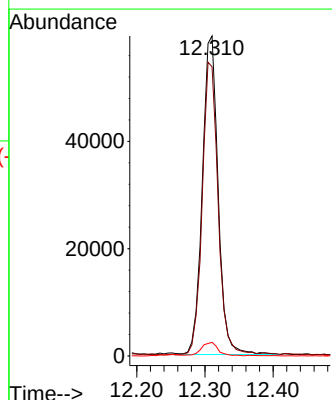
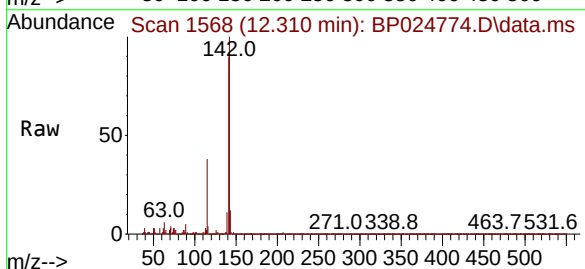
Instrument :
BNA_P
ClientSampleId :
WC-A1-06A-C

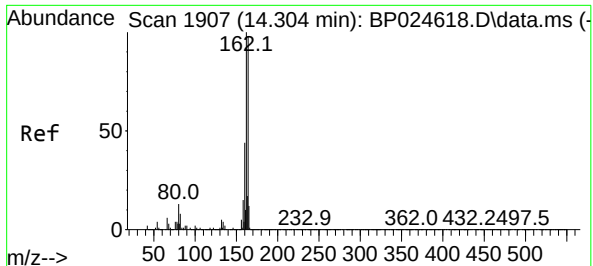
Tgt Ion:142 Resp: 93091
Ion Ratio Lower Upper
142 100
141 89.7 71.2 106.8
115 37.9 30.6 46.0



#38
1-Methylnaphthalene
Concen: 6.343 ng
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

Tgt Ion:142 Resp: 95811
Ion Ratio Lower Upper
142 100
141 90.3 74.7 112.1
116 4.3 3.4 5.2

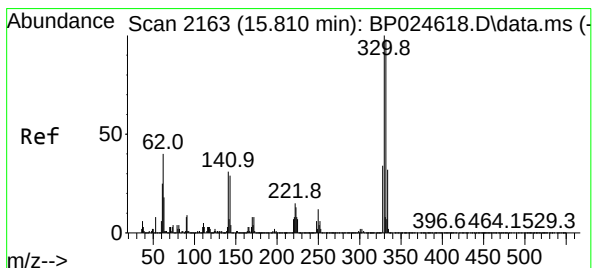
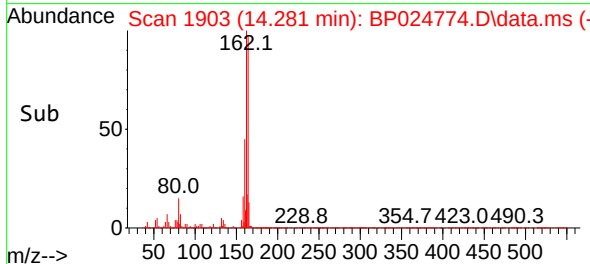
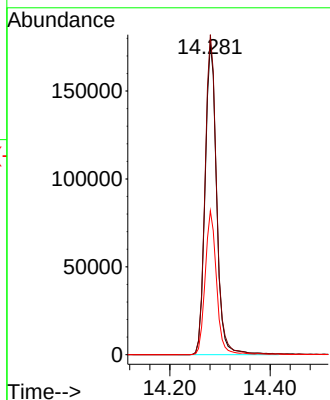
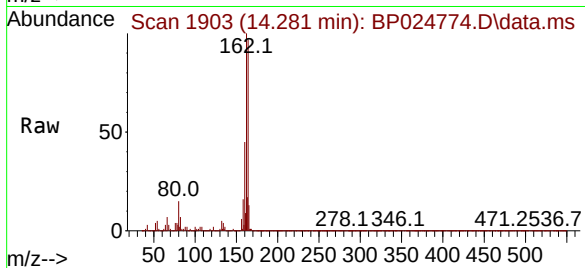




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

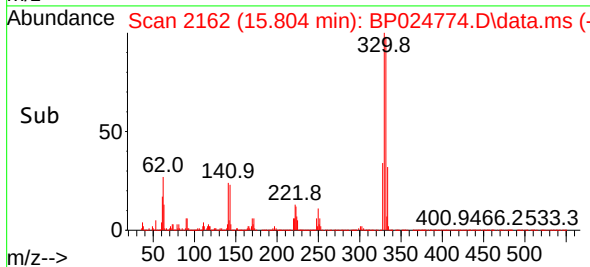
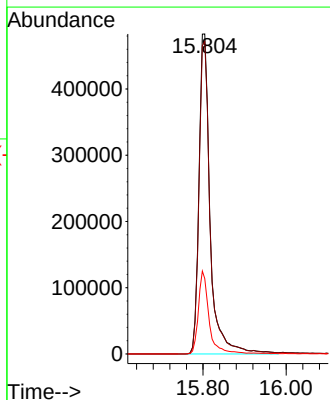
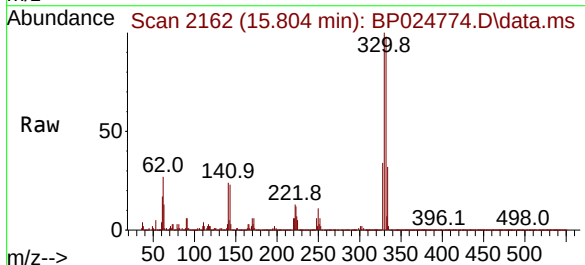
Instrument :
BNA_P
ClientSampleId :
WC-A1-06A-C

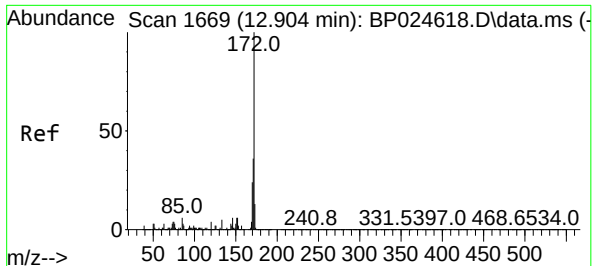
Tgt Ion:164 Resp: 283461
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 46.1 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 188.839 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

Tgt Ion:330 Resp: 907464
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.4
141 25.0 24.3 36.5

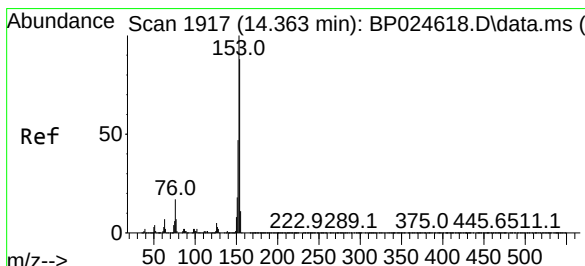
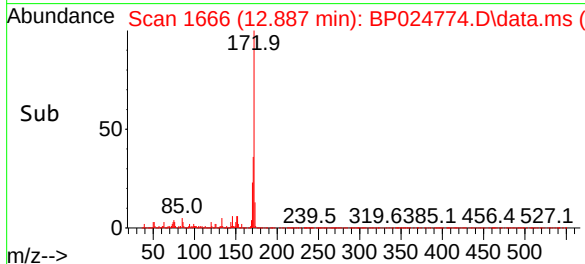
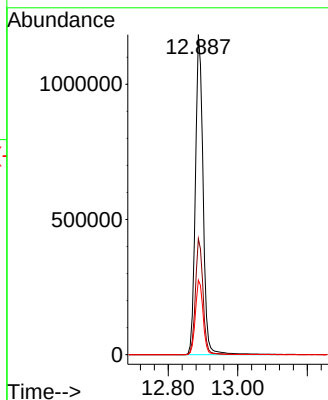
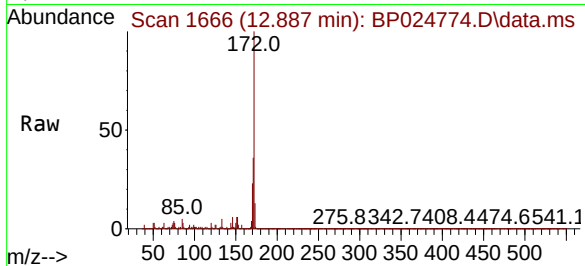




#45
2-Fluorobiphenyl
Concen: 84.288 ng
RT: 12.887 min Scan# 1666
Delta R.T. -0.018 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

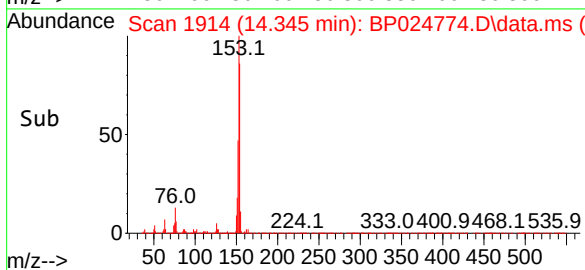
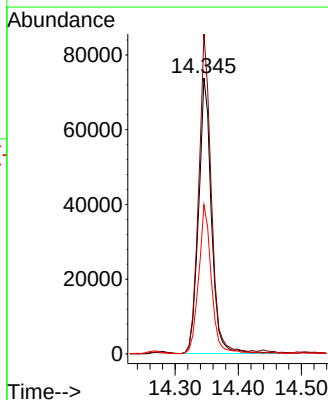
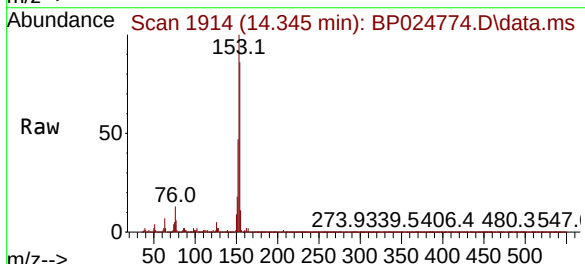
Instrument :
BNA_P
ClientSampleId :
WC-A1-06A-C

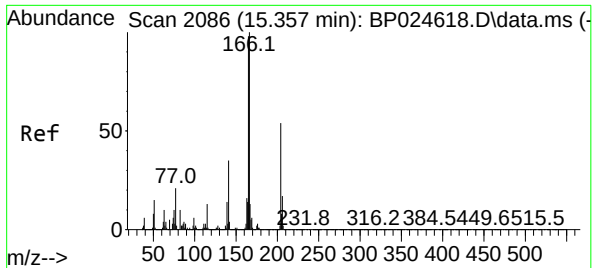
Tgt Ion:172 Resp: 1823663
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.3 18.8 28.2



#52
Acenaphthene
Concen: 6.739 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

Tgt Ion:154 Resp: 103562
Ion Ratio Lower Upper
154 100
153 115.9 91.0 136.4
152 54.0 42.9 64.3

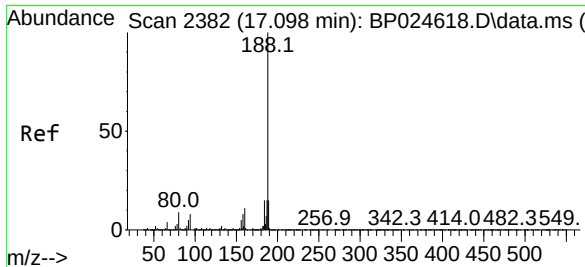
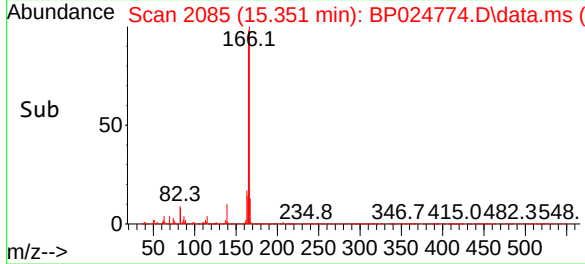
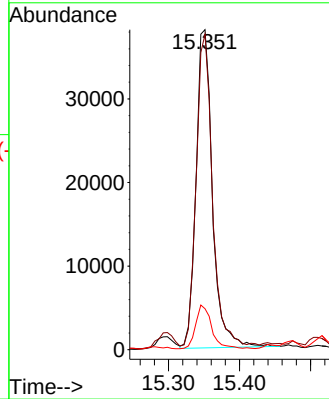
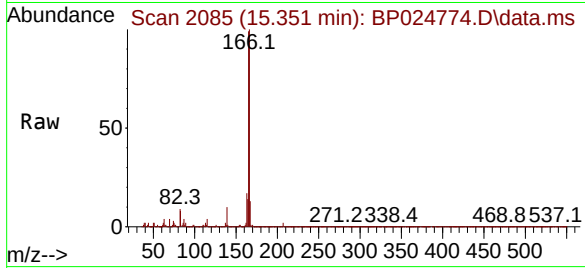




#58
Fluorene
Concen: 3.072 ng
RT: 15.351 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

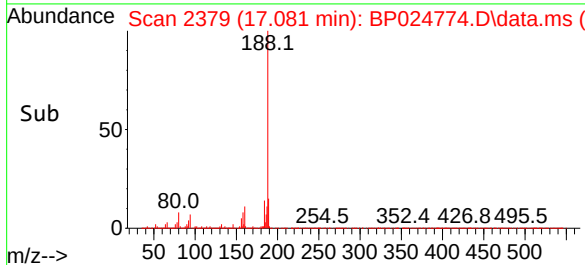
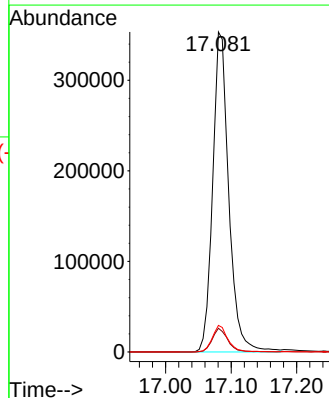
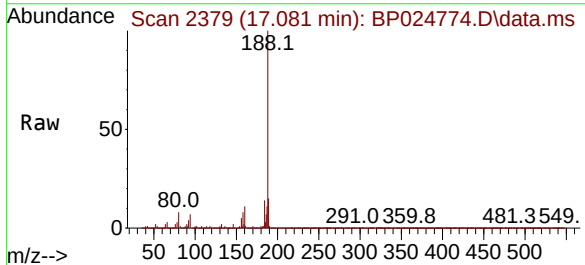
Instrument :
BNA_P
ClientSampleId :
WC-A1-06A-C

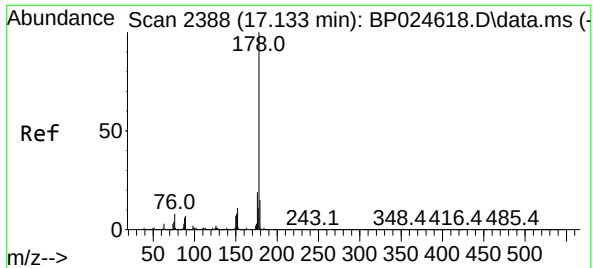
Tgt Ion:166 Resp: 61397
Ion Ratio Lower Upper
166 100
165 98.5 78.5 117.7
167 12.8 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

Tgt Ion:188 Resp: 602594
Ion Ratio Lower Upper
188 100
94 7.4 6.5 9.7
80 8.3 7.3 10.9

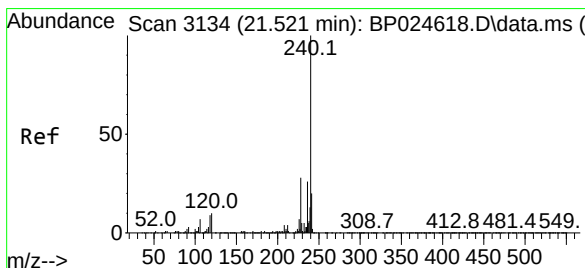
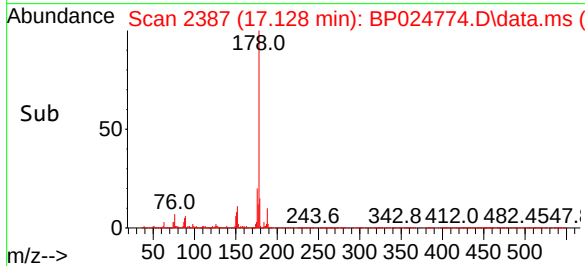
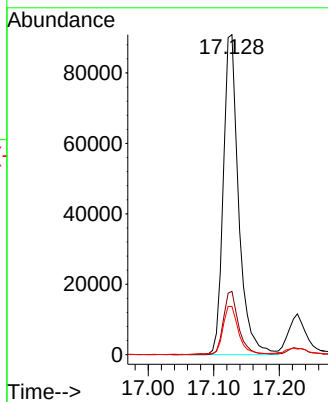
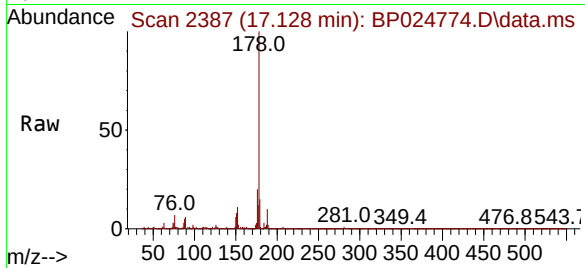




#71
Phenanthrene
Concen: 4.408 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

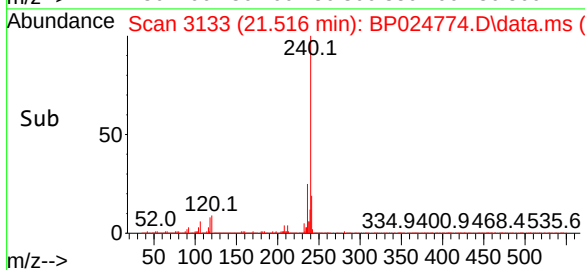
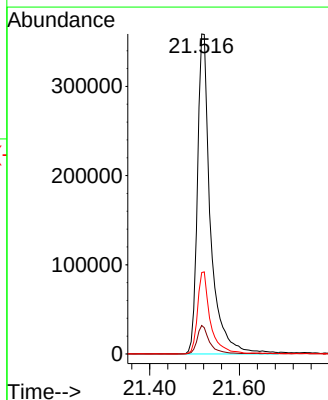
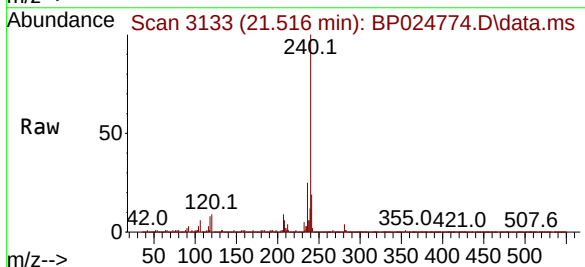
Instrument :
BNA_P
ClientSampleId :
WC-A1-06A-C

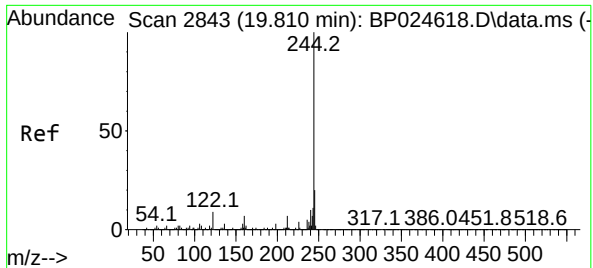
Tgt Ion:178 Resp: 147652
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.0 12.2 18.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024774.D
Acq: 23 May 2025 01:52

Tgt Ion:240 Resp: 725082
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 25.4 20.6 31.0

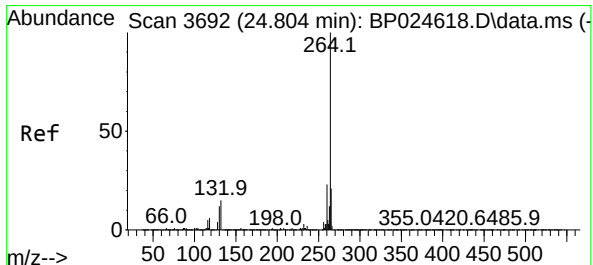
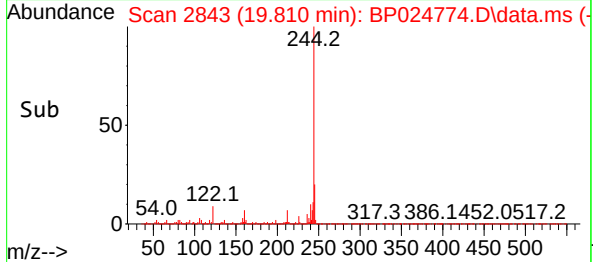
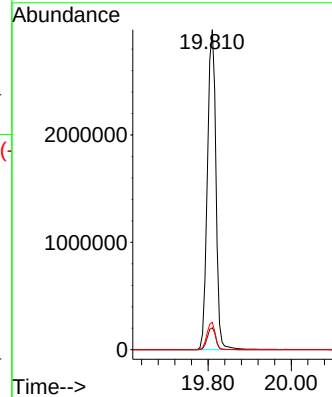
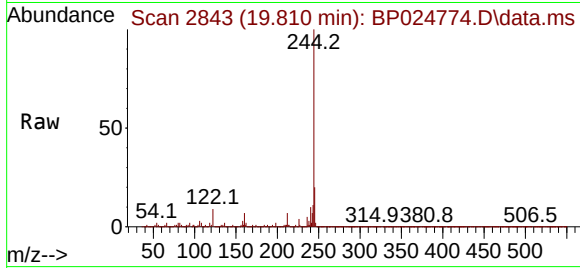




#79
 Terphenyl-d14
 Concen: 100.459 ng
 RT: 19.810 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP024774.D
 Acq: 23 May 2025 01:52

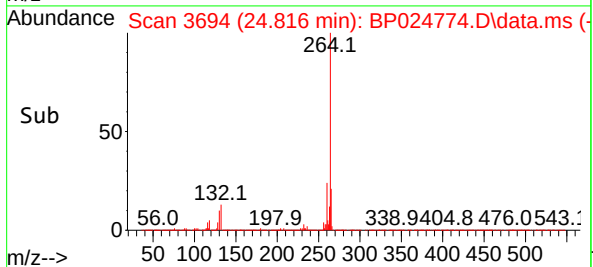
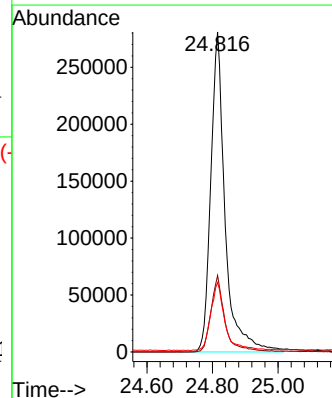
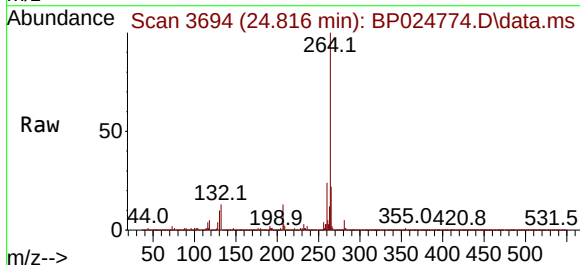
Instrument :
 BNA_P
 ClientSampleId :
 WC-A1-06A-C

Tgt Ion:244 Resp: 4248032
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 8.5 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.816 min Scan# 3694
 Delta R.T. 0.012 min
 Lab File: BP024774.D
 Acq: 23 May 2025 01:52

Tgt Ion:264 Resp: 853005
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 21.7 17.0 25.6



Report of Analysis

Client:	ENTACT	Date Collected:	05/13/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A1-07A-C	SDG No.:	Q2078
Lab Sample ID:	Q2078-15	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024775.D	1	05/22/25 11:14	05/23/25 02:32	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.013	U	0.013	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.0053	U	0.0053	0.050	mg/L
95-48-7	2-Methylphenol	0.011	U	0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.011	U	0.011	0.10	mg/L
67-72-1	Hexachloroethane	0.0065	U	0.0065	0.050	mg/L
98-95-3	Nitrobenzene	0.0076	U	0.0076	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.0054	U	0.0054	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.0051	U	0.0051	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.0062	U	0.0062	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.012	U	0.012	0.050	mg/L
118-74-1	Hexachlorobenzene	0.0052	U	0.0052	0.050	mg/L
87-86-5	Pentachlorophenol	0.016	U	0.016	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	130		15 (10) - 110 (139)	87%	SPK: 150
13127-88-3	Phenol-d6	108		15 (10) - 110 (134)	72%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.5		30 (49) - 130 (133)	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.8		30 (52) - 130 (132)	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	161		15 (44) - 110 (137)	108%	SPK: 150
1718-51-0	Terphenyl-d14	87.1		30 (48) - 130 (125)	87%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	90400	7.652			
1146-65-2	Naphthalene-d8	348000	10.422			
15067-26-2	Acenaphthene-d10	214000	14.281			
1517-22-2	Phenanthrene-d10	410000	17.086			
1719-03-5	Chrysene-d12	527000	21.521			
1520-96-3	Perylene-d12	669000	24.804			

Report of Analysis

Client:	ENTACT		Date Collected:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A1-07A-C		SDG No.:	Q2078	
Lab Sample ID:	Q2078-15		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024775.D	1	05/22/25 11:14	05/23/25 02:32	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP052225\
 Data File : BP024775.D
 Acq On : 23 May 2025 02:32
 Operator : RC/JU
 Sample : Q2078-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-A1-07A-C

Quant Time: May 23 03:31:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

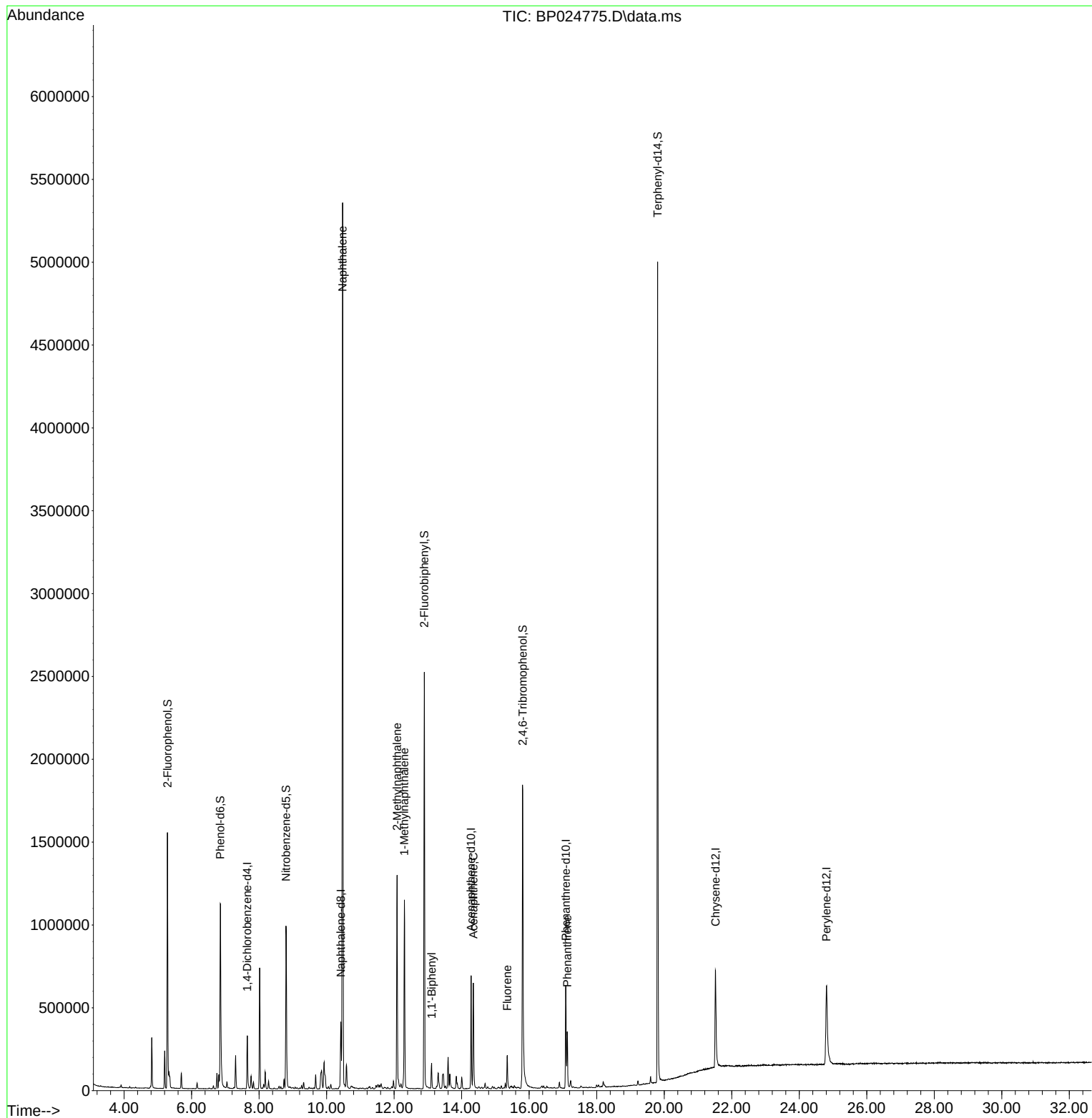
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	90407	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	348084	20.000	ng	-0.01
39) Acenaphthene-d10	14.281	164	214481	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	409751	20.000	ng	-0.01
76) Chrysene-d12	21.521	240	526921	20.000	ng	0.00
86) Perylene-d12	24.804	264	668650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	689314	130.408	ng	0.00
7) Phenol-d6	6.852	99	729480	108.133	ng	0.00
23) Nitrobenzene-d5	8.799	82	534007	77.514	ng	-0.01
42) 2,4,6-Tribromophenol	15.810	330	586689	161.352	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1371688	83.787	ng	-0.01
79) Terphenyl-d14	19.804	244	2677570	87.133	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.475	128	4487453	248.777	ng	100
37) 2-Methylnaphthalene	12.087	142	580946	49.739	ng	99
38) 1-Methylnaphthalene	12.304	142	507115	40.579	ng	99
46) 1,1'-Biphenyl	13.110	154	88560	5.586	ng	99
52) Acenaphthene	14.345	154	260374	22.391	ng	99
58) Fluorene	15.351	166	100748	6.661	ng	99
71) Phenanthrene	17.128	178	210414	9.237	ng	99

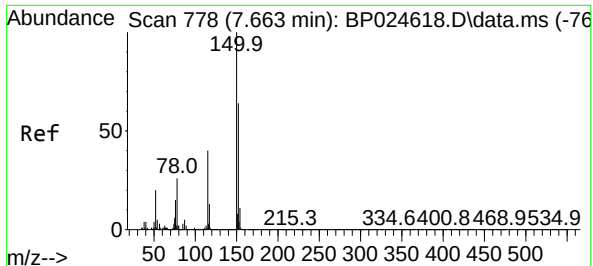
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024775.D
Acq On : 23 May 2025 02:32
Operator : RC/JU
Sample : Q2078-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-A1-07A-C

Quant Time: May 23 03:31:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

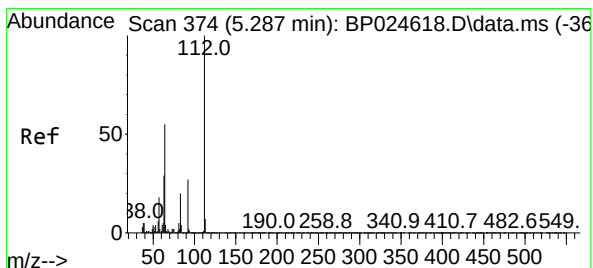
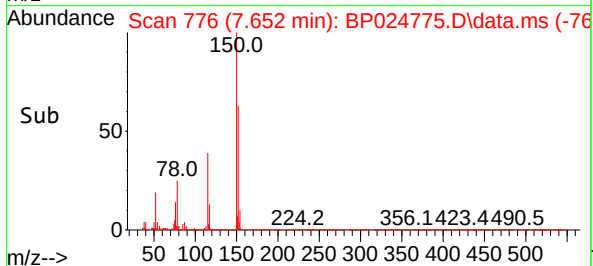
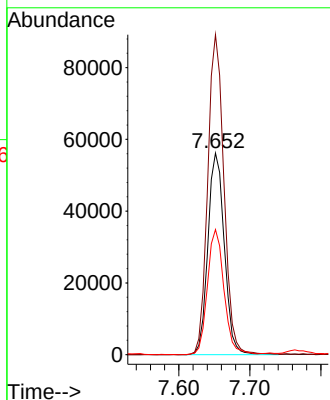
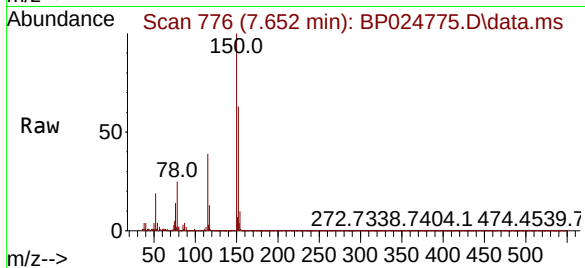




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024775.D
Acq: 23 May 2025 02:32

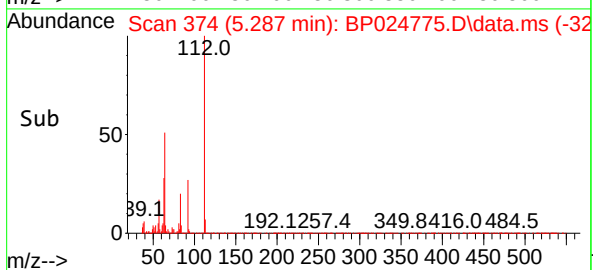
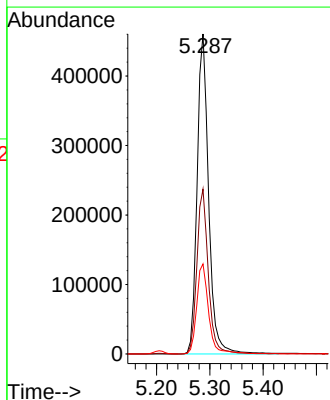
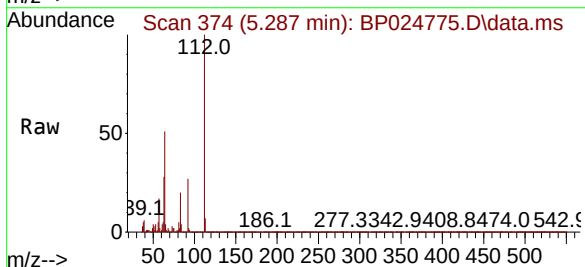
Instrument :
BNA_P
ClientSampleId :
WC-A1-07A-C

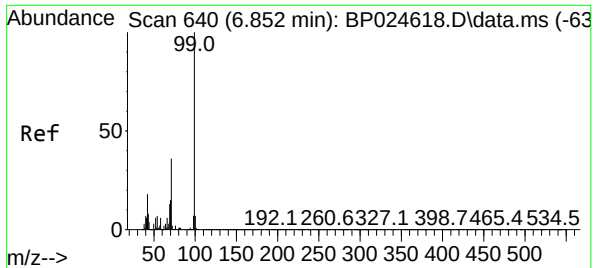
Tgt Ion:152 Resp: 90407
Ion Ratio Lower Upper
152 100
150 158.7 125.9 188.9
115 62.0 50.1 75.1



#5
2-Fluorophenol
Concen: 130.408 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024775.D
Acq: 23 May 2025 02:32

Tgt Ion:112 Resp: 689314
Ion Ratio Lower Upper
112 100
64 51.5 44.1 66.1
63 28.1 23.5 35.3

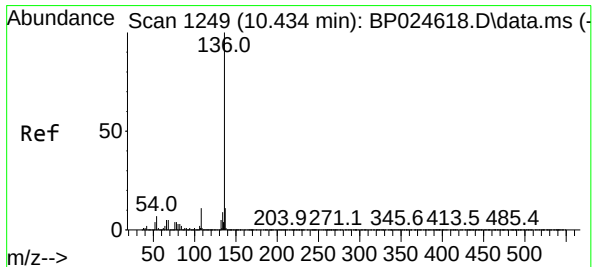
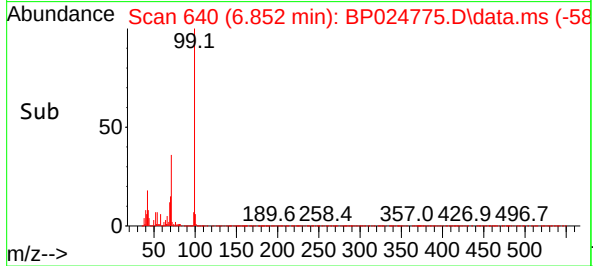
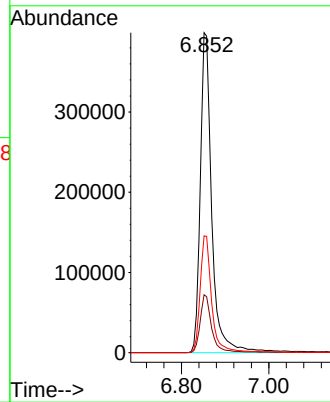
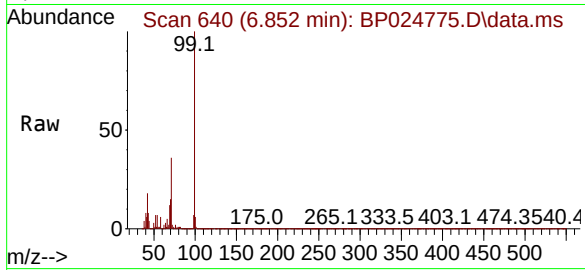




#7
Phenol-d6
Concen: 108.133 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024775.D
Acq: 23 May 2025 02:32

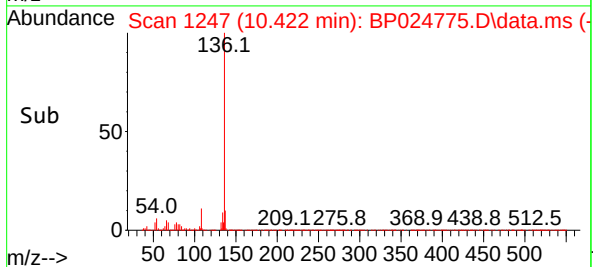
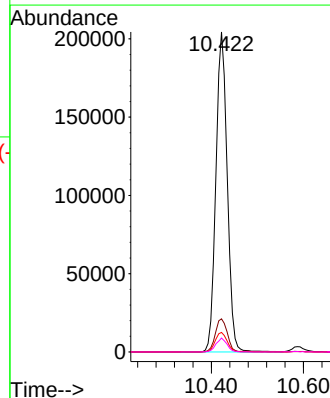
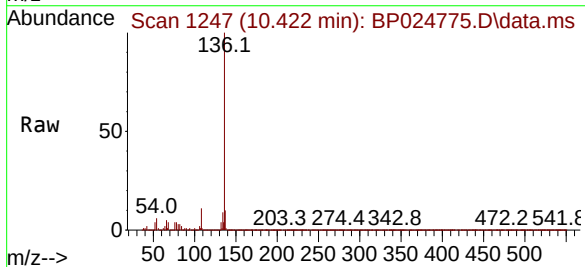
Instrument :
BNA_P
ClientSampleId :
WC-A1-07A-C

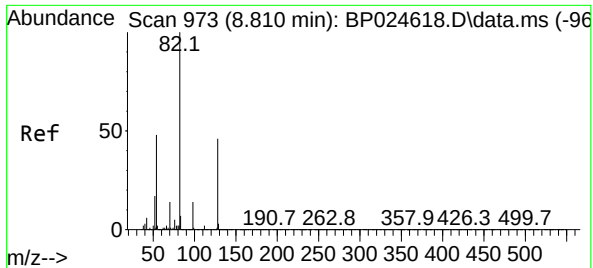
Tgt Ion: 99 Resp: 729480
Ion Ratio Lower Upper
99 100
42 18.1 14.4 21.6
71 36.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024775.D
Acq: 23 May 2025 02:32

Tgt Ion: 136 Resp: 348084
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 6.1 5.5 8.3
68 4.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 77.514 ng

RT: 8.799 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP024775.D

Acq: 23 May 2025 02:32

Instrument :

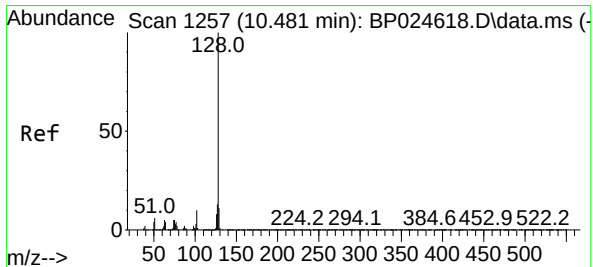
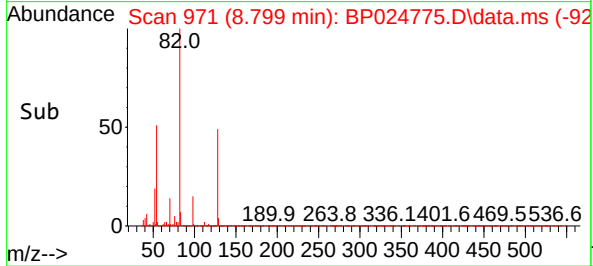
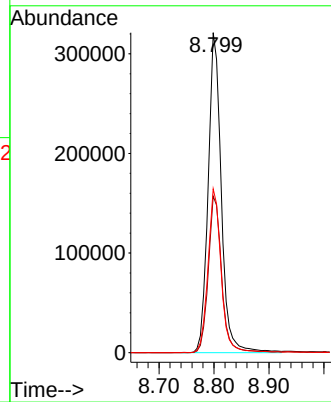
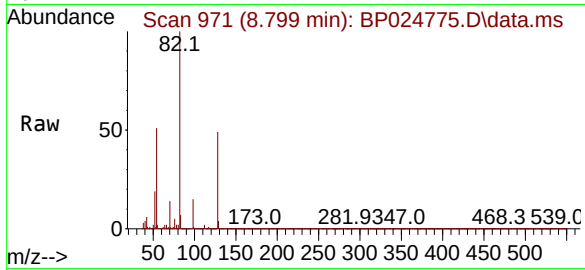
BNA_P

ClientSampleId :

WC-A1-07A-C

Tgt Ion: 82 Resp: 534007

Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.0	55.4
54	51.2	38.7	58.1



#31

Naphthalene

Concen: 248.777 ng

RT: 10.475 min Scan# 1256

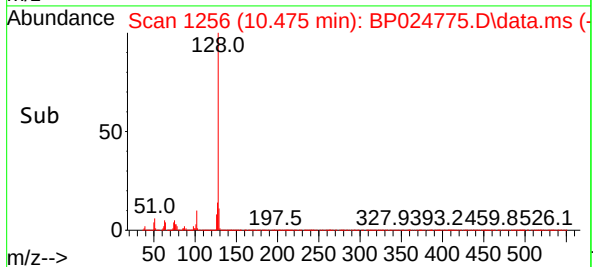
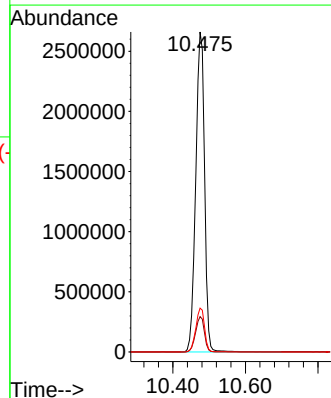
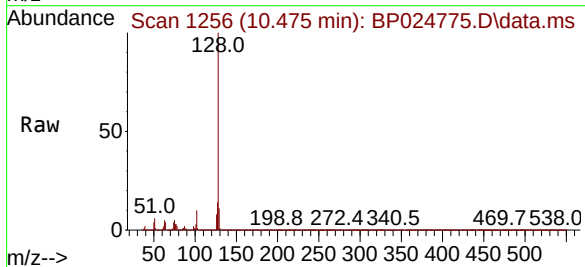
Delta R.T. -0.006 min

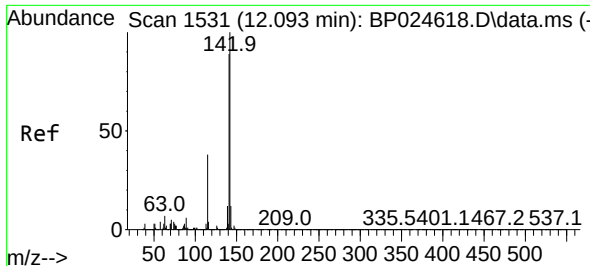
Lab File: BP024775.D

Acq: 23 May 2025 02:32

Tgt Ion:128 Resp: 4487453

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.7	10.7	16.1

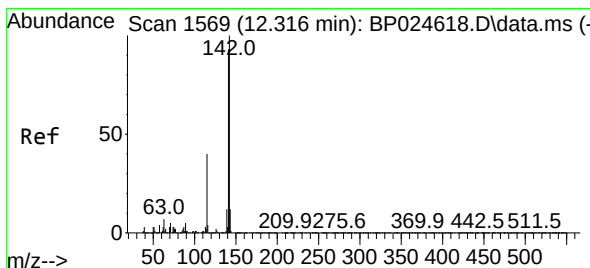
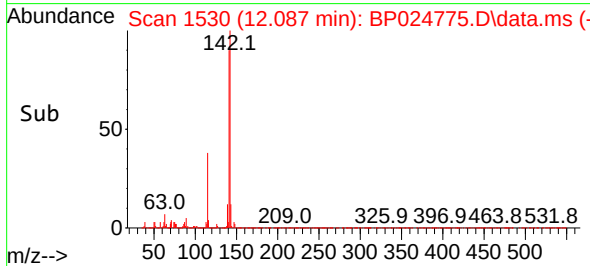
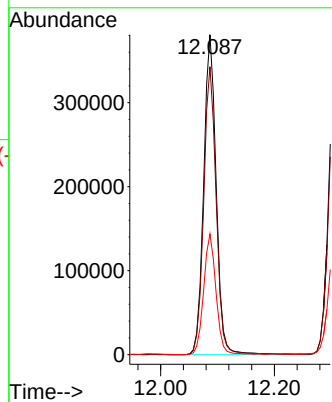
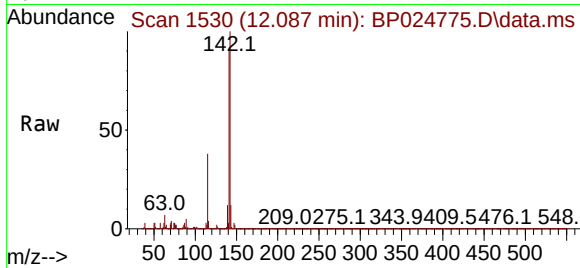




#37
2-Methylnaphthalene
Concen: 49.739 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024775.D
Acq: 23 May 2025 02:32

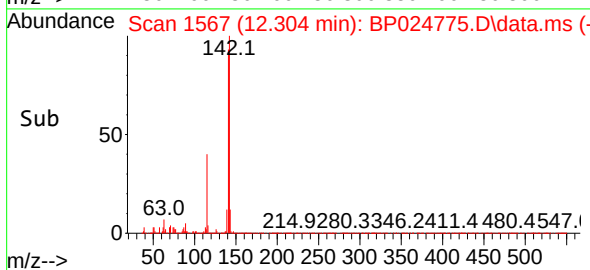
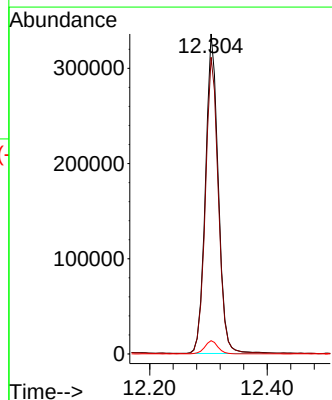
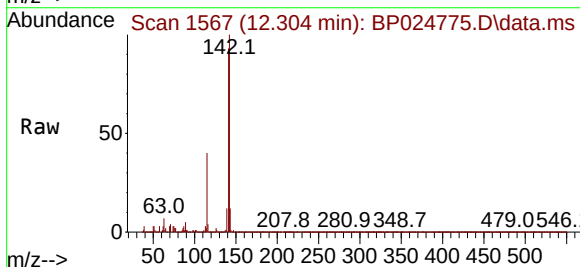
Instrument :
BNA_P
ClientSampleId :
WC-A1-07A-C

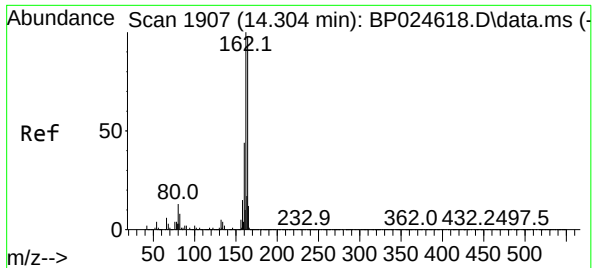
Tgt Ion:142 Resp: 580946
Ion Ratio Lower Upper
142 100
141 90.0 71.2 106.8
115 37.7 30.6 46.0



#38
1-Methylnaphthalene
Concen: 40.579 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024775.D
Acq: 23 May 2025 02:32

Tgt Ion:142 Resp: 507115
Ion Ratio Lower Upper
142 100
141 92.7 74.7 112.1
116 4.1 3.4 5.2

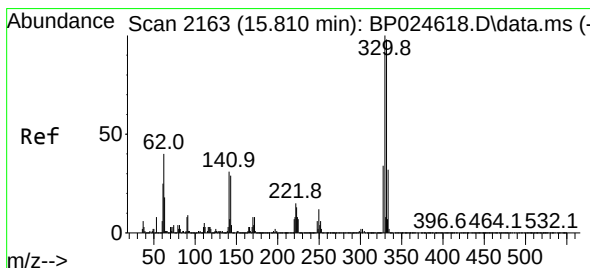
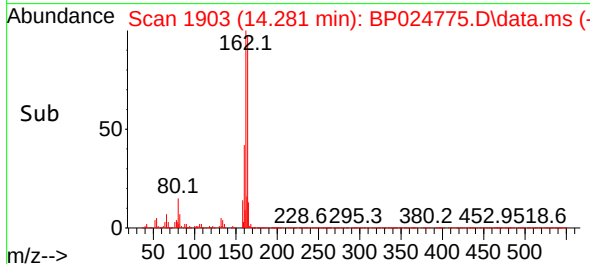
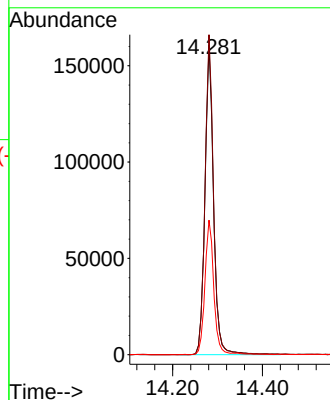
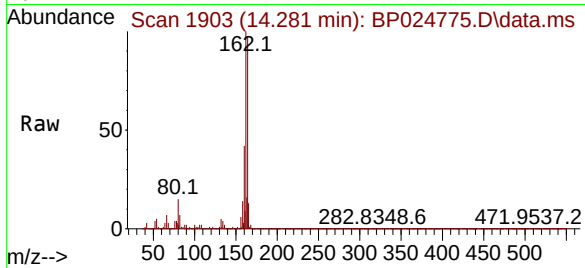




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.024 min
Lab File: BP024775.D
Acq: 23 May 2025 02:32

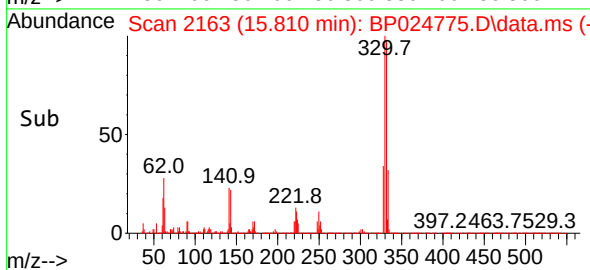
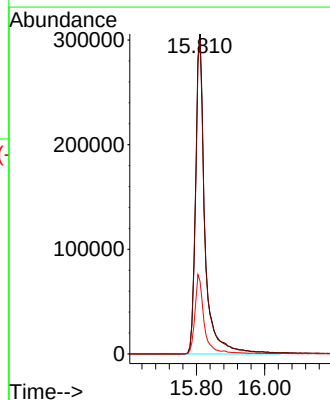
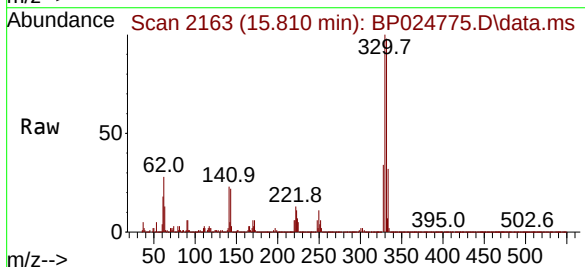
Instrument :
BNA_P
ClientSampleId :
WC-A1-07A-C

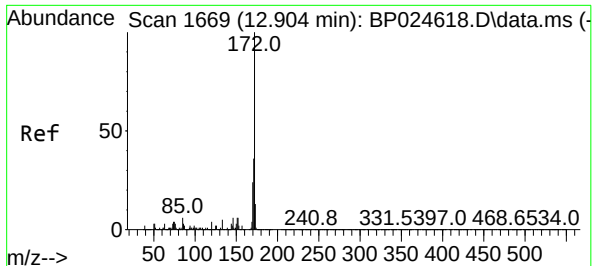
Tgt Ion:164 Resp: 214481
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.6
160 43.5 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 161.352 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024775.D
Acq: 23 May 2025 02:32

Tgt Ion:330 Resp: 586689
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.4
141 24.3 24.3 36.5

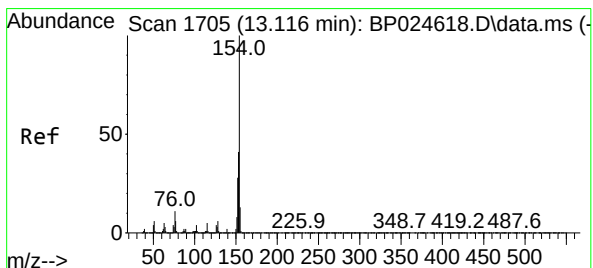
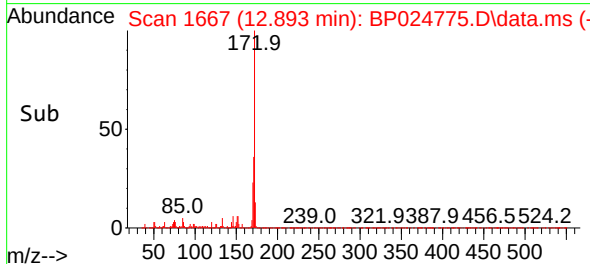
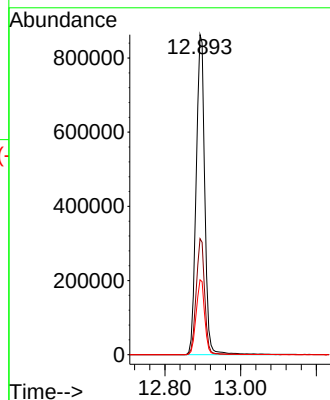
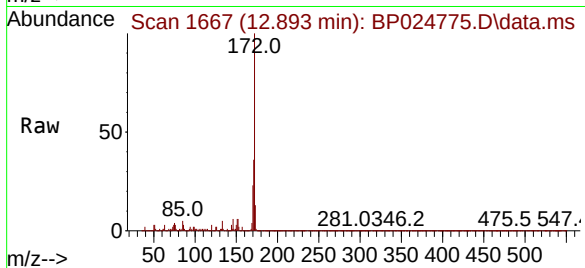




#45
2-Fluorobiphenyl
Concen: 83.787 ng
RT: 12.893 min Scan# 1669
Delta R.T. -0.012 min
Lab File: BP024775.D
Acq: 23 May 2025 02:32

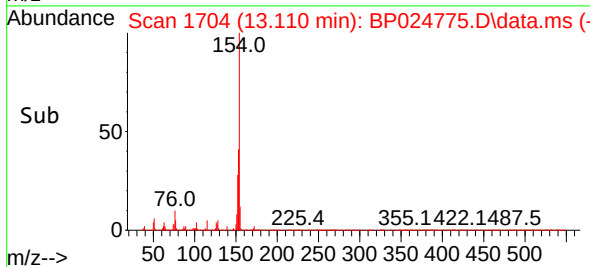
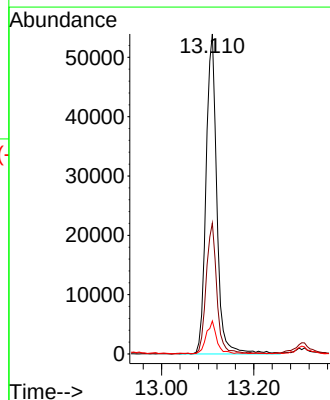
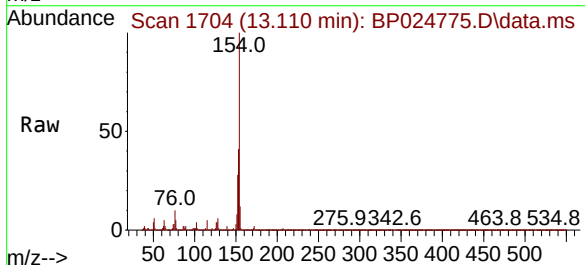
Instrument :
BNA_P
ClientSampleId :
WC-A1-07A-C

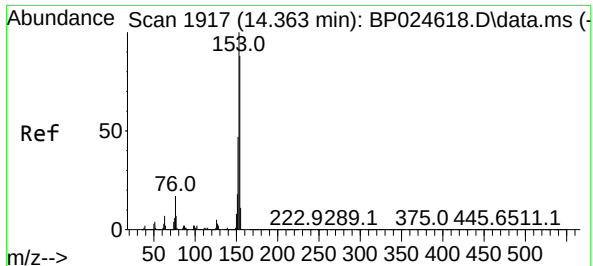
Tgt Ion:172 Resp: 1371688
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 5.586 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP024775.D
Acq: 23 May 2025 02:32

Tgt Ion:154 Resp: 88560
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 10.3 0.0 31.5

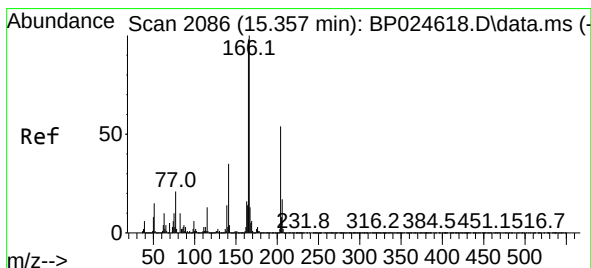
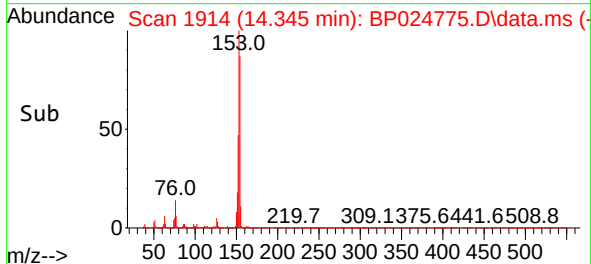
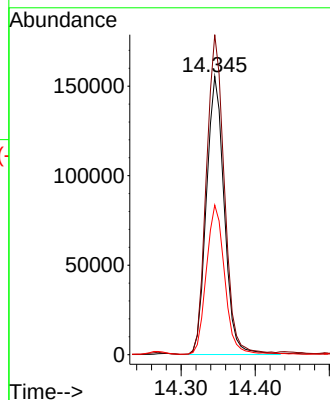
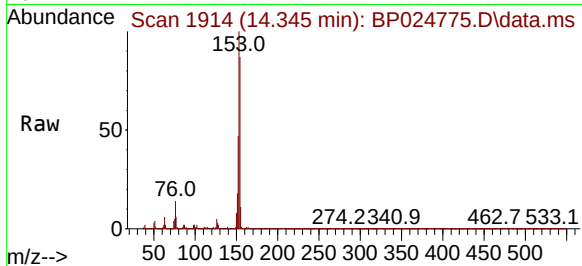




#52
Acenaphthene
Concen: 22.391 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP024775.D
Acq: 23 May 2025 02:32

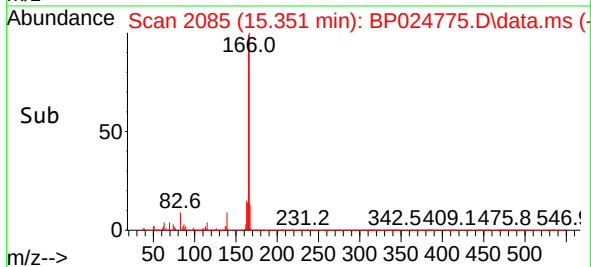
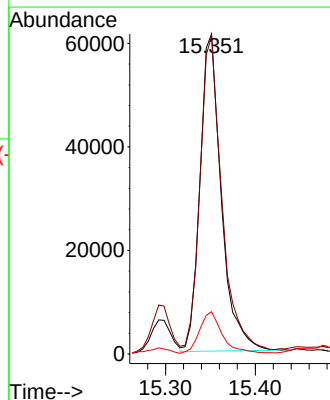
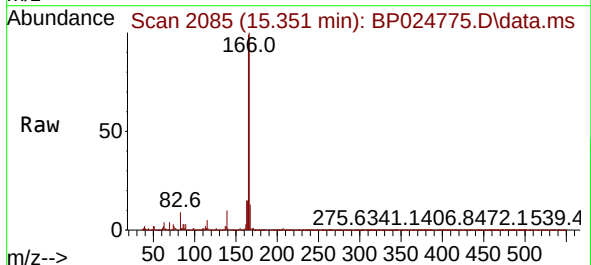
Instrument :
BNA_P
ClientSampleId :
WC-A1-07A-C

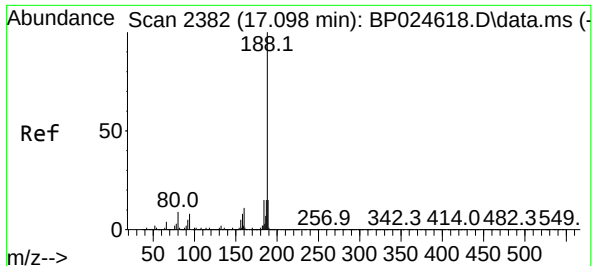
Tgt Ion:154 Resp: 260374
Ion Ratio Lower Upper
154 100
153 115.0 91.0 136.4
152 53.8 42.9 64.3



#58
Fluorene
Concen: 6.661 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024775.D
Acq: 23 May 2025 02:32

Tgt Ion:166 Resp: 100748
Ion Ratio Lower Upper
166 100
165 99.4 78.5 117.7
167 13.2 10.7 16.1

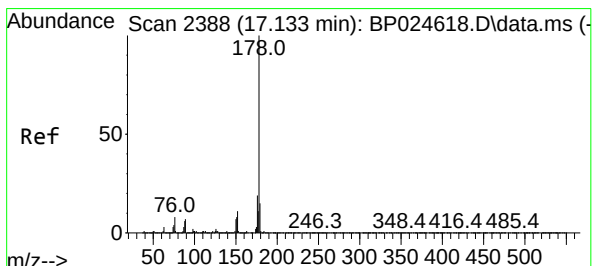
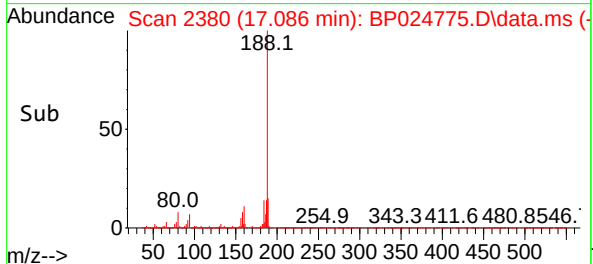
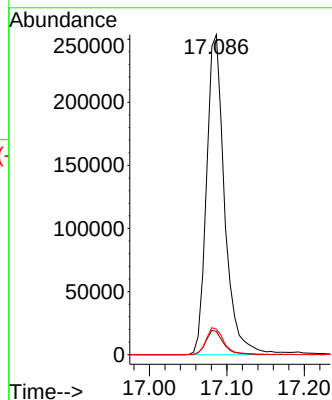
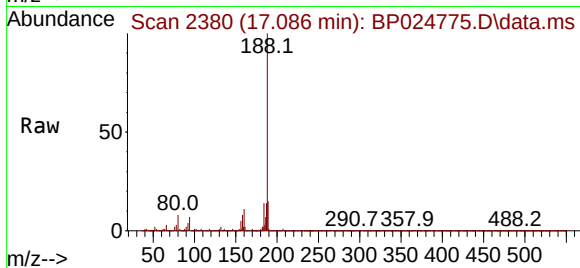




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024775.D
Acq: 23 May 2025 02:32

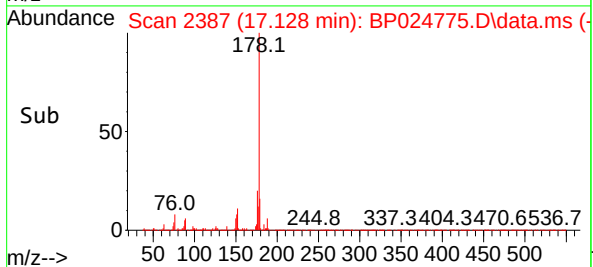
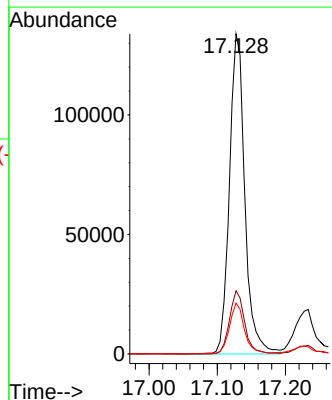
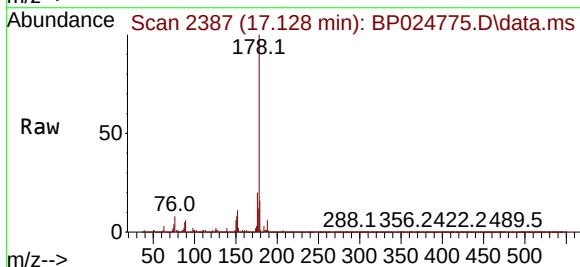
Instrument :
BNA_P
ClientSampleId :
WC-A1-07A-C

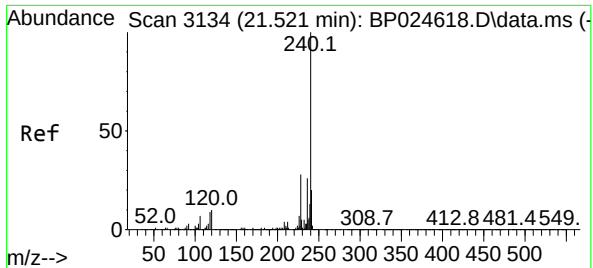
Tgt Ion:188 Resp: 409751
Ion Ratio Lower Upper
188 100
94 7.3 6.5 9.7
80 8.0 7.3 10.9



#71
Phenanthrene
Concen: 9.237 ng
RT: 17.128 min Scan# 2387
Delta R.T. -0.006 min
Lab File: BP024775.D
Acq: 23 May 2025 02:32

Tgt Ion:178 Resp: 210414
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.9 12.2 18.4

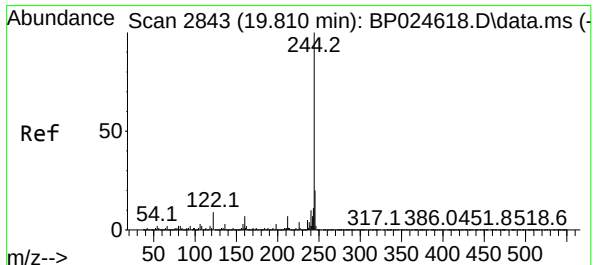
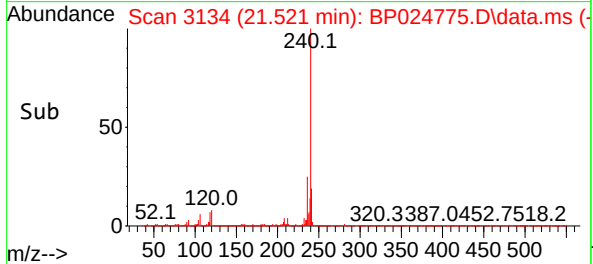
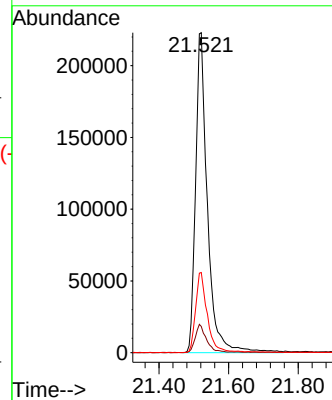
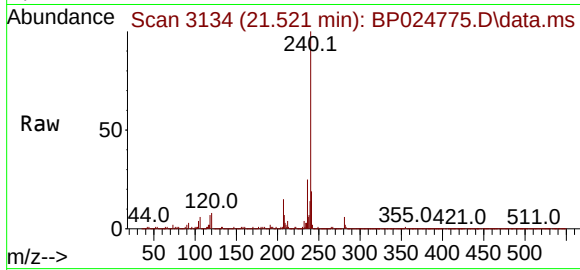




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024775.D
Acq: 23 May 2025 02:32

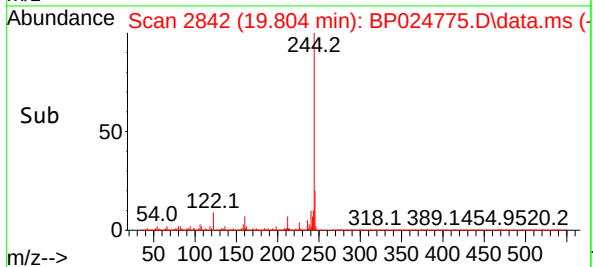
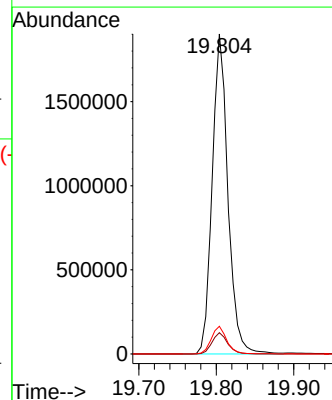
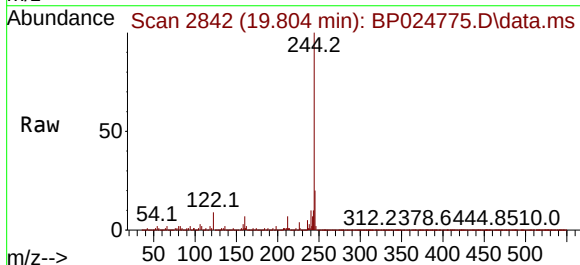
Instrument :
BNA_P
ClientSampleId :
WC-A1-07A-C

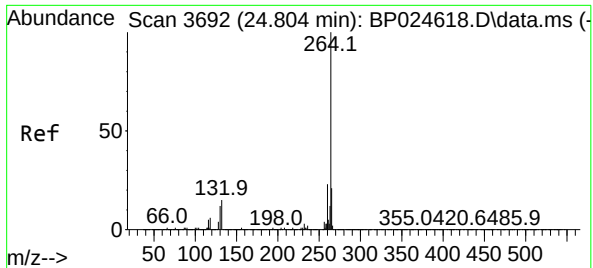
Tgt Ion:240 Resp: 526921
Ion Ratio Lower Upper
240 100
120 8.2 7.8 11.6
236 25.0 20.6 31.0



#79
Terphenyl-d14
Concen: 87.133 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP024775.D
Acq: 23 May 2025 02:32

Tgt Ion:244 Resp: 2677570
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 8.7 7.4 11.0

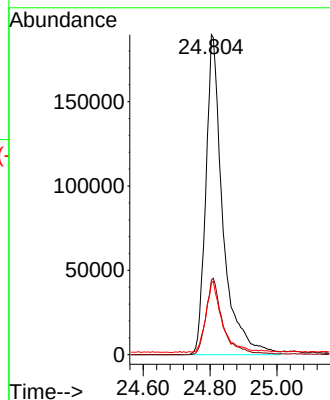
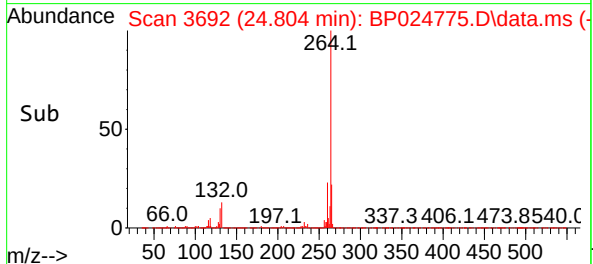
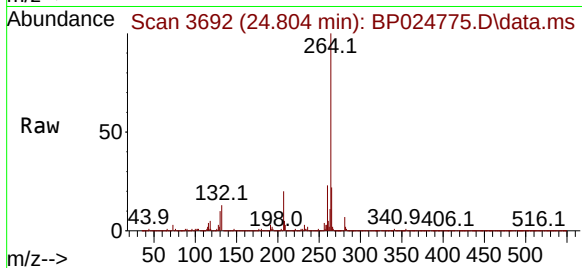




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.804 min Scan# 30
Delta R.T. 0.000 min
Lab File: BP024775.D
Acq: 23 May 2025 02:32

Instrument :
BNA_P
ClientSampleId :
WC-A1-07A-C

Tgt Ion:264 Resp: 668650
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 22.4 17.0 25.6



Report of Analysis

Client:	ENTACT	Date Collected:	05/14/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A4-06-C	SDG No.:	Q2078
Lab Sample ID:	Q2078-19	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024776.D	1	05/22/25 11:14	05/23/25 03:13	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.013	U	0.013	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.0053	U	0.0053	0.050	mg/L
95-48-7	2-Methylphenol	0.011	U	0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.011	U	0.011	0.10	mg/L
67-72-1	Hexachloroethane	0.0065	U	0.0065	0.050	mg/L
98-95-3	Nitrobenzene	0.0076	U	0.0076	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.0054	U	0.0054	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.0051	U	0.0051	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.0062	U	0.0062	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.012	U	0.012	0.050	mg/L
118-74-1	Hexachlorobenzene	0.0052	U	0.0052	0.050	mg/L
87-86-5	Pentachlorophenol	0.016	U	0.016	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	131		15 (10) - 110 (139)	87%	SPK: 150
13127-88-3	Phenol-d6	113		15 (10) - 110 (134)	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.9		30 (49) - 130 (133)	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.5		30 (52) - 130 (132)	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	177	*	15 (44) - 110 (137)	118%	SPK: 150
1718-51-0	Terphenyl-d14	93.9		30 (48) - 130 (125)	94%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	98000	7.652			
1146-65-2	Naphthalene-d8	378000	10.416			
15067-26-2	Acenaphthene-d10	240000	14.281			
1517-22-2	Phenanthrene-d10	497000	17.087			
1719-03-5	Chrysene-d12	609000	21.51			
1520-96-3	Perylene-d12	706000	24.804			

Report of Analysis

Client:	ENTACT		Date Collected:	05/14/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A4-06-C		SDG No.:	Q2078	
Lab Sample ID:	Q2078-19		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024776.D	1	05/22/25 11:14	05/23/25 03:13	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP052225\
 Data File : BP024776.D
 Acq On : 23 May 2025 03:13
 Operator : RC/JU
 Sample : Q2078-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-A4-06-C

Quant Time: May 23 05:07:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

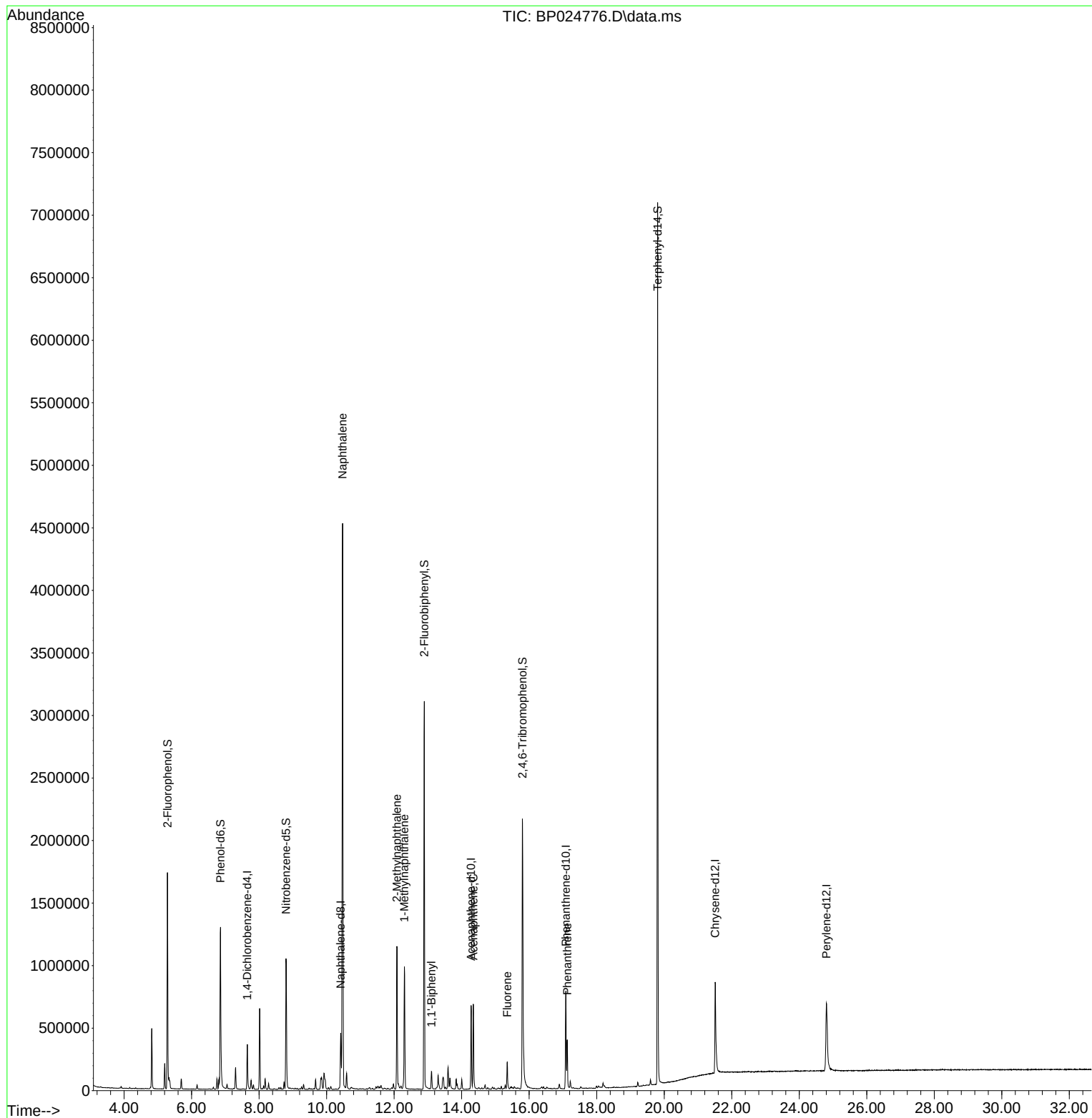
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	97988	20.000	ng	-0.01
21) Naphthalene-d8	10.416	136	378456	20.000	ng	-0.02
39) Acenaphthene-d10	14.281	164	239685	20.000	ng	-0.02
64) Phenanthrene-d10	17.087	188	497233	20.000	ng	-0.01
76) Chrysene-d12	21.510	240	609083	20.000	ng	-0.01
86) Perylene-d12	24.804	264	705796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	749776	130.872	ng	0.00
7) Phenol-d6	6.858	99	823806	112.667	ng	0.00
23) Nitrobenzene-d5	8.799	82	576333	76.944	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	719486	177.067	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1546540	84.534	ng	-0.01
79) Terphenyl-d14	19.804	244	3335116	93.890	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.475	128	3873290	197.497	ng	100
37) 2-Methylnaphthalene	12.081	142	546644	43.046	ng	99
38) 1-Methylnaphthalene	12.304	142	471442	34.697	ng	100
46) 1,1'-Biphenyl	13.104	154	84791	4.786	ng	99
52) Acenaphthene	14.346	154	261357	20.112	ng	99
58) Fluorene	15.351	166	110423	6.533	ng	99
71) Phenanthrene	17.128	178	235813	8.531	ng	100

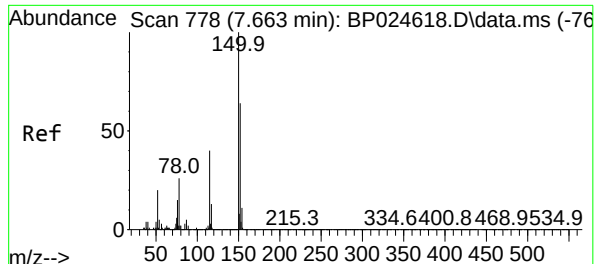
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024776.D
Acq On : 23 May 2025 03:13
Operator : RC/JU
Sample : Q2078-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

Quant Time: May 23 05:07:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

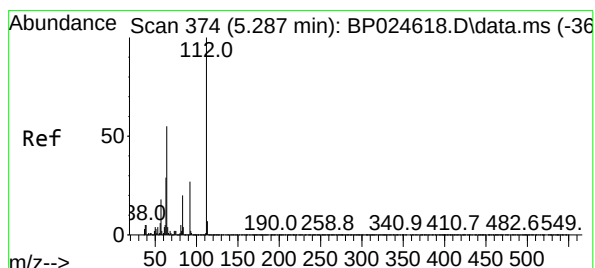
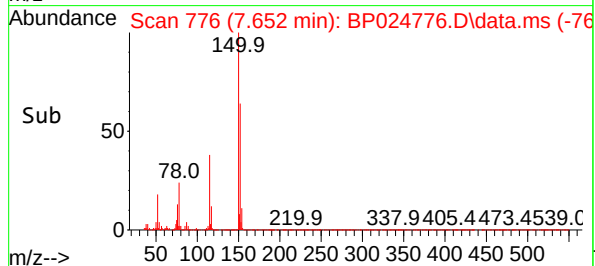
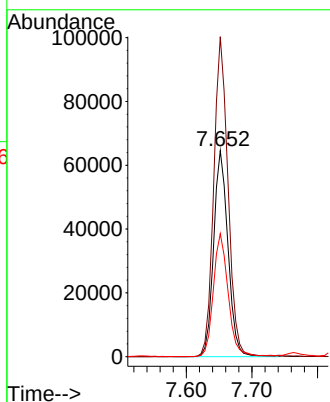
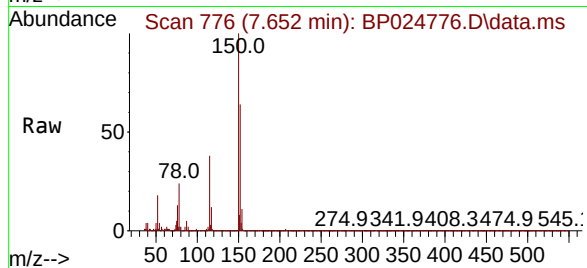




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

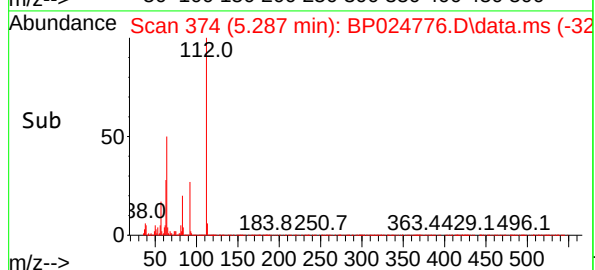
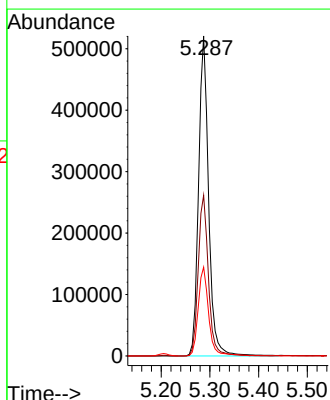
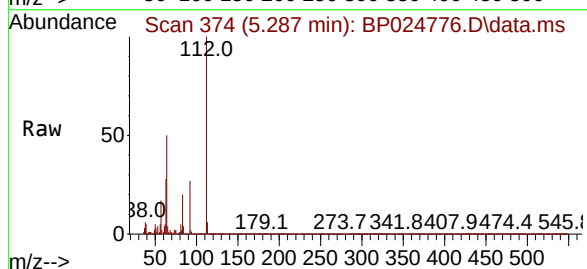
Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

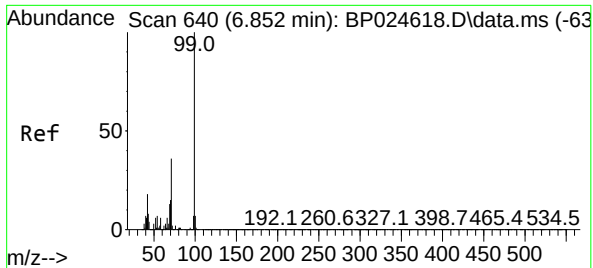
Tgt Ion:152 Resp: 97988
Ion Ratio Lower Upper
152 100
150 155.2 125.9 188.9
115 59.7 50.1 75.1



#5
2-Fluorophenol
Concen: 130.872 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:112 Resp: 749776
Ion Ratio Lower Upper
112 100
64 50.2 44.1 66.1
63 27.8 23.5 35.3

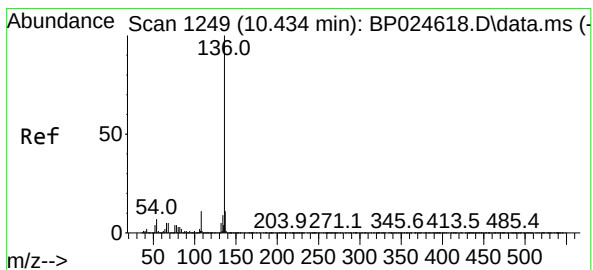
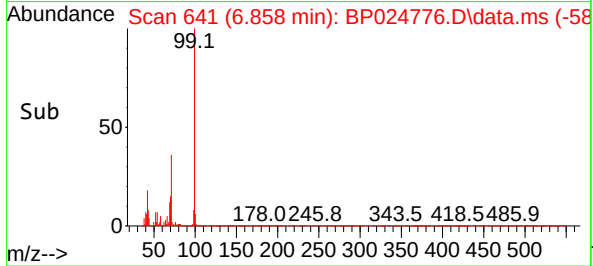
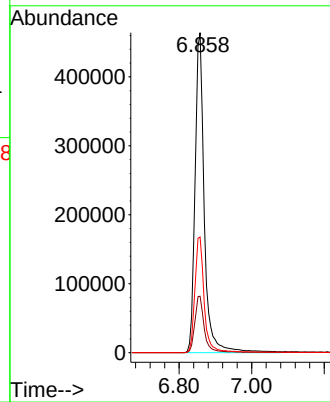
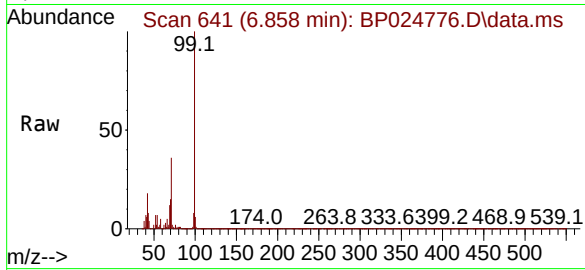




#7
Phenol-d6
Concen: 112.667 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

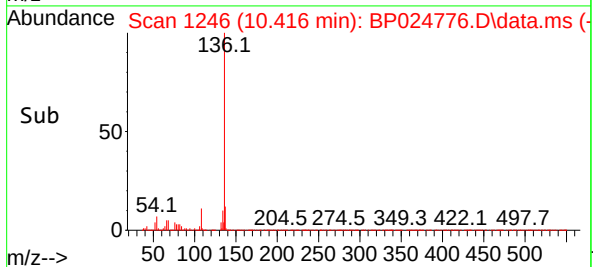
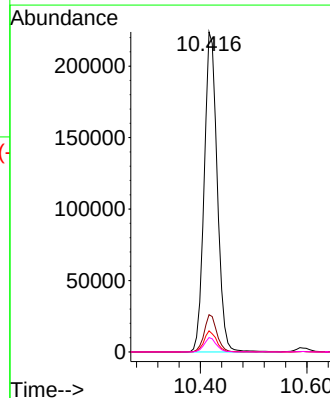
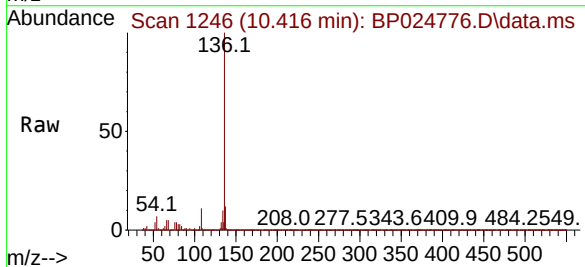
Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

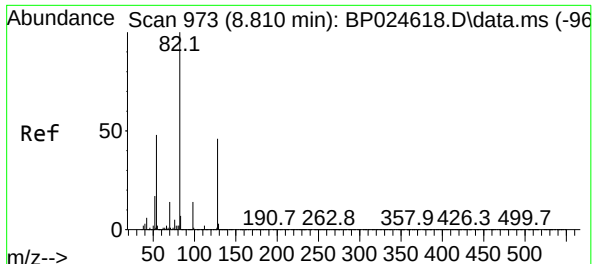
Tgt Ion: 99 Resp: 823806
Ion Ratio Lower Upper
99 100
42 17.7 14.4 21.6
71 36.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.018 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion: 136 Resp: 378456
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 6.6 5.5 8.3
68 4.5 4.2 6.2





#23

Nitrobenzene-d5

Concen: 76.944 ng

RT: 8.799 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP024776.D

Acq: 23 May 2025 03:13

Instrument :

BNA_P

ClientSampleId :

WC-A4-06-C

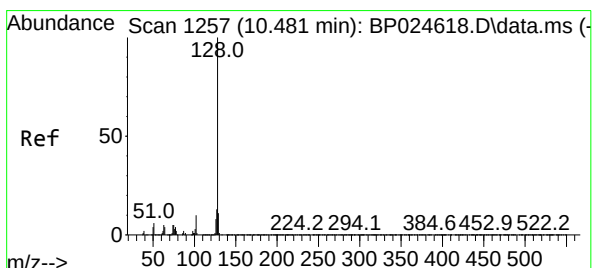
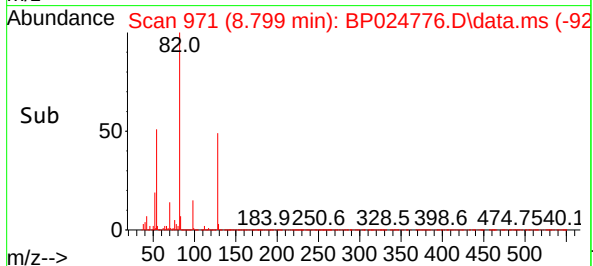
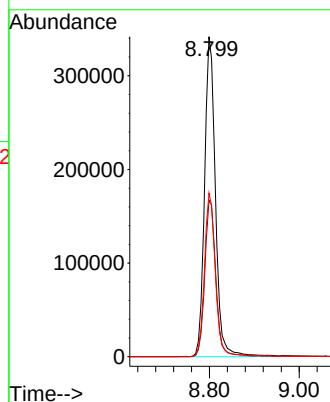
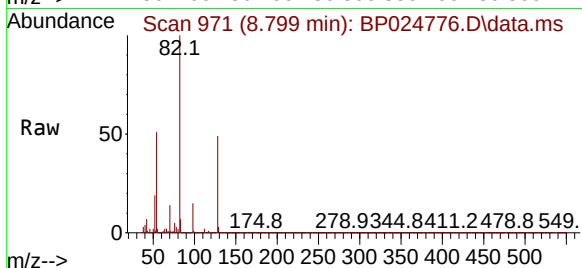
Tgt Ion: 82 Resp: 576333

Ion Ratio Lower Upper

82 100

128 48.9 37.0 55.4

54 51.2 38.7 58.1



#31

Naphthalene

Concen: 197.497 ng

RT: 10.475 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BP024776.D

Acq: 23 May 2025 03:13

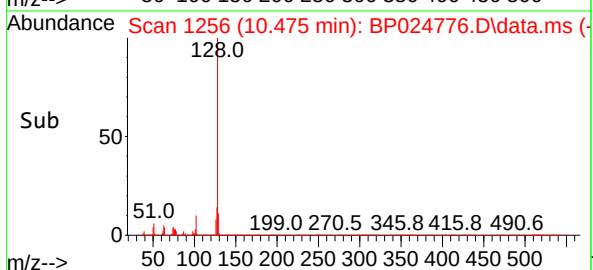
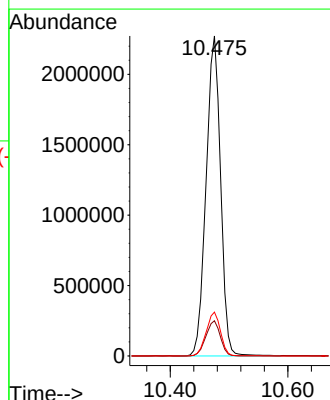
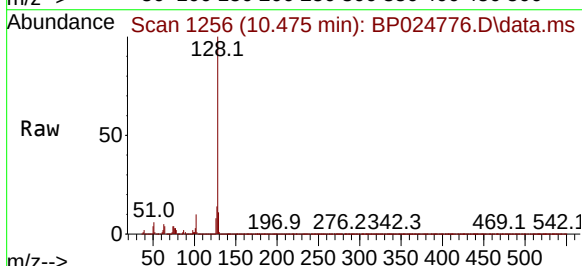
Tgt Ion:128 Resp: 3873290

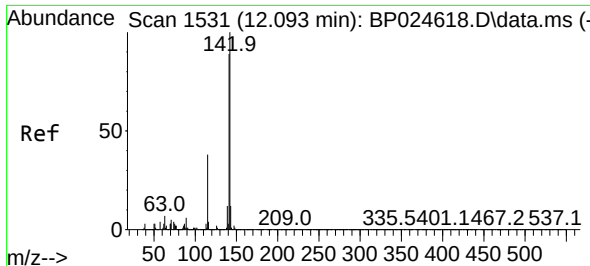
Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.7 10.7 16.1

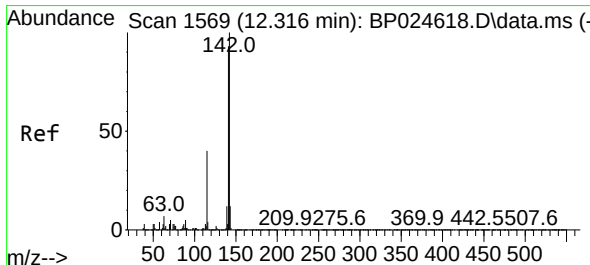
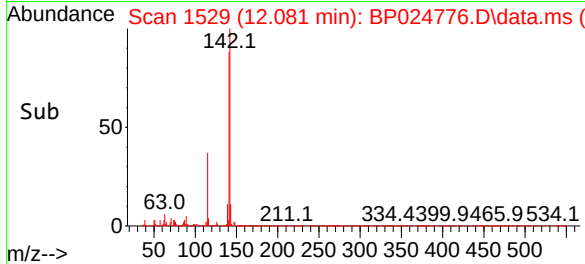
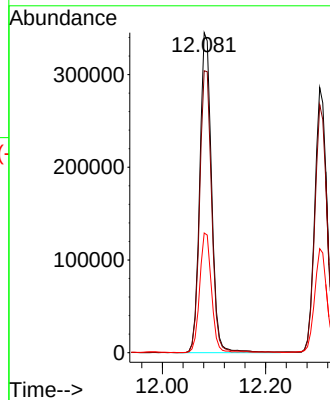
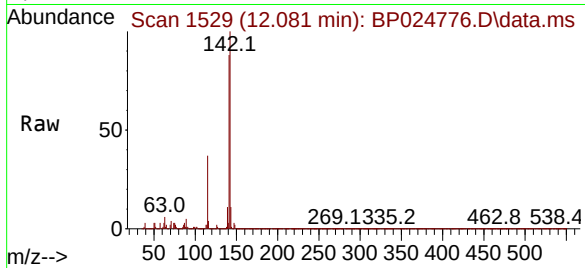




#37
2-Methylnaphthalene
Concen: 43.046 ng
RT: 12.081 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

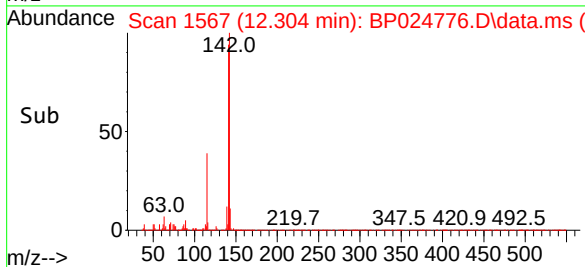
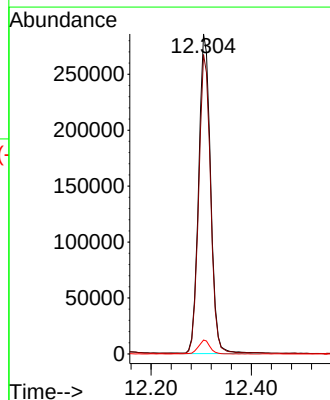
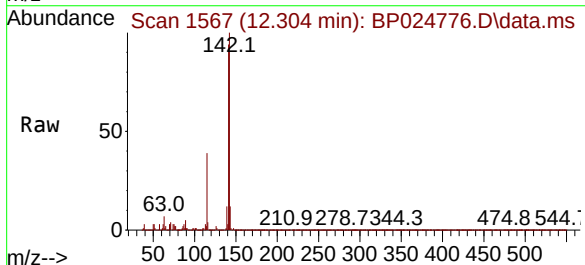
Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

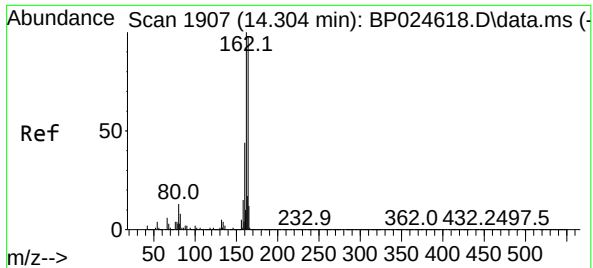
Tgt Ion:142 Resp: 546644
Ion Ratio Lower Upper
142 100
141 88.1 71.2 106.8
115 37.4 30.6 46.0



#38
1-Methylnaphthalene
Concen: 34.697 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:142 Resp: 471442
Ion Ratio Lower Upper
142 100
141 93.5 74.7 112.1
116 4.3 3.4 5.2

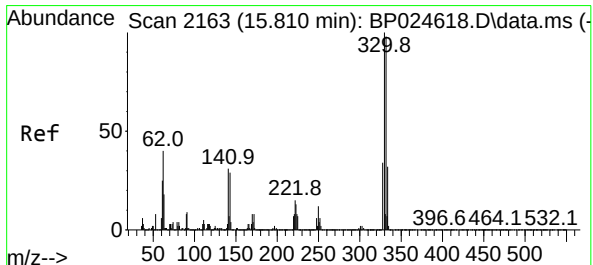
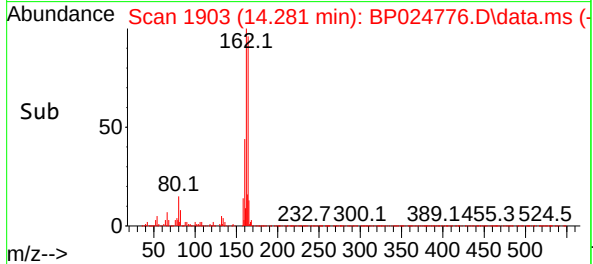
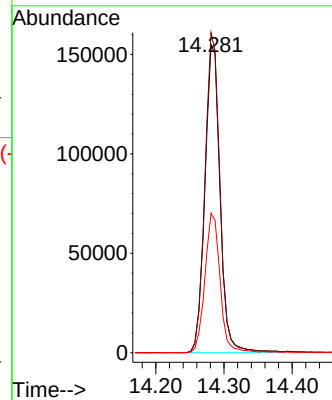
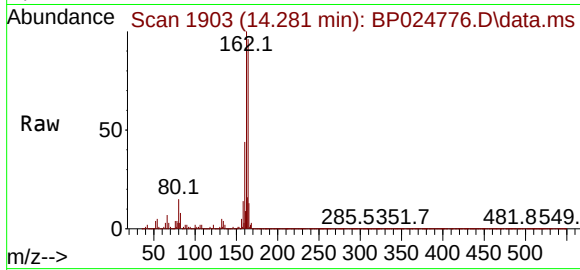




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

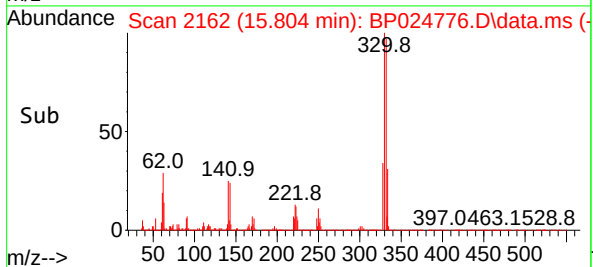
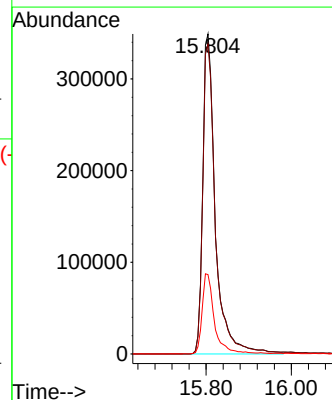
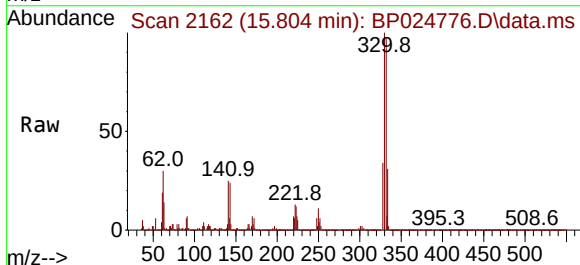
Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

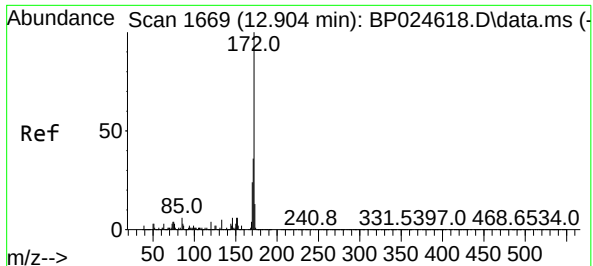
Tgt Ion:164 Resp: 239685
Ion Ratio Lower Upper
164 100
162 103.9 81.8 122.6
160 45.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 177.067 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:330 Resp: 719486
Ion Ratio Lower Upper
330 100
332 98.0 78.2 117.4
141 24.2 24.3 36.5

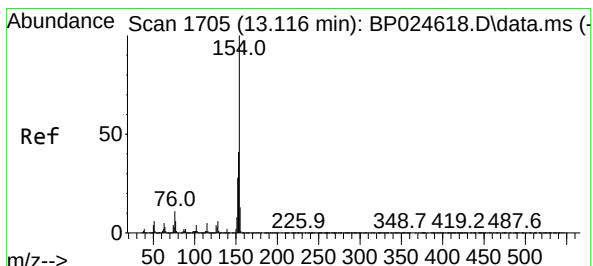
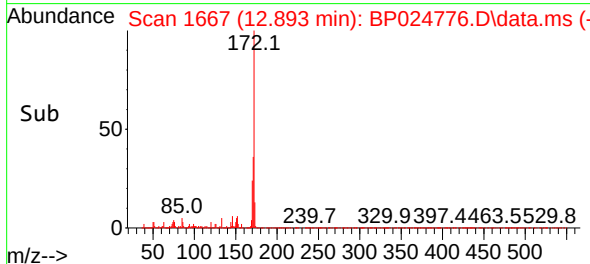
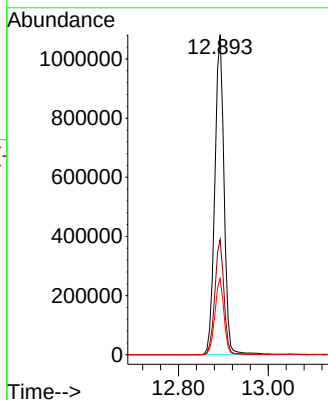
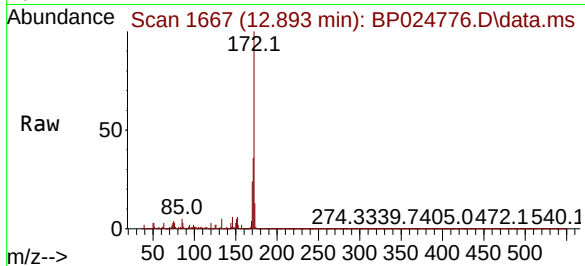




#45
2-Fluorobiphenyl
Concen: 84.534 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

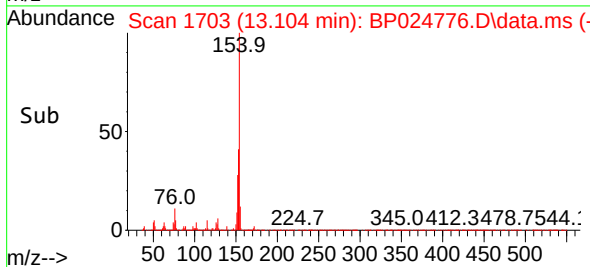
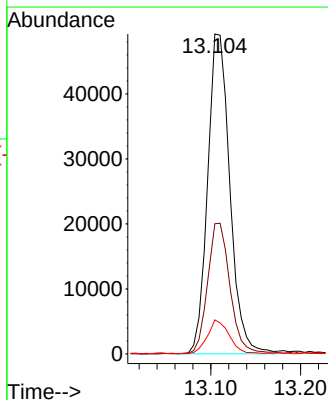
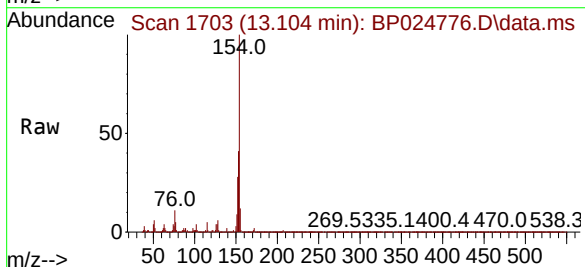
Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

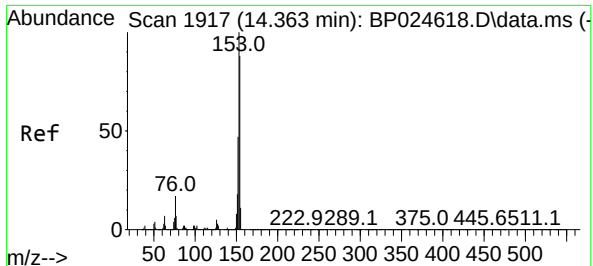
Tgt Ion:172 Resp: 1546540
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.8 18.8 28.2



#46
1,1'-Biphenyl
Concen: 4.786 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:154 Resp: 84791
Ion Ratio Lower Upper
154 100
153 40.7 21.0 61.0
76 10.6 0.0 31.5

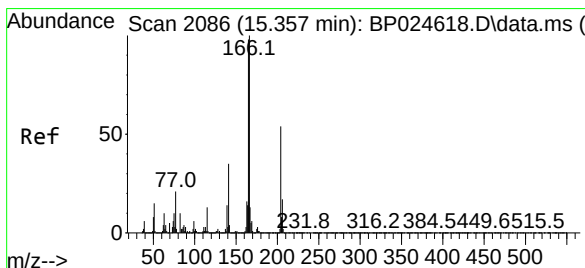
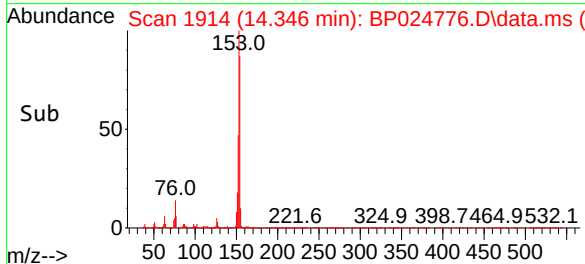
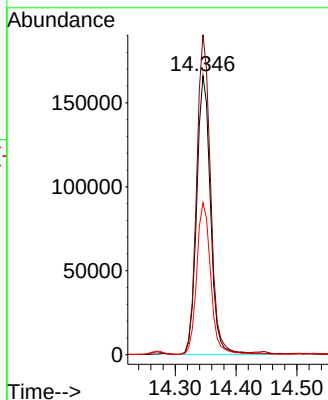
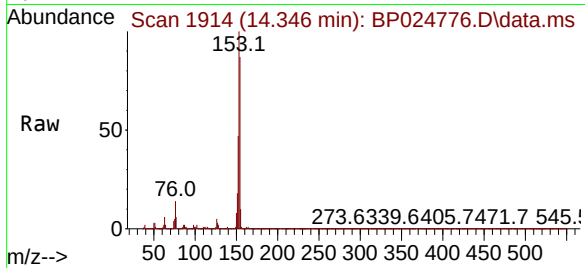




#52
Acenaphthene
Concen: 20.112 ng
RT: 14.346 min Scan# 1914
Delta R.T. -0.017 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

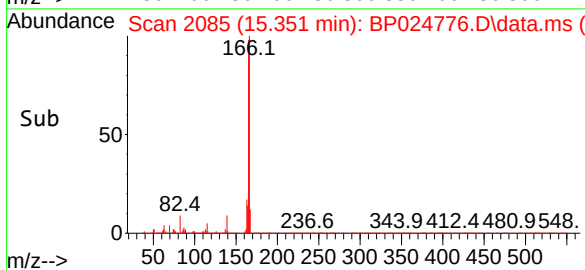
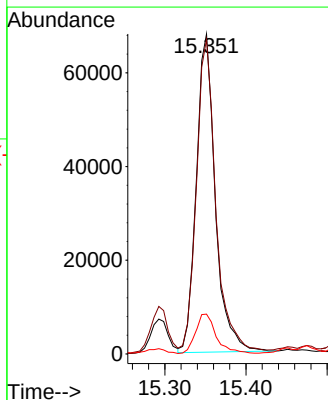
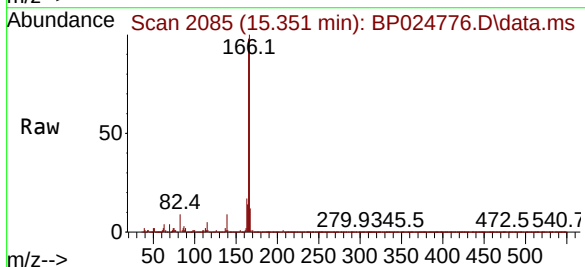
Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

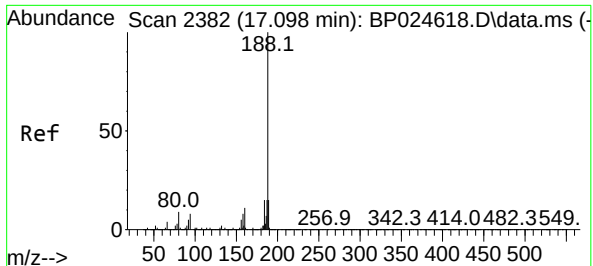
Tgt Ion:154 Resp: 261357
Ion Ratio Lower Upper
154 100
153 114.7 91.0 136.4
152 54.4 42.9 64.3



#58
Fluorene
Concen: 6.533 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:166 Resp: 110423
Ion Ratio Lower Upper
166 100
165 98.4 78.5 117.7
167 12.4 10.7 16.1

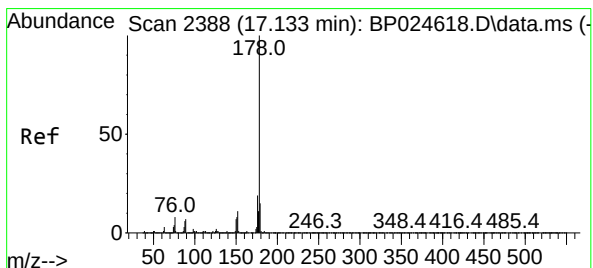
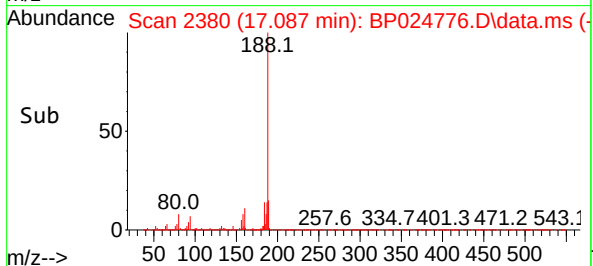
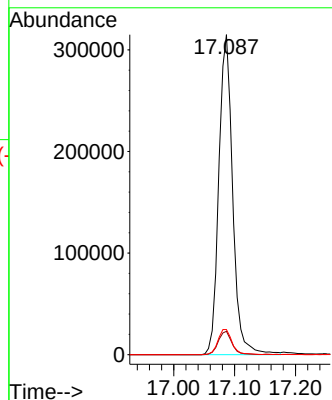
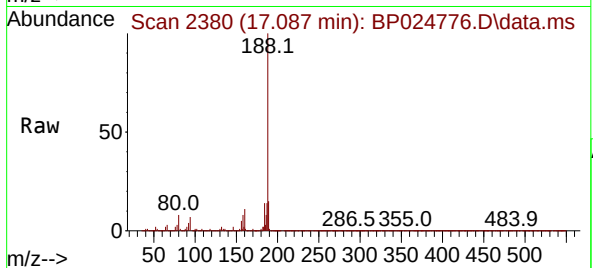




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

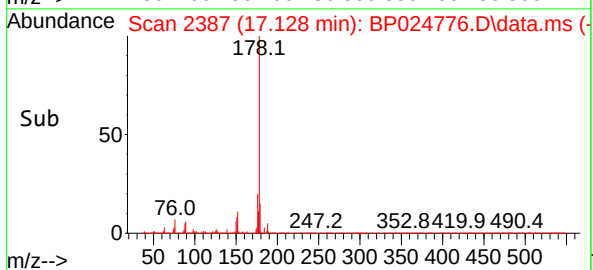
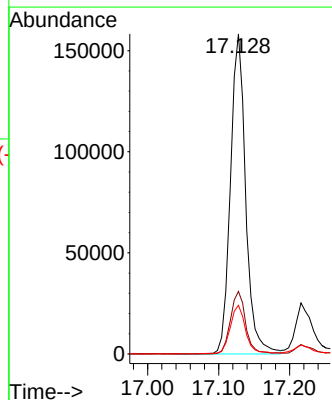
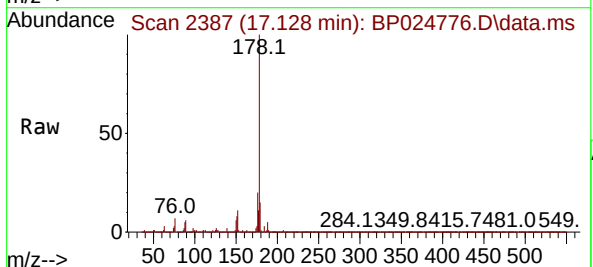
Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

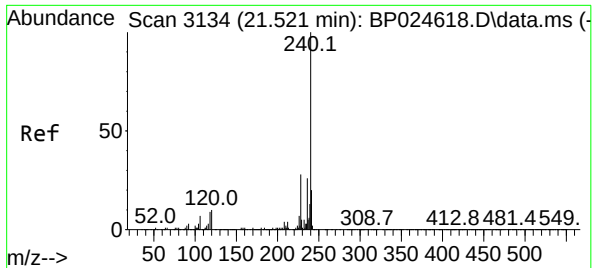
Tgt Ion:188 Resp: 497233
Ion Ratio Lower Upper
188 100
94 7.3 6.5 9.7
80 7.9 7.3 10.9



#71
Phenanthrene
Concen: 8.531 ng
RT: 17.128 min Scan# 2387
Delta R.T. -0.006 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:178 Resp: 235813
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.2 12.2 18.4

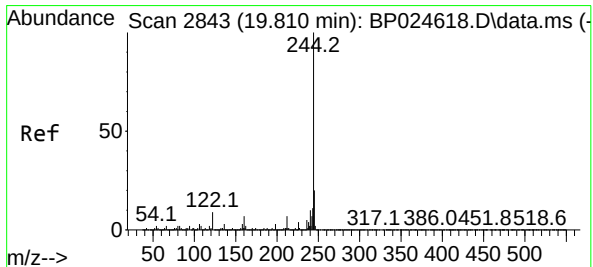
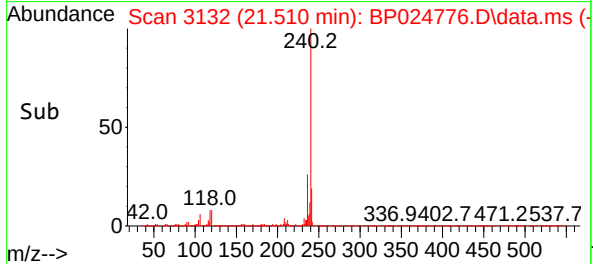
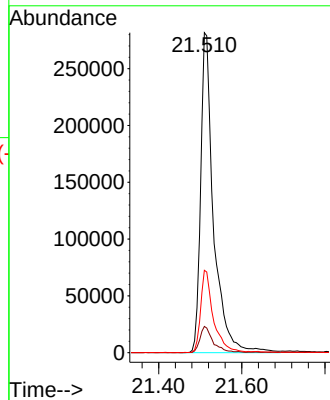
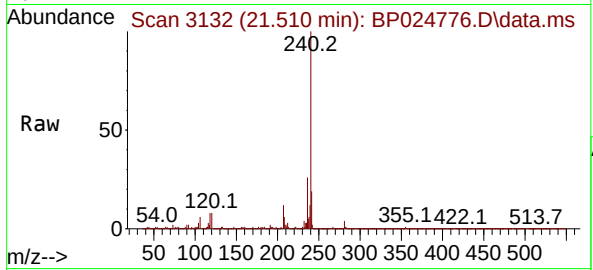




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

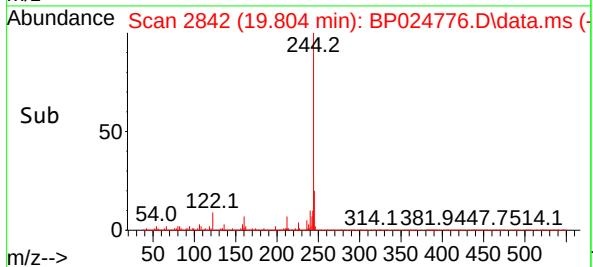
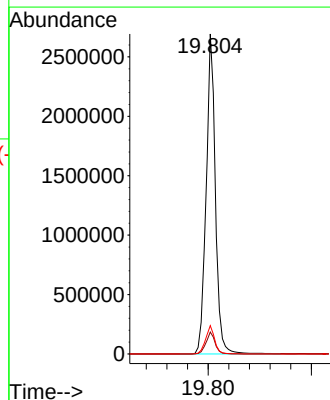
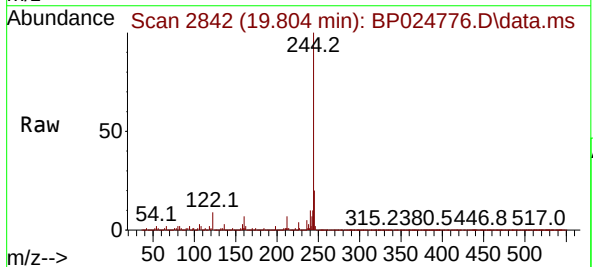
Instrument :
BNA_P
ClientSampleId :
WC-A4-06-C

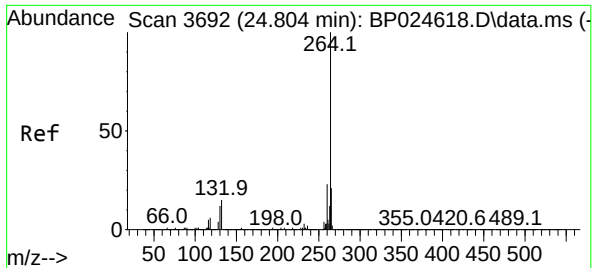
Tgt Ion:240 Resp: 609083
Ion Ratio Lower Upper
240 100
120 8.2 7.8 11.6
236 25.8 20.6 31.0



#79
Terphenyl-d14
Concen: 93.890 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP024776.D
Acq: 23 May 2025 03:13

Tgt Ion:244 Resp: 3335116
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 8.8 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.804 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP024776.D

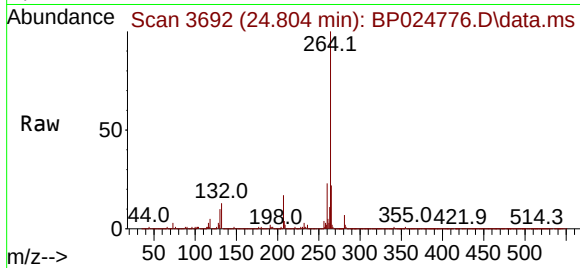
Acq: 23 May 2025 03:13

Instrument :

BNA_P

ClientSampleId :

WC-A4-06-C



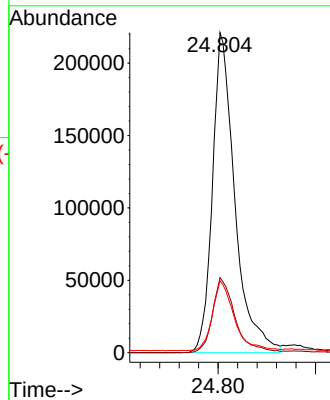
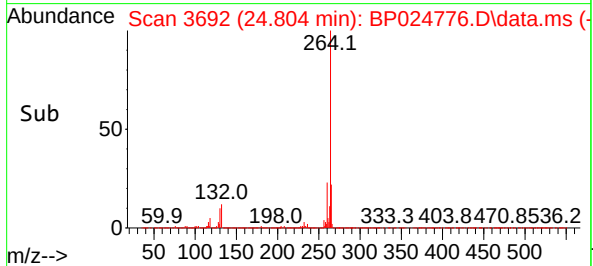
Tgt Ion:264 Resp: 705796

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.4 17.0 25.6





CALIBRATION SUMMARY



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: Q2078 SAS No.: Q2078 SDG No.: Q2078
 Instrument ID: BNA_P Calibration Date(s): 05/13/2025 05/13/2025
 Calibration Time(s): 10:41 15:26

LAB FILE ID:		RRF2.5 = BP024614.D			RRF005 = BP024615.D		RRF010 = BP024616.D	
		RRF020 = BP024617.D			RRF040 = BP024618.D		RRF050 = BP024619.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.054	1.135	1.202	1.198	1.363	1.218	8.6
2-Fluorophenol		1.134	1.096	1.162	1.105	1.272	1.169	5.5
Phenol-d6		1.301	1.344	1.486	1.472	1.671	1.492	9.1
1,4-Dichlorobenzene		1.558	1.505	1.525	1.470	1.637	1.536	3.7
2-Methylphenol		0.966	0.949	1.105	1.099	1.246	1.105	10.3
3+4-Methylphenols		1.221	1.302	1.503	1.515	1.702	1.503	12.2
Nitrobenzene-d5		0.381	0.376	0.401	0.382	0.429	0.396	4.7
Hexachloroethane		0.606	0.591	0.582	0.551	0.623	0.589	4.0
Nitrobenzene		0.333	0.340	0.355	0.337	0.373	0.348	4.0
Hexachlorobutadiene		0.231	0.214	0.211	0.198	0.222	0.213	5.1
2,4,6-Trichlorophenol		0.305	0.341	0.375	0.371	0.428	0.376	11.3
2-Fluorobiphenyl		1.601	1.498	1.553	1.432	1.602	1.527	4.1
2,4,5-Trichlorophenol		0.376	0.375	0.418	0.404	0.471	0.419	8.7
2,4-Dinitrotoluene		0.400	0.422	0.456	0.454	0.508	0.454	7.9
2,4,6-Tribromophenol		0.324	0.321	0.335	0.323	0.369	0.339	5.5
Hexachlorobenzene		0.303	0.288	0.298	0.282	0.321	0.299	4.2
Pentachlorophenol		0.124	0.137	0.163	0.172	0.198	0.168	17.1
Terphenyl-d14		1.192	1.113	1.165	1.125	1.226	1.166	3.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP051325.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue May 13 16:21:39 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP024614.D 5 =BP024615.D 10 =BP024616.D 20 =BP024617.D 40 =BP024618.D 50 =BP024619.D 60 =BP024620.D 80 =BP024621.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane		0.641	0.557	0.535	0.505	0.562	0.530	0.513	0.549	8.31
3)	Pyridine		1.054	1.135	1.202	1.198	1.363	1.307	1.263	1.218	8.57
4)	n-Nitrosodimet...		0.536	0.507	0.527	0.517	0.580	0.557	0.537	0.538	4.61
5) S	2-Fluorophenol		1.134	1.096	1.162	1.105	1.272	1.223	1.193	1.169	5.50
6)	Aniline		1.717	1.703	1.932	1.917	2.130	2.091	1.999	1.927	8.67
7) S	Phenol-d6		1.301	1.344	1.486	1.472	1.671	1.620	1.552	1.492	9.09
8)	2-Chlorophenol		1.200	1.204	1.311	1.303	1.465	1.433	1.376	1.327	7.83
9)	Benzaldehyde		0.991	1.008	1.046	0.955	1.043	0.954	0.766	0.966	9.91
10) C	Phenol		1.373	1.401	1.526	1.509	1.707	1.670	1.597	1.540	8.24
11)	bis(2-Chloroet...		1.317	1.170	1.257	1.213	1.357	1.299	1.247	1.266	5.04
12)	1,3-Dichlorobe...		1.596	1.487	1.520	1.440	1.622	1.546	1.480	1.527	4.29
13) C	1,4-Dichlorobe...		1.558	1.505	1.525	1.470	1.637	1.567	1.491	1.536	3.67
14)	1,2-Dichlorobe...		1.530	1.467	1.498	1.426	1.579	1.529	1.449	1.497	3.56
15)	Benzyl Alcohol		0.883	0.950	1.128	1.149	1.306	1.288	1.236	1.134	14.43
16)	2,2'-oxybis(1-...		1.543	1.445	1.520	1.467	1.617	1.564	1.454	1.516	4.22
17)	2-Methylphenol		0.966	0.949	1.105	1.099	1.246	1.213	1.154	1.105	10.30
18)	Hexachloroethane		0.606	0.591	0.582	0.551	0.623	0.597	0.570	0.589	4.04
19) P	n-Nitroso-di-n...	0.880	0.977	0.967	1.086	1.048	1.142	1.132	1.026	1.032	8.63
20)	3+4-Methylphenols		1.221	1.302	1.503	1.515	1.702	1.692	1.584	1.503	12.21
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone		0.486	0.481	0.511	0.483	0.534	0.512	0.491	0.500	3.97
23) S	Nitrobenzene-d5		0.381	0.376	0.401	0.382	0.429	0.408	0.394	0.396	4.67
24)	Nitrobenzene		0.333	0.340	0.355	0.337	0.373	0.356	0.344	0.348	4.03
25)	Isophorone		0.644	0.640	0.695	0.673	0.753	0.721	0.682	0.687	5.91
26) C	2-Nitrophenol		0.135	0.143	0.168	0.172	0.196	0.192	0.189	0.171	14.05
27)	2,4-Dimethylph...		0.273	0.279	0.300	0.298	0.329	0.318	0.309	0.301	6.60
28)	bis(2-Chloroet...		0.403	0.391	0.411	0.399	0.443	0.419	0.405	0.410	4.15
29) C	2,4-Dichloroph...		0.250	0.258	0.290	0.291	0.327	0.316	0.309	0.292	9.96
30)	1,2,4-Trichlor...		0.346	0.322	0.327	0.306	0.347	0.329	0.323	0.329	4.33
31)	Naphthalene		1.064	1.026	1.049	0.980	1.091	1.037	1.007	1.036	3.54
32)	Benzoic acid			0.089	0.146	0.191	0.215	0.220	0.225	0.181	29.55
33)	4-Chloroaniline		0.348	0.371	0.420	0.418	0.465	0.462	0.442	0.418	10.62
34) C	Hexachlorobuta...		0.231	0.214	0.211	0.198	0.222	0.209	0.206	0.213	5.08
35)	Caprolactam		0.082	0.092	0.104	0.109	0.121	0.121	0.110	0.106	13.80
36) C	4-Chloro-3-met...		0.316	0.325	0.358	0.356	0.391	0.384	0.359	0.356	7.78
37)	2-Methylnaphth...		0.673	0.654	0.670	0.640	0.713	0.693	0.654	0.671	3.73
38)	1-Methylnaphth...		0.741	0.700	0.720	0.690	0.751	0.733	0.690	0.718	3.47

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP051325.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.593	0.558	0.574	0.549	0.625	0.580	0.586	0.581	4.26	
41) P	Hexachlorocycl...	0.250	0.276	0.350	0.356	0.420	0.391	0.421	0.352	19.02	
42) S	2,4,6-Tribromo...	0.324	0.321	0.335	0.323	0.369	0.357	0.346	0.339	5.49	
43) C	2,4,6-Trichlor...	0.305	0.341	0.375	0.371	0.428	0.410	0.402	0.376	11.29	
44)	2,4,5-Trichlor...	0.376	0.375	0.418	0.404	0.471	0.447	0.440	0.419	8.68	
45) S	2-Fluorobiphenyl	1.601	1.498	1.553	1.432	1.602	1.515	1.485	1.527	4.10	
46)	1,1'-Biphenyl	1.524	1.434	1.492	1.383	1.586	1.473	1.456	1.478	4.40	
47)	2-Chloronaphth...	1.147	1.106	1.131	1.065	1.196	1.132	1.113	1.127	3.56	
48)	2-Nitroaniline	0.279	0.304	0.331	0.335	0.381	0.364	0.343	0.334	10.28	
49)	Acenaphthylene	1.845	1.818	1.920	1.804	2.029	1.930	1.856	1.886	4.19	
50)	Dimethylphthalate	1.570	1.527	1.518	1.450	1.611	1.535	1.460	1.524	3.73	
51)	2,6-Dinitrotol...	0.299	0.308	0.326	0.312	0.354	0.337	0.319	0.322	5.75	
52) C	Acenaphthene	1.105	1.054	1.094	1.028	1.159	1.099	1.052	1.084	4.02	
53)	3-Nitroaniline	0.258	0.275	0.329	0.340	0.379	0.370	0.350	0.329	14.04	
54) P	2,4-Dinitrophenol		0.098	0.143	0.172	0.201	0.201	0.201	0.169	24.79	
55)	Dibenzofuran	1.810	1.716	1.740	1.633	1.816	1.733	1.658	1.730	4.00	
56) P	4-Nitrophenol		0.159	0.222	0.257	0.299	0.288	0.274	0.250	20.82	
57)	2,4-Dinitrotol...	0.400	0.422	0.456	0.454	0.508	0.483	0.454	0.454	7.87	
58)	Fluorene	1.466	1.415	1.410	1.336	1.494	1.410	1.341	1.410	4.14	
59)	2,3,4,6-Tetrac...	0.367	0.364	0.381	0.379	0.428	0.406	0.394	0.388	5.89	
60)	Diethylphthalate	1.593	1.542	1.537	1.444	1.639	1.563	1.468	1.541	4.40	
61)	4-Chlorophenyl...	0.752	0.697	0.700	0.656	0.741	0.709	0.668	0.703	5.01	
62)	4-Nitroaniline	0.228	0.259	0.326	0.330	0.375	0.363	0.341	0.317	17.06	
63)	Azobenzene	1.327	1.299	1.356	1.250	1.407	1.343	1.243	1.318	4.45	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...		0.094	0.120	0.129	0.149	0.143	0.141	0.129	15.64	
66) c	n-Nitrosodiphe...	0.603	0.589	0.627	0.593	0.667	0.621	0.600	0.614	4.41	
67)	4-Bromophenyl-...	0.231	0.223	0.237	0.226	0.252	0.242	0.240	0.236	4.31	
68)	Hexachlorobenzene	0.303	0.288	0.298	0.282	0.321	0.304	0.300	0.299	4.25	
69)	Atrazine	0.210	0.209	0.227	0.218	0.248	0.237	0.226	0.225	6.32	
70) C	Pentachlorophenol	0.124	0.137	0.163	0.172	0.198	0.191	0.192	0.168	17.12	
71)	Phenanthrene	1.144	1.085	1.125	1.051	1.170	1.125	1.083	1.112	3.68	
72)	Anthracene	1.097	1.064	1.142	1.075	1.205	1.139	1.108	1.119	4.31	
73)	Carbazole	0.923	0.944	1.039	1.001	1.114	1.053	1.013	1.012	6.43	
74)	Di-n-butylphth...	1.182	1.218	1.332	1.260	1.447	1.363	1.313	1.302	6.97	
75) C	Fluoranthene	1.271	1.254	1.314	1.250	1.399	1.337	1.272	1.300	4.18	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine		0.362	0.543	0.560	0.657	0.599	0.548	0.545	18.22	
78)	Pyrene	1.184	1.137	1.197	1.153	1.273	1.222	1.223	1.198	3.85	
79) S	Terphenyl-d14	1.192	1.113	1.165	1.125	1.226	1.175	1.167	1.166	3.30	
80)	Butylbenzylphth...	0.458	0.465	0.537	0.527	0.604	0.571	0.569	0.533	10.28	
81)	Benzo(a)anthra...	1.251	1.218	1.253	1.208	1.336	1.275	1.250	1.256	3.36	
82)	3,3'-Dichlorob...	0.357	0.392	0.474	0.477	0.539	0.511	0.514	0.466	14.45	
83)	Chrysene	1.214	1.180	1.185	1.131	1.255	1.188	1.180	1.190	3.16	
84)	Bis(2-ethylhex...	0.673	0.683	0.801	0.766	0.884	0.836	0.841	0.783	10.32	
85) c	Di-n-octyl pht...	1.048	1.116	1.272	1.280	1.458	1.376	1.417	1.281	11.95	

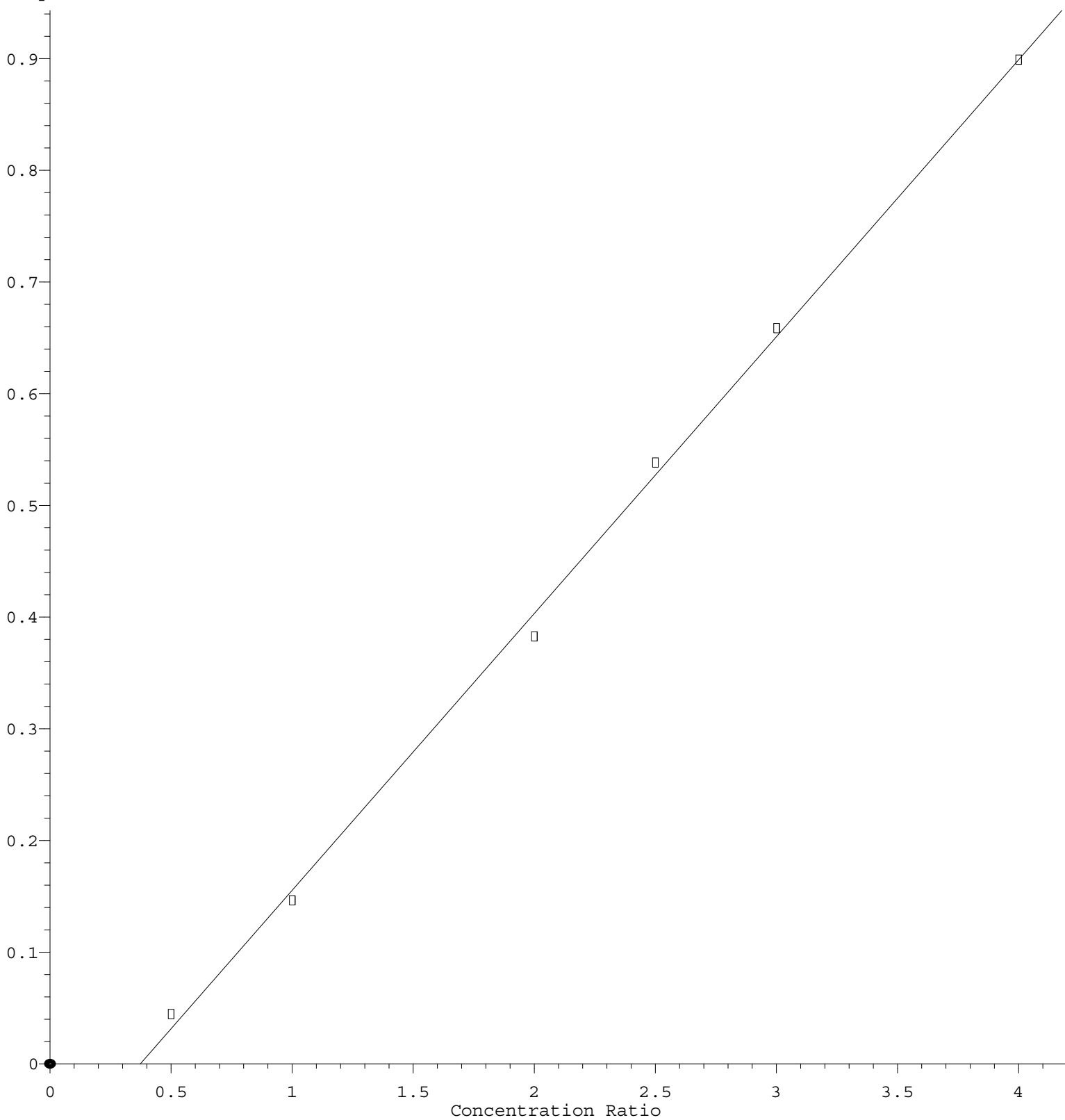
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP051325.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.341	1.357	1.447	1.424	1.608	1.549	1.494	1.460	6.70
88)	Benzo(b)fluora...	1.028	1.070	1.152	1.103	1.288	1.184	1.189	1.145	7.58
89)	Benzo(k)fluora...	1.147	1.106	1.182	1.140	1.258	1.238	1.185	1.180	4.59
90) C	Benzo(a)pyrene	0.995	1.001	1.112	1.064	1.221	1.167	1.136	1.099	7.68
91)	Dibenzo(a,h)an...	1.068	1.066	1.186	1.167	1.321	1.271	1.236	1.188	8.18
92)	Benzo(g,h,i)pe...	1.101	1.106	1.167	1.147	1.294	1.242	1.212	1.181	6.07

(#) = Out of Range

Benzoic acid

Response Ratio



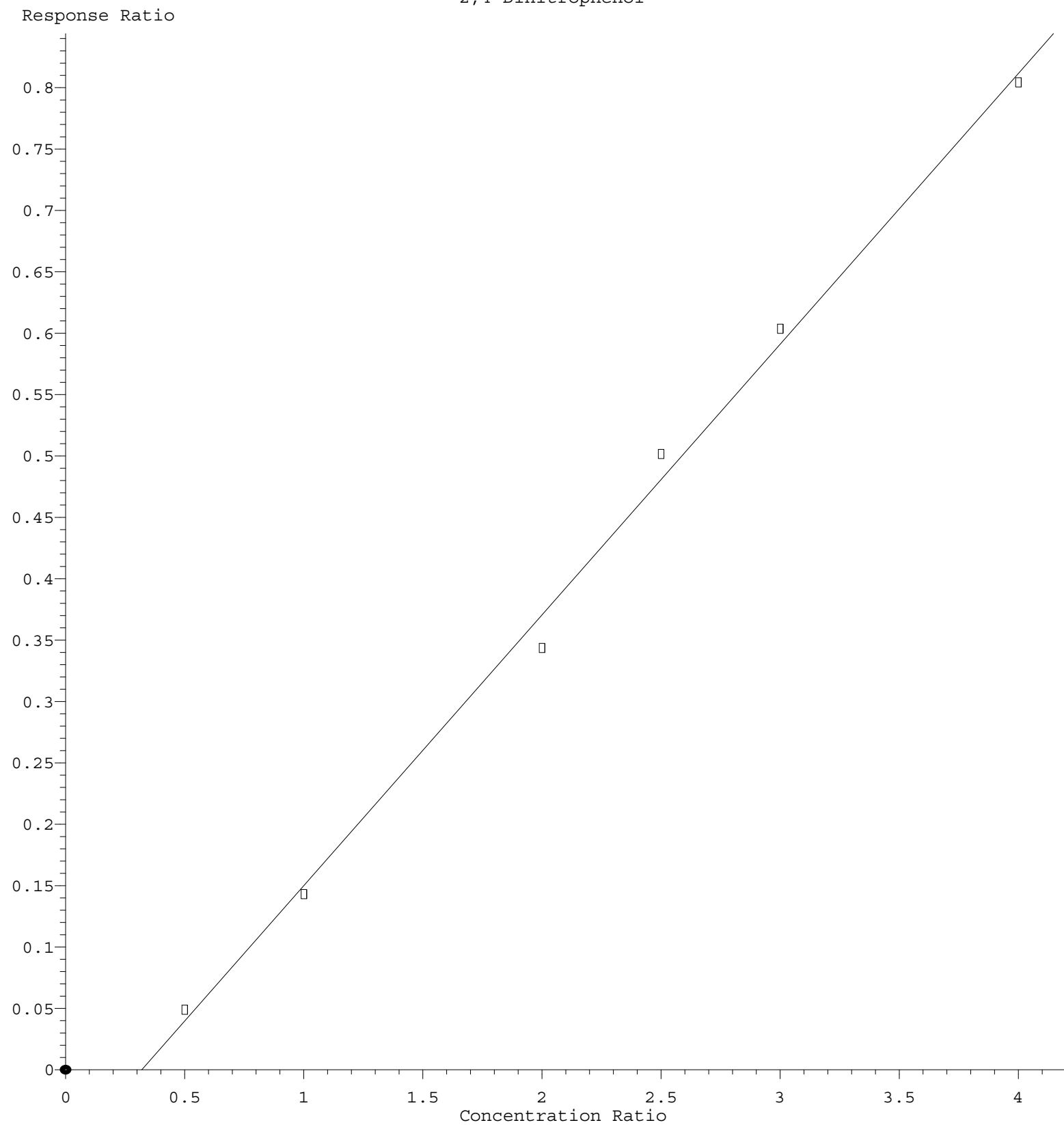
$$\text{Response} = 2.481\text{e-}001 * \text{Amt} - 9.265\text{e-}002$$

Coef of Det (r^2) = 0.998338 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP051325.M

Calibration Table Last Updated: Tue May 13 16:21:39 2025

2,4-Dinitrophenol



$$\text{Response} = 2.207\text{e-}001 * \text{Amt} - 7.063\text{e-}002$$

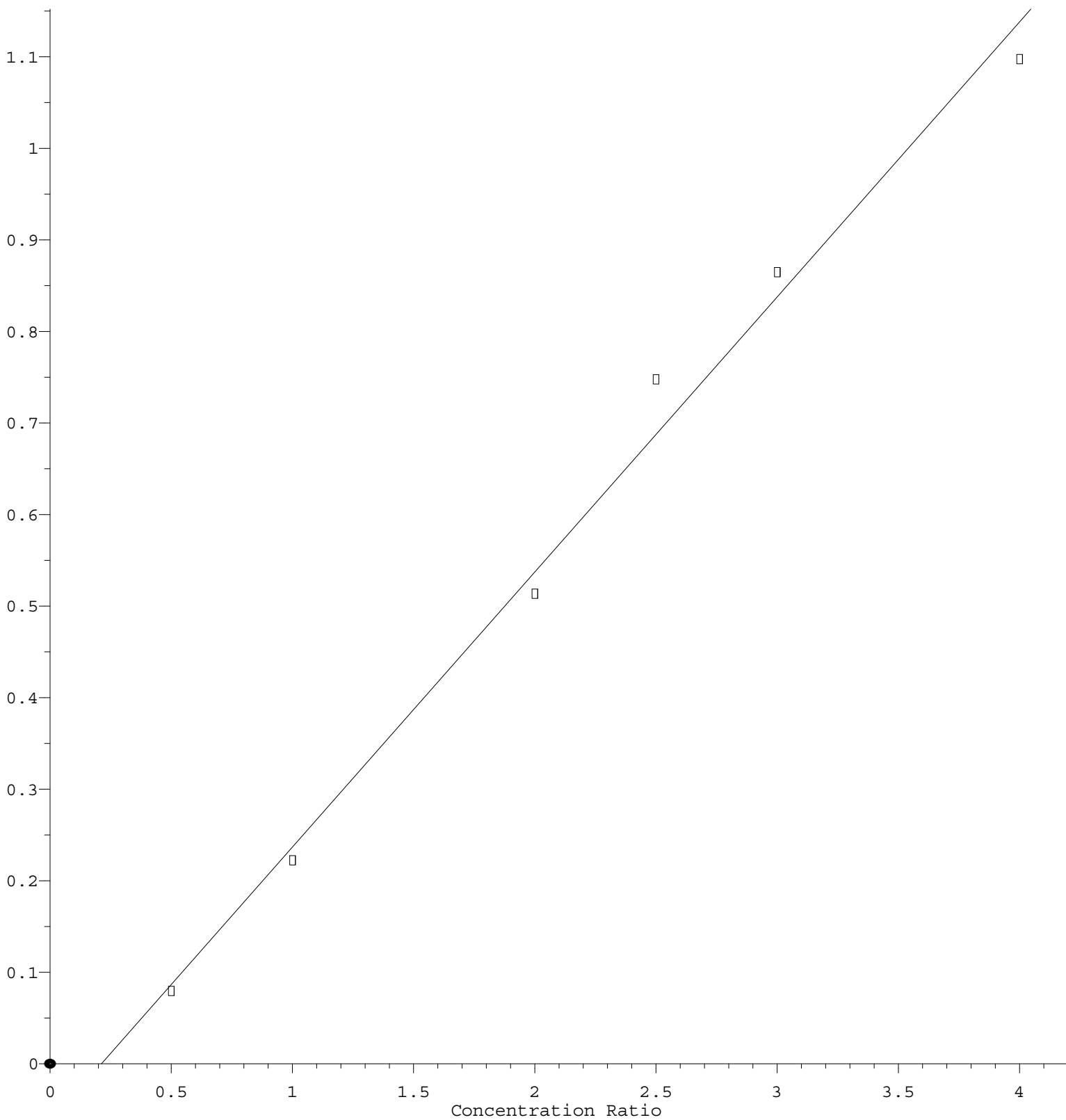
Coef of Det (r^2) = 0.996311 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP051325.M

Calibration Table Last Updated: Tue May 13 16:21:39 2025

4-Nitrophenol

Response Ratio



$$\text{Response} = 3.005\text{e-}001 * \text{Amt} - 6.362\text{e-}002$$

Coef of Det (r^2) = 0.991009 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP051325.M

Calibration Table Last Updated: Tue May 13 16:21:39 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024614.D
 Acq On : 13 May 2025 10:41
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC2.5

Quant Time: May 13 16:01:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

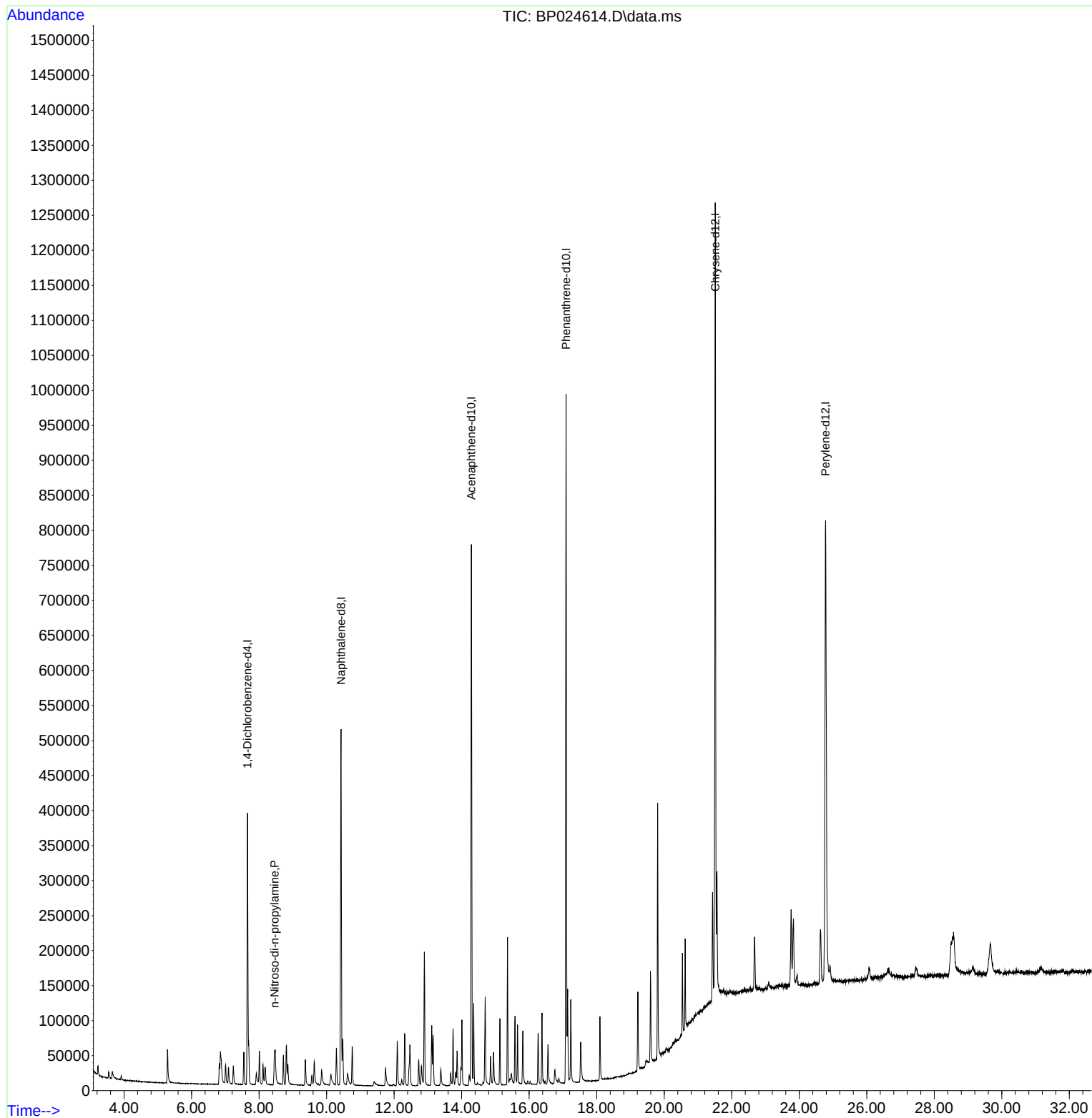
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	105461	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	434352	20.00	ng	0.00
39) Acenaphthene-d10	14.287	164	287970	20.00	ng	-0.02
64) Phenanthrene-d10	17.092	188	596044	20.00	ng	0.00
76) Chrysene-d12	21.516	240	663028	20.00	ng	0.00
86) Perylene-d12	24.780	264	769627	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.00	ng	
7) Phenol-d6	0.000	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.00	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.00	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng	
79) Terphenyl-d14	0.000	244	0d	0.00	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.458	70	11601	2.13	ng	96

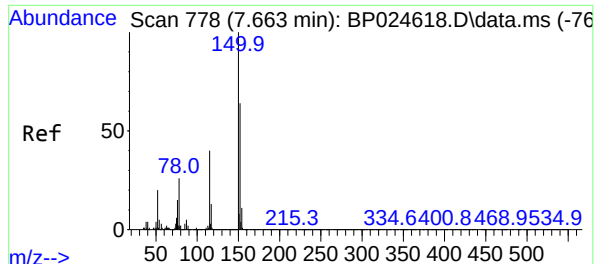
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024614.D
Acq On : 13 May 2025 10:41
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: May 13 16:01:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.658 min Scan# 7

Delta R.T. -0.005 min

Lab File: BP024614.D

Acq: 13 May 2025 10:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

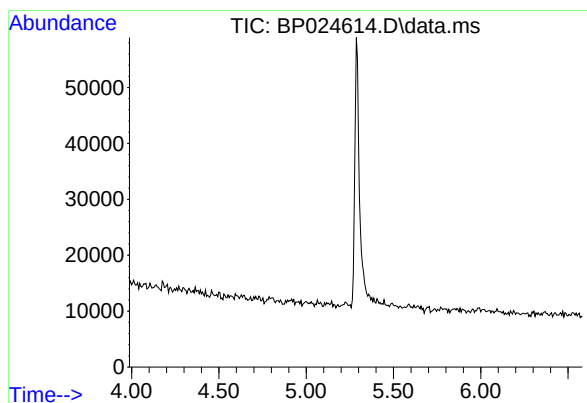
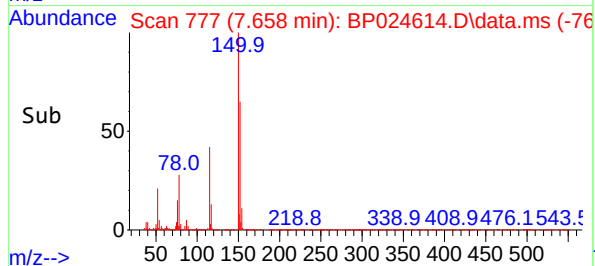
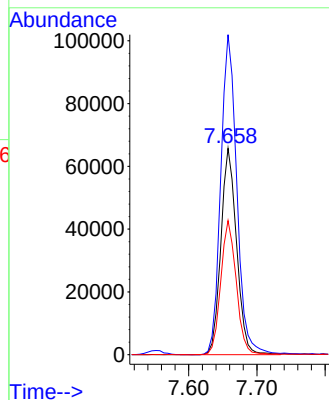
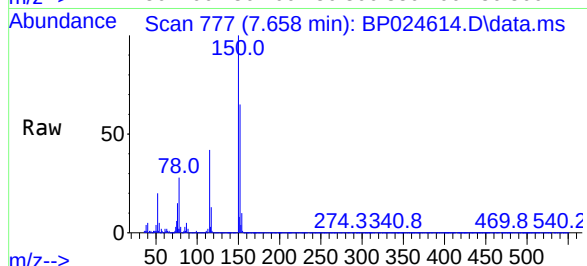
Tgt Ion:152 Resp: 105461

Ion Ratio Lower Upper

152 100

150 155.0 125.9 188.9

115 65.0 50.1 75.1



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.29 min

Lab File: BP024614.D

Acq: 13 May 2025 10:41

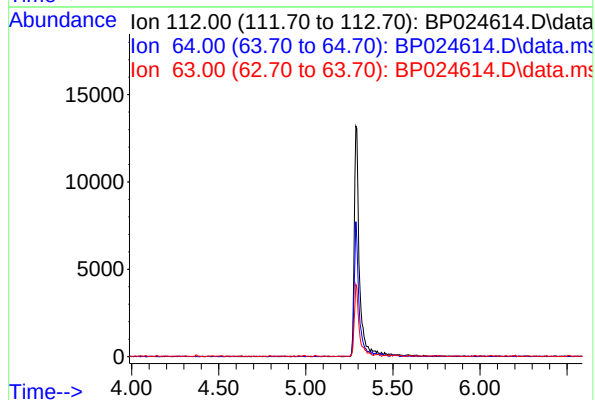
Tgt Ion: 112

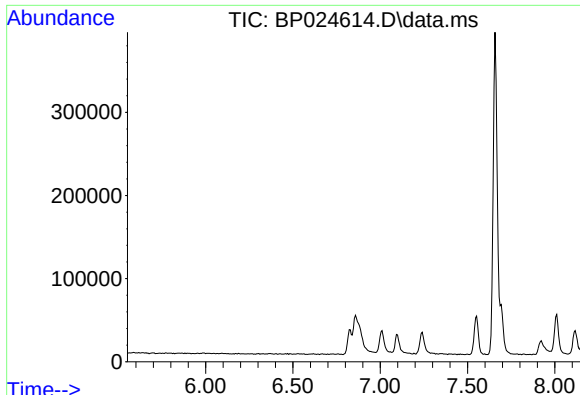
Sig Exp Ratio

112 100

64 55.1

63 29.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.85 min

Lab File: BP024614.D

Acq: 13 May 2025 10:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

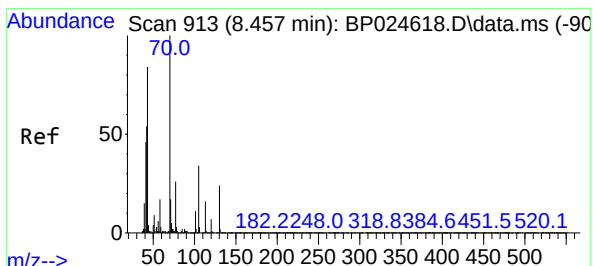
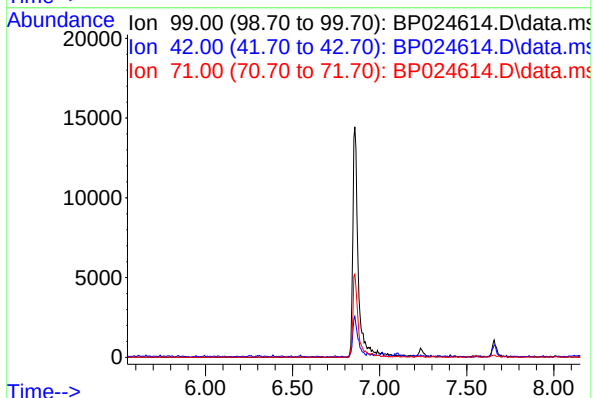
Tgt Ion: 99

Sig Exp Ratio

99 100

42 18.0

71 36.5



#19

n-Nitroso-di-n-propylamine

Concen: 2.13 ng

RT: 8.458 min Scan# 913

Delta R.T. 0.000 min

Lab File: BP024614.D

Acq: 13 May 2025 10:41

Tgt Ion: 70 Resp: 11601

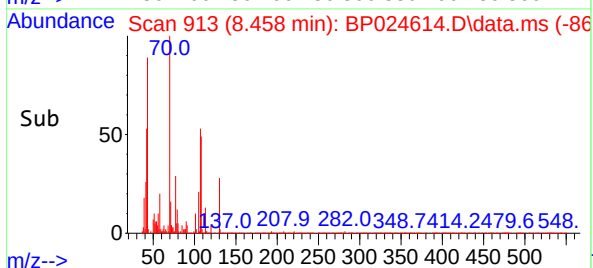
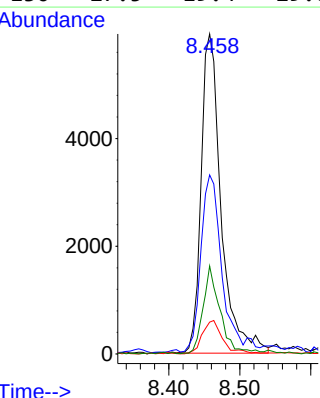
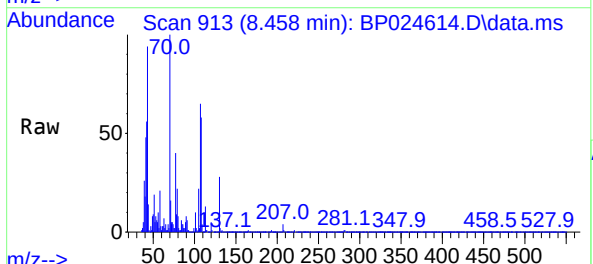
Ion Ratio Lower Upper

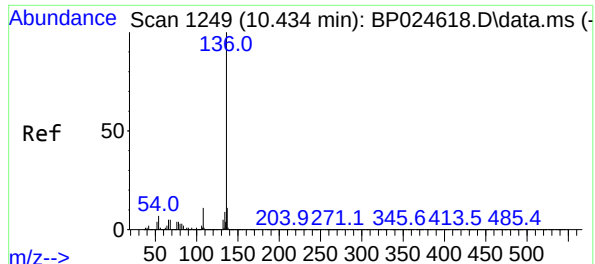
70 100

42 56.0 43.0 64.6

101 10.0 8.7 13.1

130 27.5 19.4 29.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.428 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024614.D

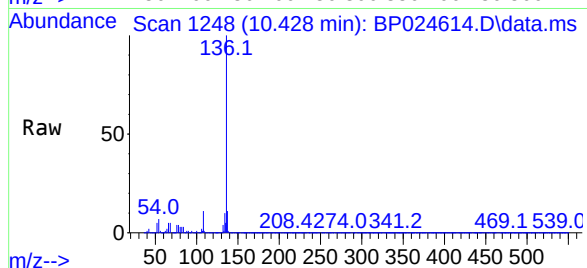
Acq: 13 May 2025 10:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 434352

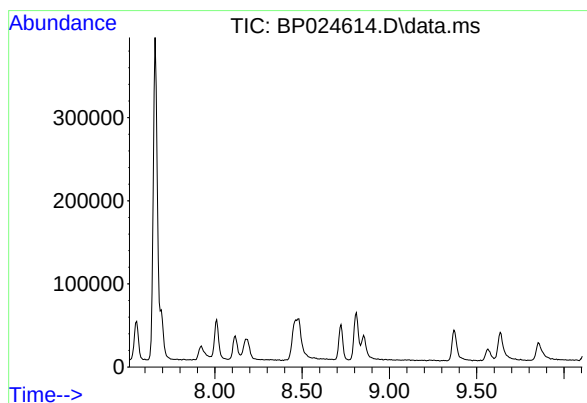
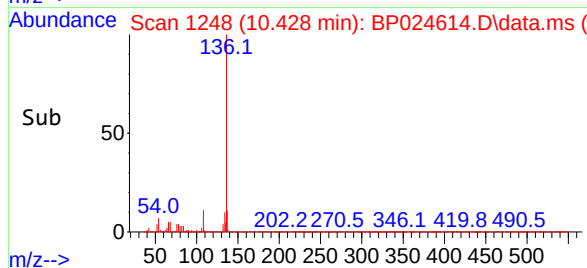
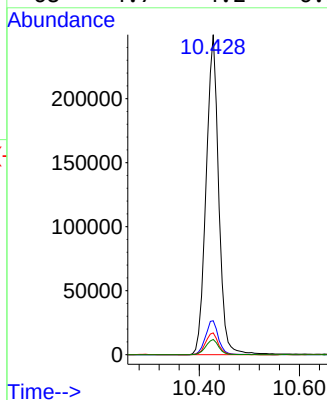
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.8 5.5 8.3

68 4.7 4.2 6.2



#23

Nitrobenzene-d5

Concen: 0.00 ng

Expected RT: 8.81 min

Lab File: BP024614.D

Acq: 13 May 2025 10:41

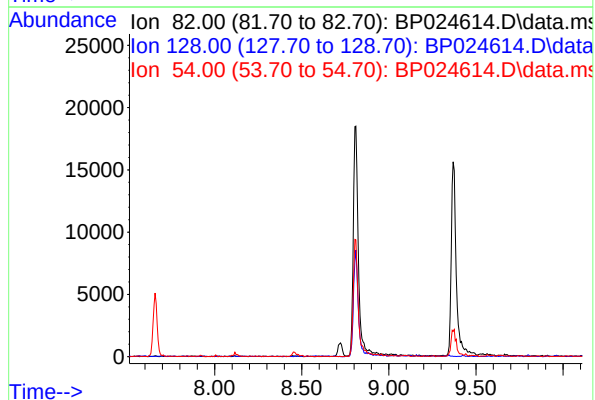
Tgt Ion: 82

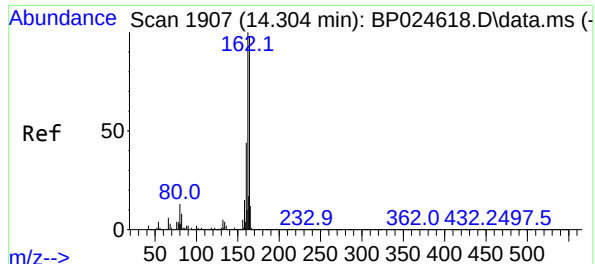
Sig Exp Ratio

82 100

128 46.2

54 48.4





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.287 min Scan# 1904

Delta R.T. -0.018 min

Lab File: BP024614.D

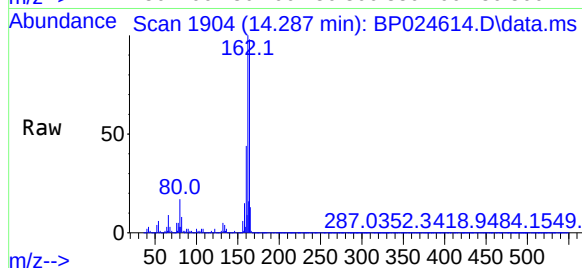
Acq: 13 May 2025 10:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



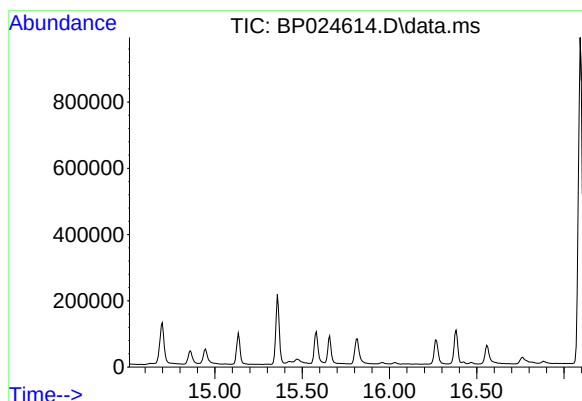
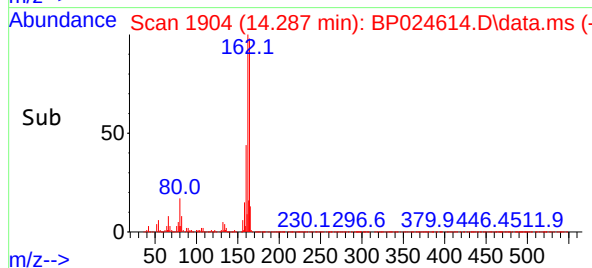
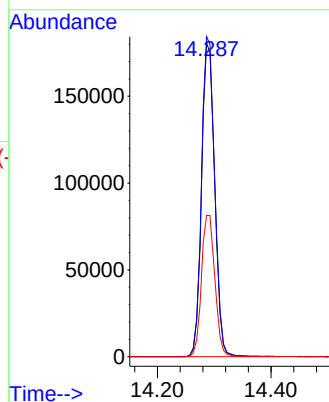
Tgt Ion:164 Resp: 287970

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.6

160 45.1 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 15.81 min

Lab File: BP024614.D

Acq: 13 May 2025 10:41

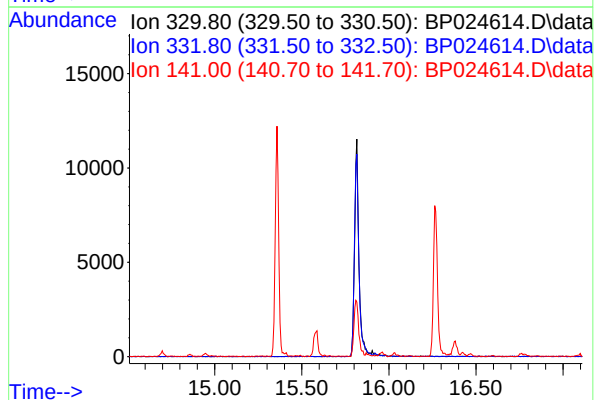
Tgt Ion: 330

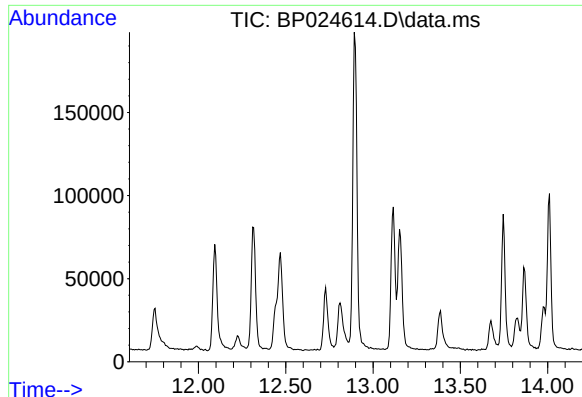
Sig Exp Ratio

330 100

332 97.8

141 30.4

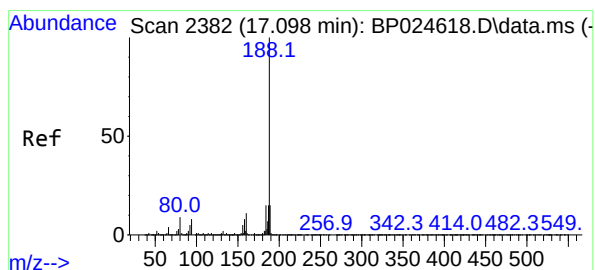
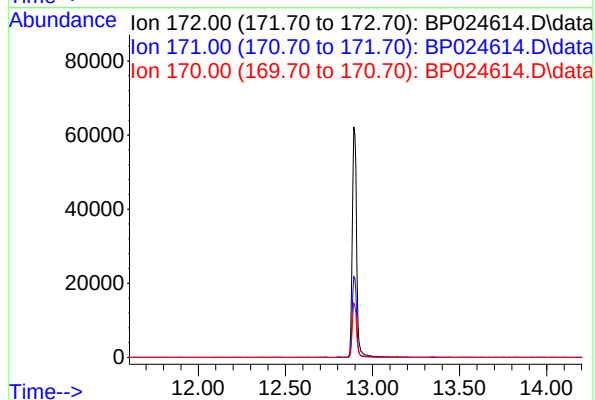




#45
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 12.90 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

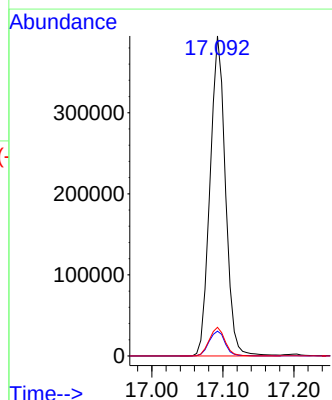
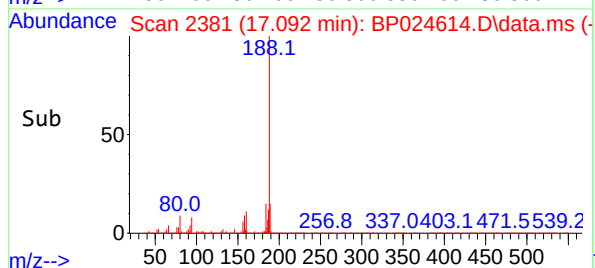
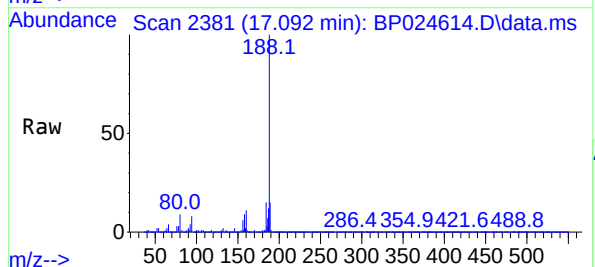
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

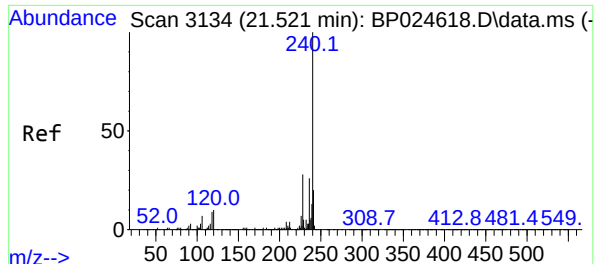
Tgt Ion: 172
Sig Exp Ratio
172 100
171 36.0
170 23.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 188 Resp: 596044
Ion Ratio Lower Upper
188 100
94 7.7 6.5 9.7
80 8.9 7.3 10.9

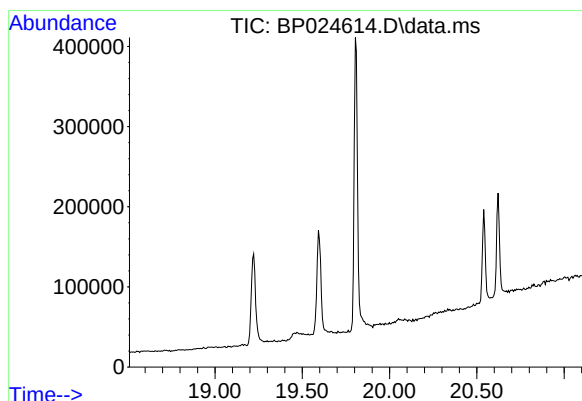
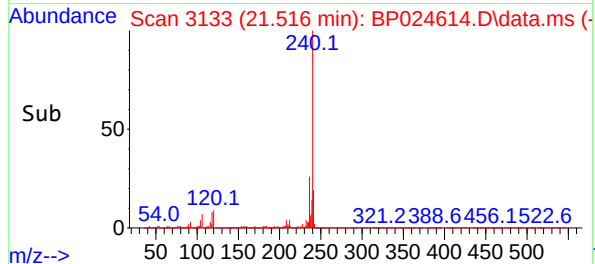
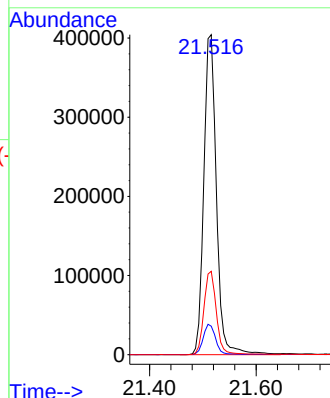
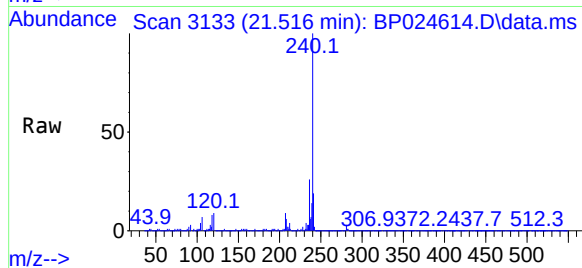




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

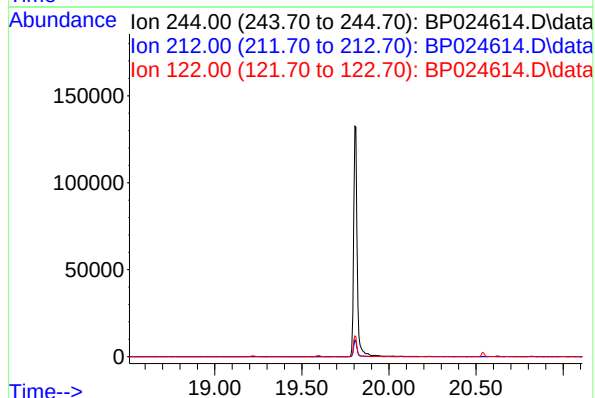
Tgt Ion: 240 Resp: 663028
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 26.1 20.6 31.0

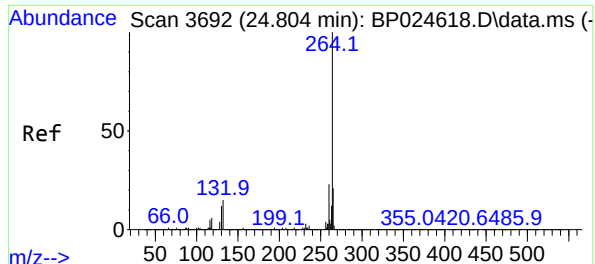


#79
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 19.81 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.9
122 9.2





#86

Perylene-d12

Concen: 20.00 ng

RT: 24.780 min Scan# 30

Delta R.T. -0.023 min

Lab File: BP024614.D

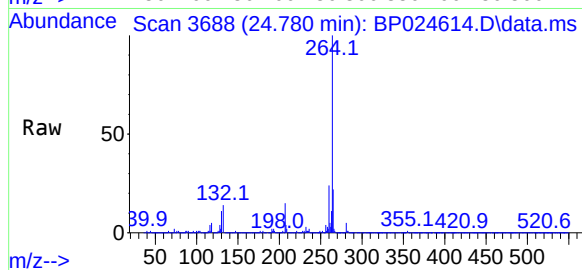
Acq: 13 May 2025 10:41

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



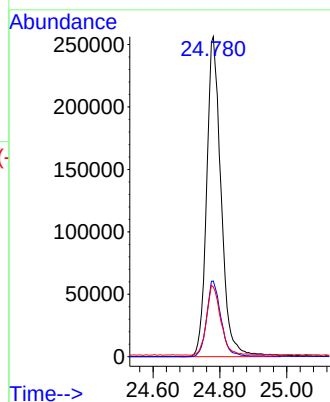
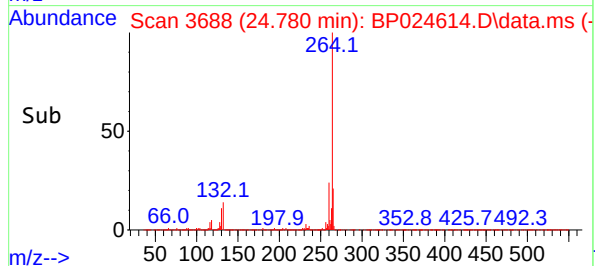
Tgt Ion:264 Resp: 769627

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.8 17.0 25.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024615.D
 Acq On : 13 May 2025 11:22
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:02:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	90088	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	378055	20.00	ng	0.00
39) Acenaphthene-d10	14.293	164	254561	20.00	ng	-0.01
64) Phenanthrene-d10	17.092	188	531548	20.00	ng	0.00
76) Chrysene-d12	21.522	240	614288	20.00	ng	0.00
86) Perylene-d12	24.810	264	724260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	51093	9.70	ng	0.00
7) Phenol-d6	6.858	99	58619	8.72	ng	0.00
23) Nitrobenzene-d5	8.811	82	72056	9.63	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	41219	9.55	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	203719	10.48	ng	0.00
79) Terphenyl-d14	19.822	244	366245	10.22	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	14435	5.84	ng	95
3) Pyridine	3.646	79	23737	4.33	ng	# 91
4) n-Nitrosodimethylamine	3.546	42	12080	4.99	ng	# 96
6) Aniline	7.011	93	38664	4.45	ng	97
8) 2-Chlorophenol	7.240	128	27022	4.52	ng	93
9) Benzaldehyde	6.828	77	22328m	5.14	ng	
10) Phenol	6.887	94	30912	4.46	ng	98
11) bis(2-Chloroethyl)ether	7.099	93	29668	5.20	ng	97
12) 1,3-Dichlorobenzene	7.552	146	35946	5.23	ng	96
13) 1,4-Dichlorobenzene	7.699	146	35091	5.07	ng	95
14) 1,2-Dichlorobenzene	8.011	146	34458	5.11	ng	99
15) Benzyl Alcohol	7.917	79	19888	3.89	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.193	45	34754	5.09	ng	95
17) 2-Methylphenol	8.116	107	21754	4.37	ng	97
18) Hexachloroethane	8.728	117	13650	5.15	ng	96
19) n-Nitroso-di-n-propyla...	8.464	70	22015	4.73	ng	98
20) 3+4-Methylphenols	8.452	107	27500	4.06	ng	97
22) Acetophenone	8.487	105	45968	4.87	ng	# 99
24) Nitrobenzene	8.852	77	31500	4.78	ng	97
25) Isophorone	9.375	82	60855	4.69	ng	98
26) 2-Nitrophenol	9.569	139	12786	3.96	ng	95
27) 2,4-Dimethylphenol	9.628	122	25830	4.54	ng	92
28) bis(2-Chloroethoxy)met...	9.858	93	38071	4.91	ng	97
29) 2,4-Dichlorophenol	10.122	162	23623	4.29	ng	97
30) 1,2,4-Trichlorobenzene	10.299	180	32699	5.26	ng	99
31) Naphthalene	10.481	128	100564	5.13	ng	100
33) 4-Chloroaniline	10.616	127	32908	4.16	ng	99
34) Hexachlorobutadiene	10.763	225	21834	5.43	ng	95
35) Caprolactam	11.399	113	7742m	3.88	ng	
36) 4-Chloro-3-methylphenol	11.746	107	29849	4.44	ng	95
37) 2-Methylnaphthalene	12.099	142	63562	5.01	ng	99
38) 1-Methylnaphthalene	12.316	142	70043	5.16	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	37738	5.11	ng	99
41) Hexachlorocyclopentadiene	12.446	237	15939	3.56	ng	93
43) 2,4,6-Trichlorophenol	12.722	196	19429	4.06	ng	92
44) 2,4,5-Trichlorophenol	12.816	196	23918	4.49	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024615.D
 Acq On : 13 May 2025 11:22
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:02:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

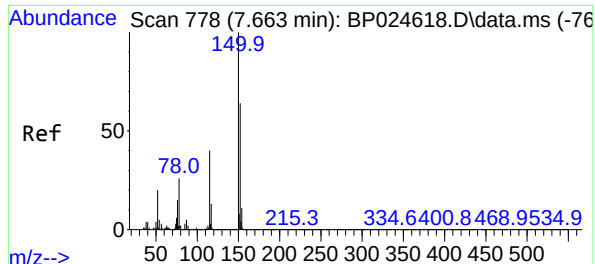
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.116	154	96956	5.15	ng	98
47) 2-Chloronaphthalene	13.157	162	72977	5.09	ng	99
48) 2-Nitroaniline	13.381	65	17778	4.19	ng	98
49) Acenaphthylene	14.010	152	117448	4.89	ng	99
50) Dimethylphthalate	13.751	163	99940	5.15	ng	100
51) 2,6-Dinitrotoluene	13.869	165	19052	4.65	ng	# 85
52) Acenaphthene	14.357	154	70302	5.09	ng	96
53) 3-Nitroaniline	14.222	138	16400	3.92	ng	97
55) Dibenzofuran	14.698	168	115180	5.23	ng	98
57) 2,4-Dinitrotoluene	14.675	165	25481	4.41	ng	92
58) Fluorene	15.363	166	93303	5.20	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.946	232	23382	4.73	ng	98
60) Diethylphthalate	15.134	149	101366	5.17	ng	99
61) 4-Chlorophenyl-phenyle...	15.357	204	47886	5.35	ng	98
62) 4-Nitroaniline	15.410	138	14482m	3.55	ng	
63) Azobenzene	15.651	77	84462	5.03	ng	99
66) n-Nitrosodiphenylamine	15.575	169	80078	4.90	ng	99
67) 4-Bromophenyl-phenylether	16.275	248	30702	4.90	ng	97
68) Hexachlorobenzene	16.387	284	40234	5.06	ng	99
69) Atrazine	16.551	200	27909	4.66	ng	98
70) Pentachlorophenol	16.757	266	16456	3.68	ng	95
71) Phenanthrene	17.134	178	152030	5.14	ng	99
72) Anthracene	17.234	178	145809	4.90	ng	99
73) Carbazole	17.522	167	122666	4.56	ng	98
74) Di-n-butylphthalate	18.104	149	157014	4.54	ng	99
75) Fluoranthene	19.228	202	168865	4.89	ng	99
78) Pyrene	19.604	202	181817	4.94	ng	99
80) Butylbenzylphthalate	20.551	149	70341	4.30	ng	100
81) Benzo(a)anthracene	21.498	228	192110	4.98	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	54793	3.82	ng	99
83) Chrysene	21.575	228	186449	5.10	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	103286	4.29	ng	97
85) Di-n-octyl phthalate	22.692	149	160883	4.09	ng	99
87) Indeno(1,2,3-cd)pyrene	28.504	276	242814	4.59	ng	# 87
88) Benzo(b)fluoranthene	23.763	252	186058	4.49	ng	97
89) Benzo(k)fluoranthene	23.839	252	207645	4.86	ng	100
90) Benzo(a)pyrene	24.657	252	180157	4.52	ng	99
91) Dibenzo(a,h)anthracene	28.586	278	193373	4.50	ng	98
92) Benzo(g,h,i)perylene	29.651	276	199361	4.66	ng	98

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

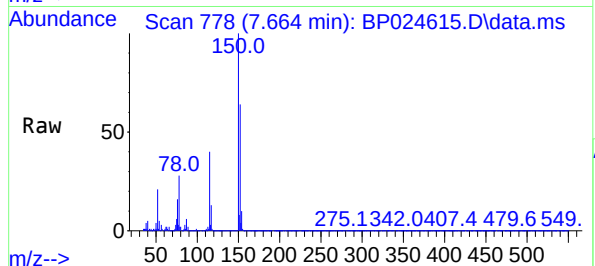
Manual Integrations APPROVED

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.664 min Scan# 71
Delta R.T. 0.001 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

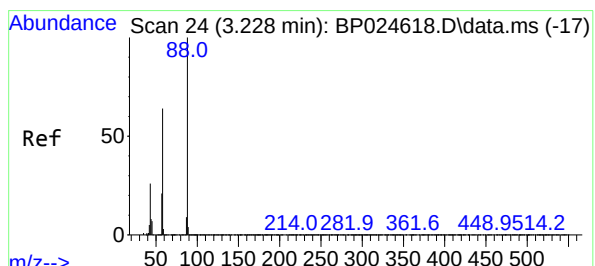
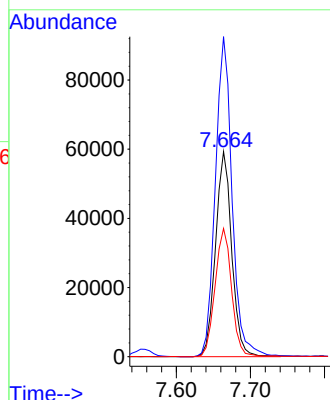
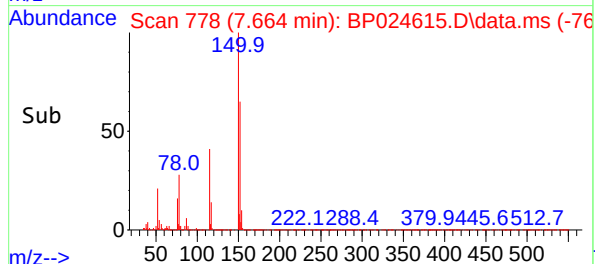
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 152 Resp: 90088
Ion Ratio Lower Upper
152 100
150 156.0 125.9 188.9
115 62.5 50.1 75.1

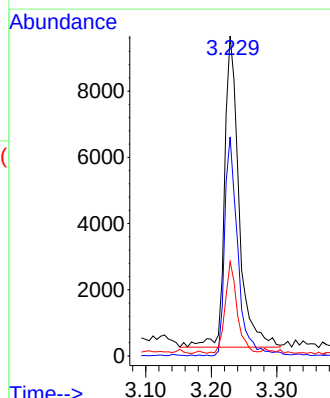
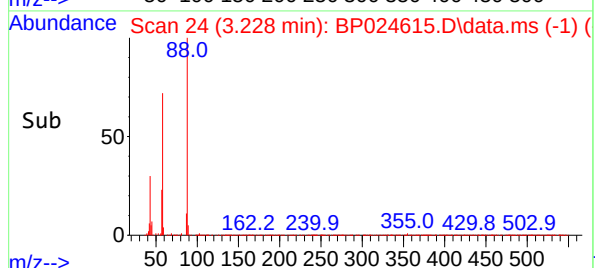
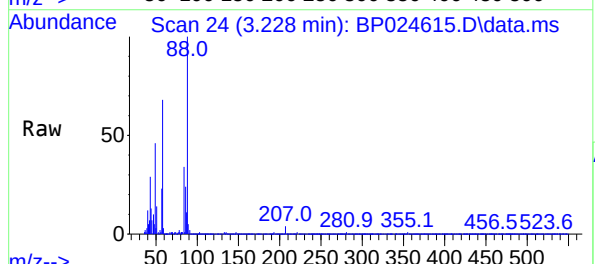
Manual Integrations
APPROVED

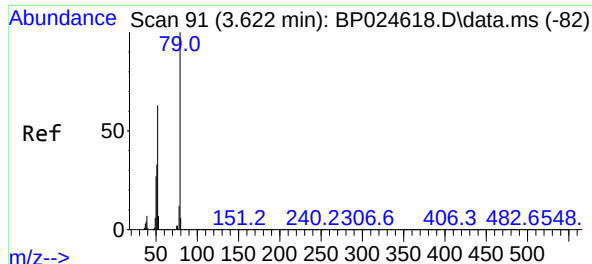
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#2
1,4-Dioxane
Concen: 5.84 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 88 Resp: 14435
Ion Ratio Lower Upper
88 100
58 63.6 54.0 81.0
43 24.2 21.4 32.0





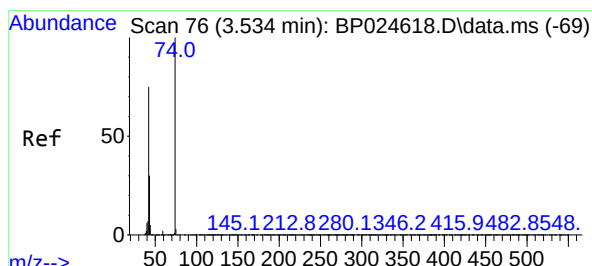
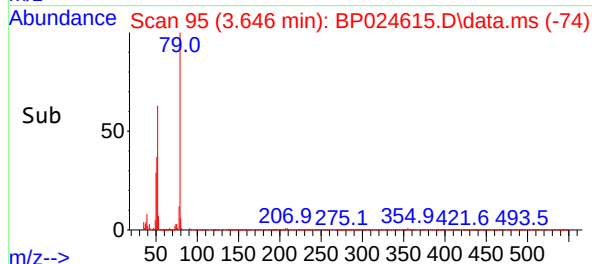
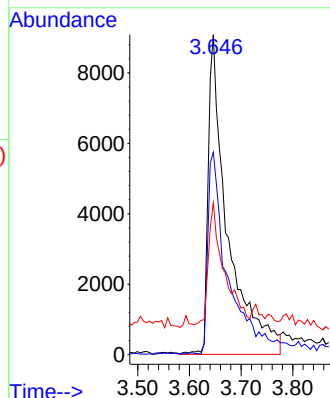
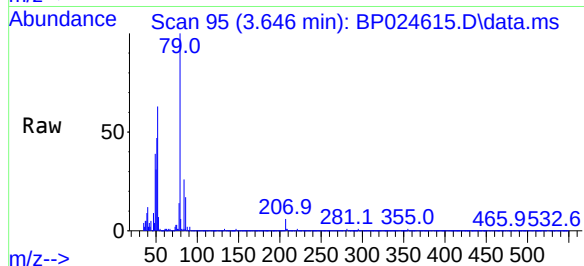
#3
Pyridine
Concen: 4.33 ng
RT: 3.646 min Scan# 91
Delta R.T. 0.024 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 2373
Ion Ratio Lower Upper
79 100
52 63.2 50.2 75.2
51 47.4 26.8 40.2

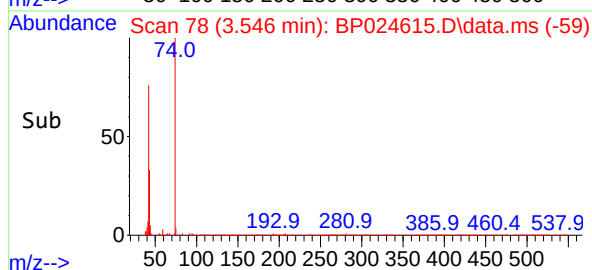
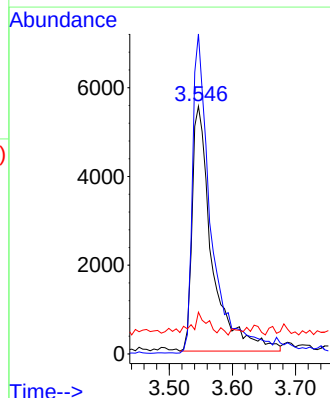
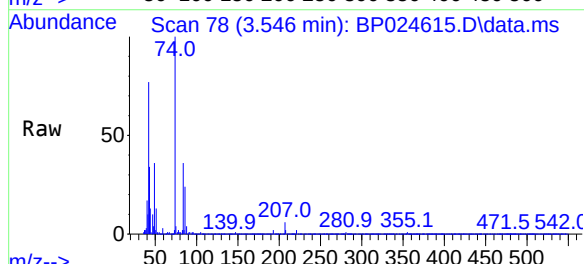
Manual Integrations
APPROVED

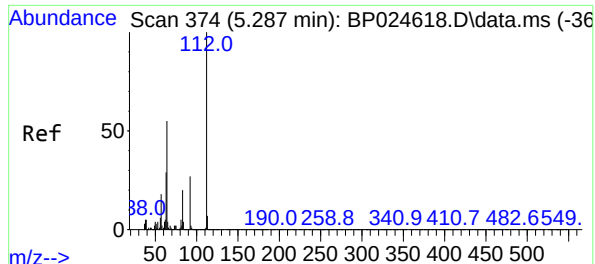
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#4
n-Nitrosodimethylamine
Concen: 4.99 ng
RT: 3.546 min Scan# 78
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

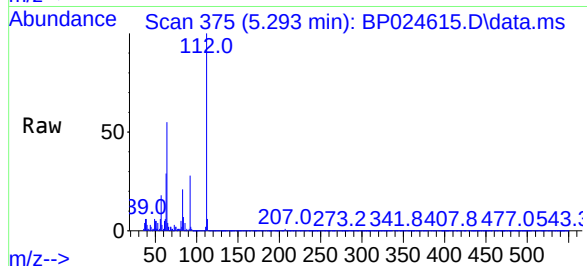
Tgt Ion: 42 Resp: 12080
Ion Ratio Lower Upper
42 100
74 129.2 106.2 159.2
44 16.9 5.4 8.2





#5
2-Fluorophenol
Concen: 9.70 ng
RT: 5.293 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

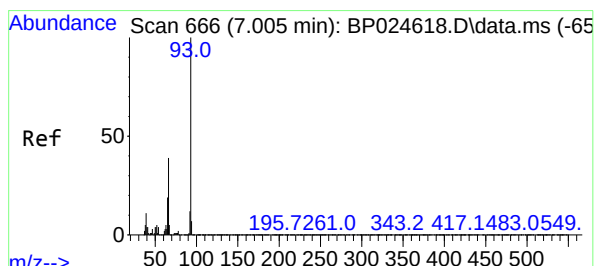
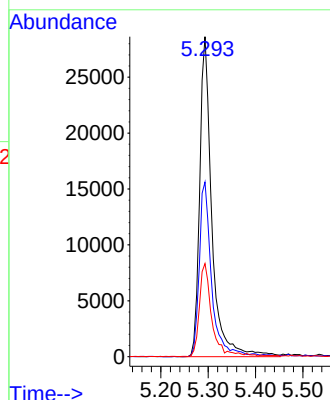
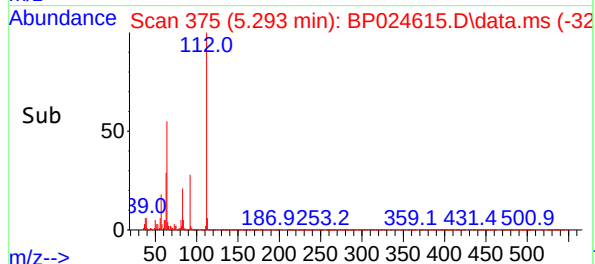
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:112 Resp: 5109
Ion Ratio Lower Upper
112 100
64 54.6 44.1 66.1
63 29.1 23.5 35.3

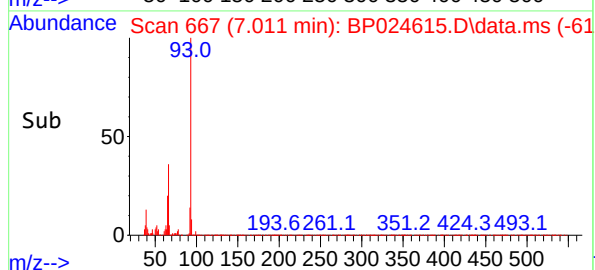
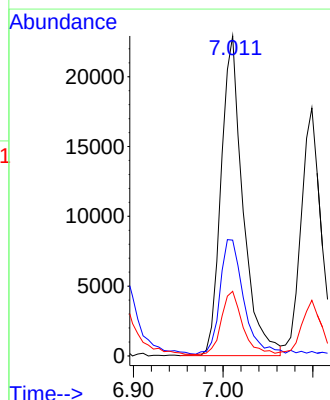
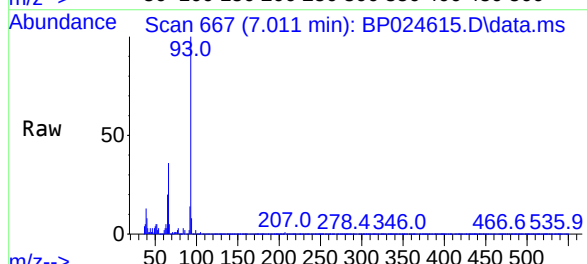
Manual Integrations
APPROVED

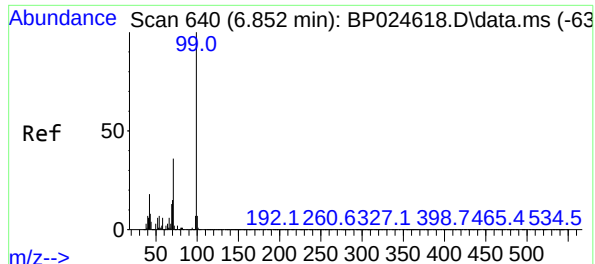
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#6
Aniline
Concen: 4.45 ng
RT: 7.011 min Scan# 667
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 93 Resp: 38664
Ion Ratio Lower Upper
93 100
66 36.2 31.0 46.6
65 20.2 15.5 23.3





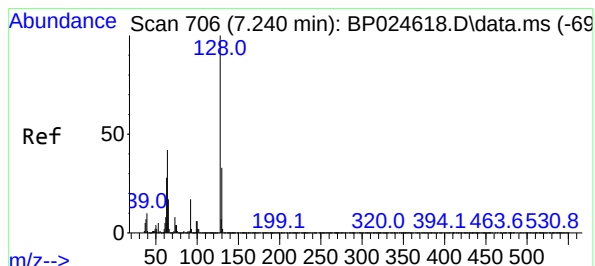
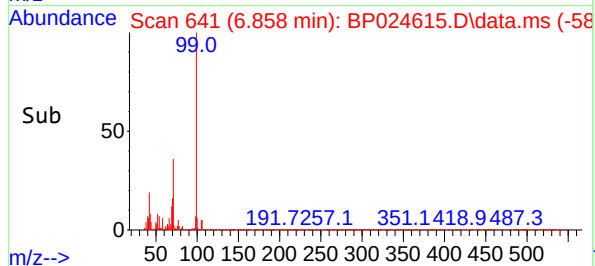
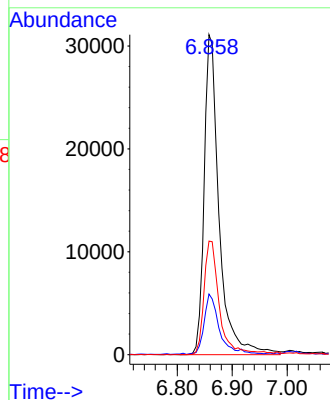
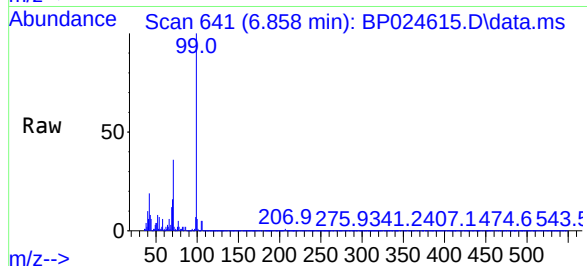
#7
Phenol-d6
Concen: 8.72 ng
RT: 6.858 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.4	21.6
71	35.5	29.2	43.8

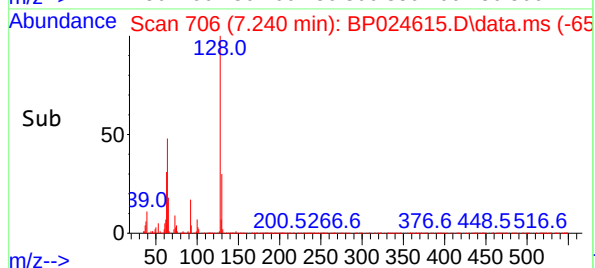
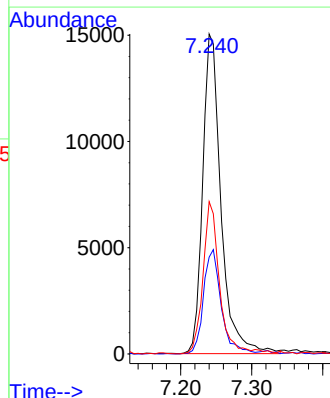
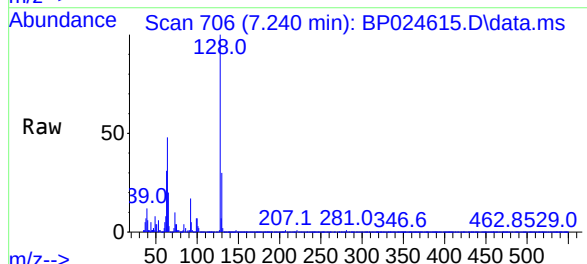
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

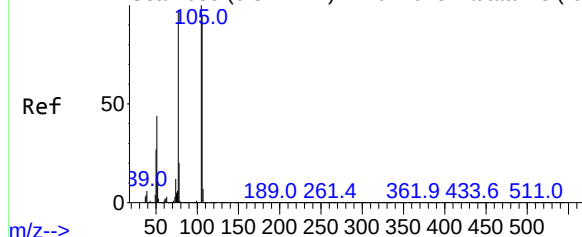


#8
2-Chlorophenol
Concen: 4.52 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion	Ratio	Lower	Upper
128	100		
130	30.3	13.0	53.0
64	47.6	22.3	62.3



Abundance Scan 635 (6.822 min): BP024618.D\data.ms (-62



#9

Benzaldehyde

Concen: 5.14 ng m

RT: 6.828 min Scan# 61

Delta R.T. 0.006 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 77 Resp: 22328

Ion Ratio Lower Upper

77 100

105 105.0 83.3 123.3

106 86.1 78.0 118.0

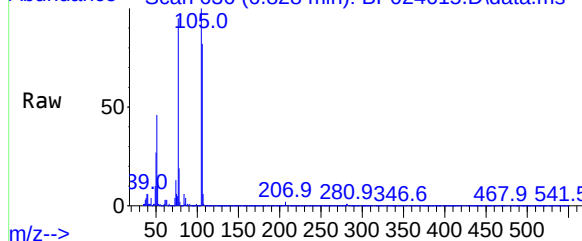
Manual Integrations

APPROVED

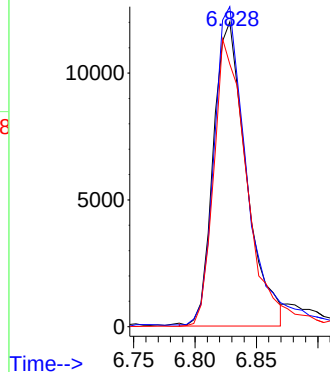
Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025

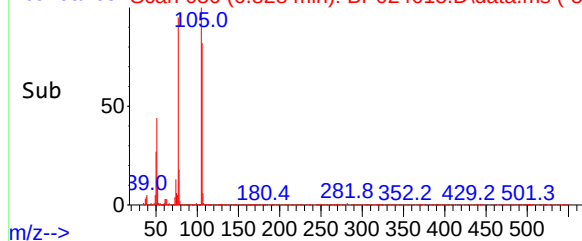
Abundance Scan 636 (6.828 min): BP024615.D\data.ms



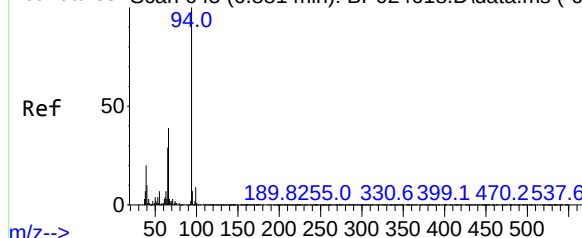
Abundance



Abundance Scan 636 (6.828 min): BP024615.D\data.ms (-58



Abundance Scan 645 (6.881 min): BP024618.D\data.ms (-63



#10

Phenol

Concen: 4.46 ng

RT: 6.887 min Scan# 646

Delta R.T. 0.006 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Tgt Ion: 94 Resp: 30912

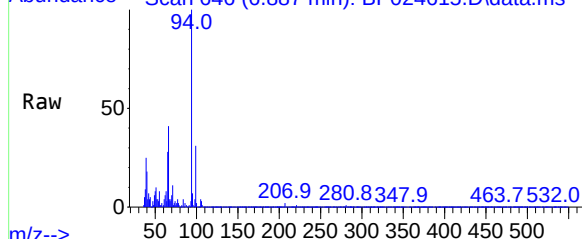
Ion Ratio Lower Upper

94 100

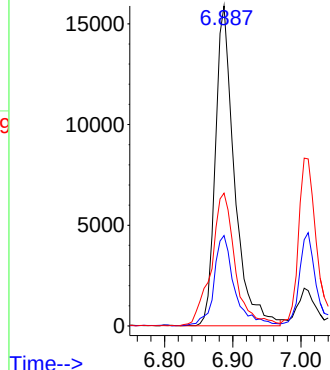
65 28.2 8.7 48.7

66 41.5 19.4 59.4

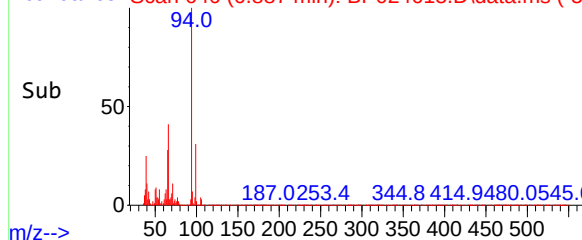
Abundance Scan 646 (6.887 min): BP024615.D\data.ms

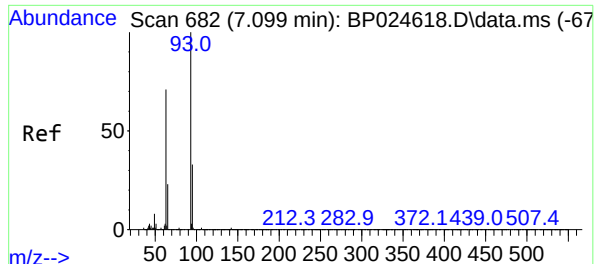


Abundance



Abundance Scan 646 (6.887 min): BP024615.D\data.ms (-59





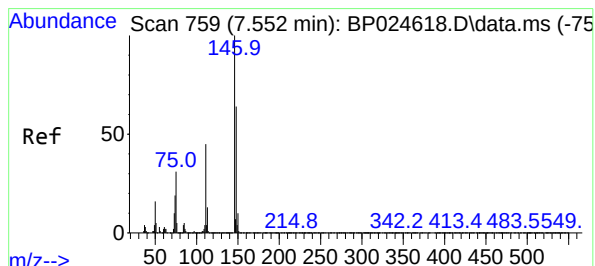
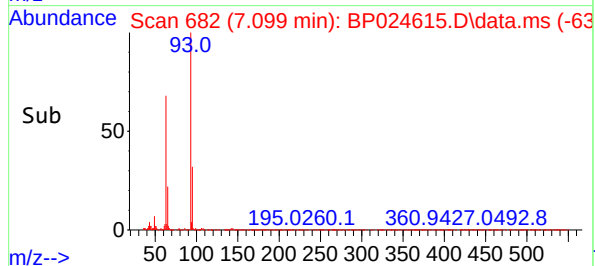
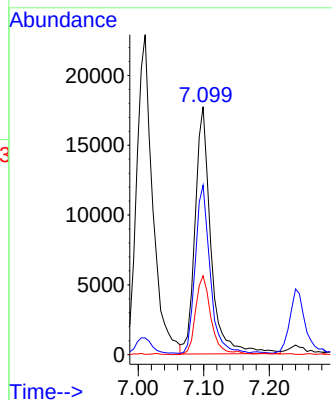
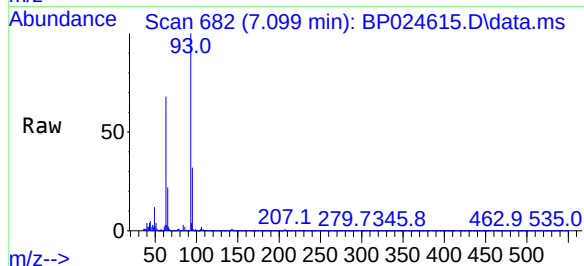
#11
bis(2-Chloroethyl)ether
Concen: 5.20 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 29668
Ion Ratio Lower Upper
93 100
63 68.3 50.6 90.6
95 31.8 12.9 52.9

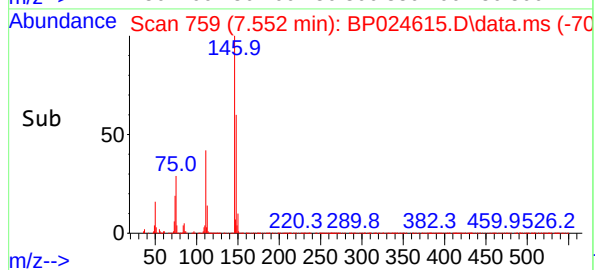
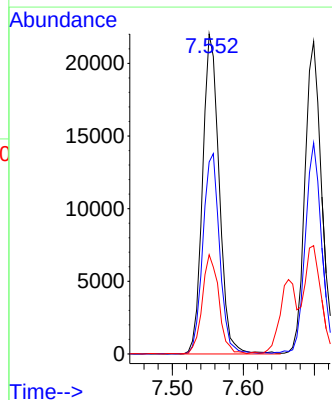
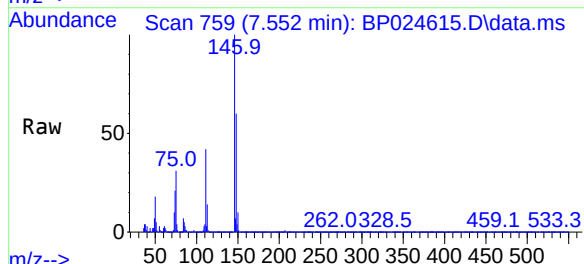
Manual Integrations
APPROVED

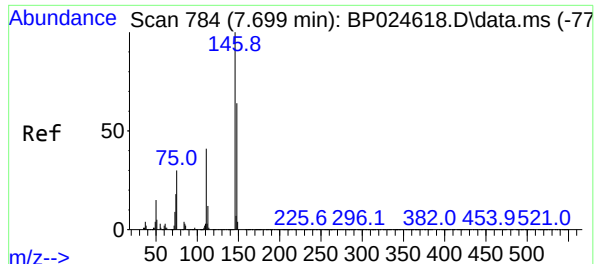
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#12
1,3-Dichlorobenzene
Concen: 5.23 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:146 Resp: 35946
Ion Ratio Lower Upper
146 100
148 60.0 51.4 77.2
75 31.0 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 5.07 ng

RT: 7.699 min Scan# 784

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:146 Resp: 3509

Ion Ratio Lower Upper

146 100

148 67.6 51.0 76.6

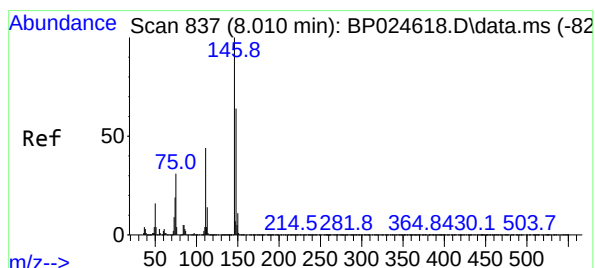
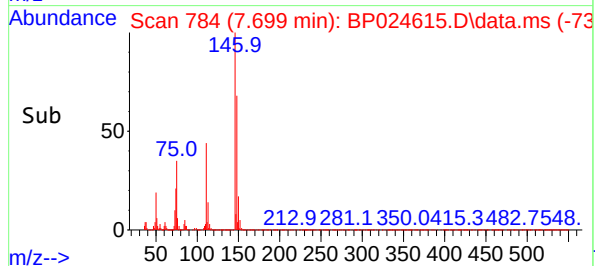
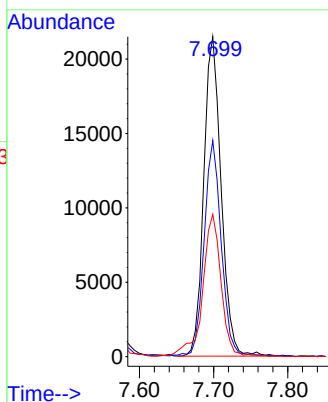
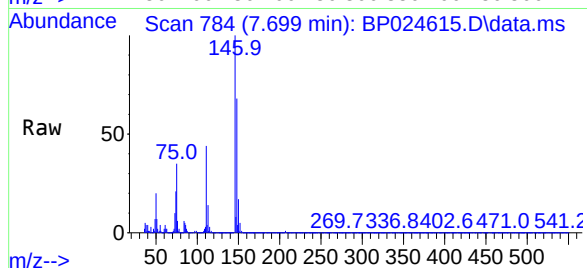
111 44.5 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#14

1,2-Dichlorobenzene

Concen: 5.11 ng

RT: 8.011 min Scan# 837

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

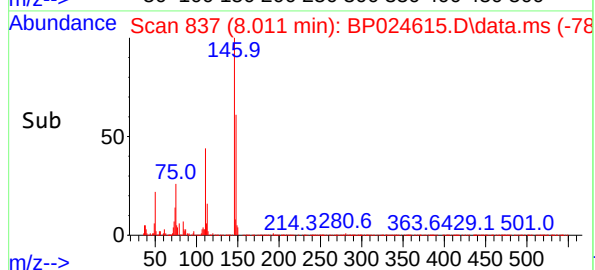
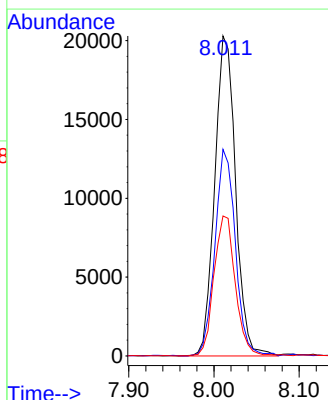
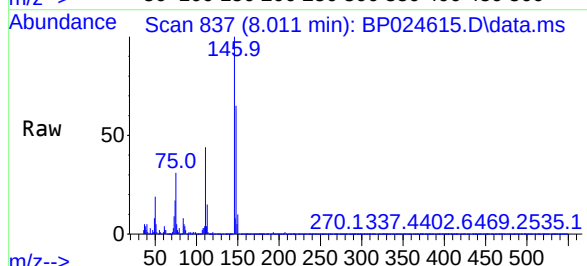
Tgt Ion:146 Resp: 34458

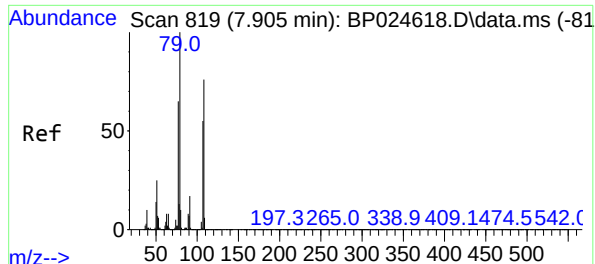
Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.4

111 43.7 35.2 52.8





#15

Benzyl Alcohol

Concen: 3.89 ng

RT: 7.917 min Scan# 81

Delta R.T. 0.012 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 79 Resp: 1988

Ion Ratio Lower Upper

79 100

108 78.3 60.8 91.2

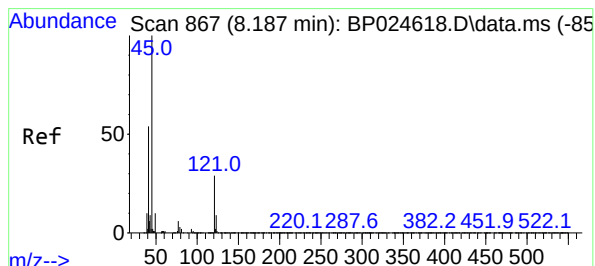
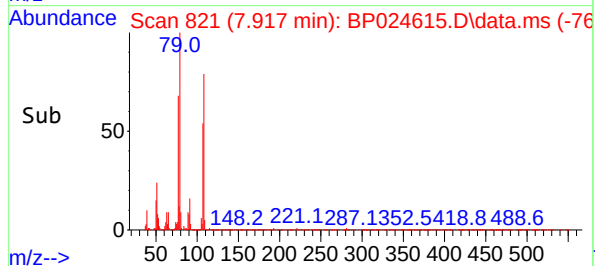
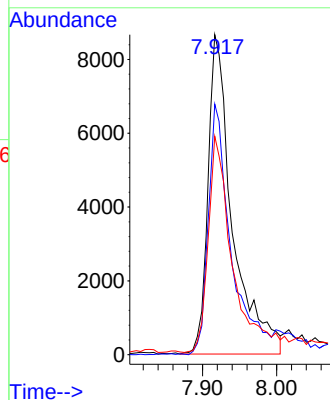
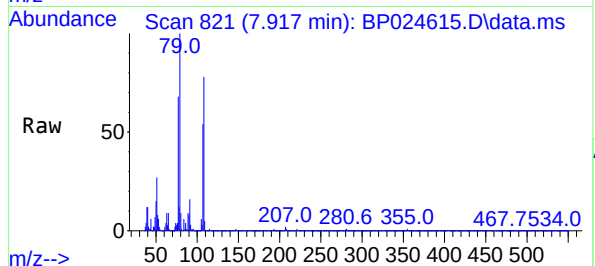
77 68.2 51.9 77.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.09 ng

RT: 8.193 min Scan# 868

Delta R.T. 0.006 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

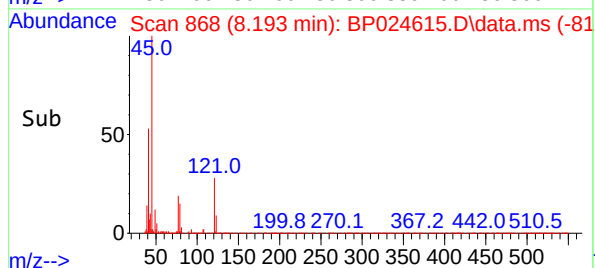
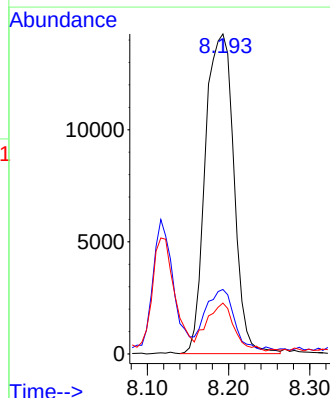
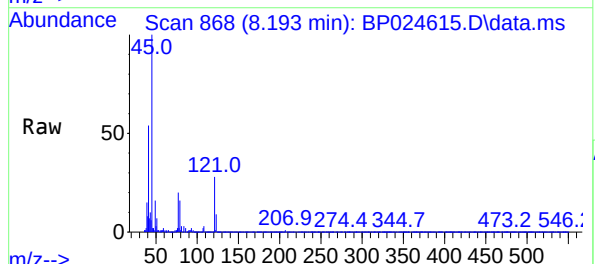
Tgt Ion: 45 Resp: 34754

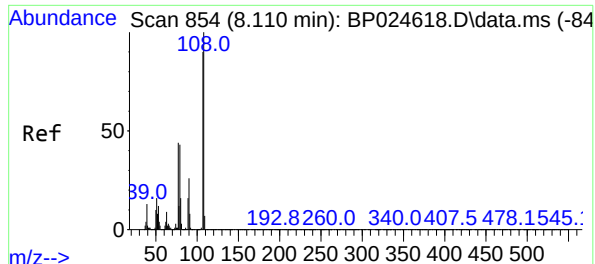
Ion Ratio Lower Upper

45 100

77 20.2 0.0 37.7

79 15.9 0.0 34.0





#17

2-Methylphenol

Concen: 4.37 ng

RT: 8.116 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:107 Resp: 21754

Ion Ratio Lower Upper

107 100

108 110.2 88.9 133.3

77 53.0 39.0 58.6

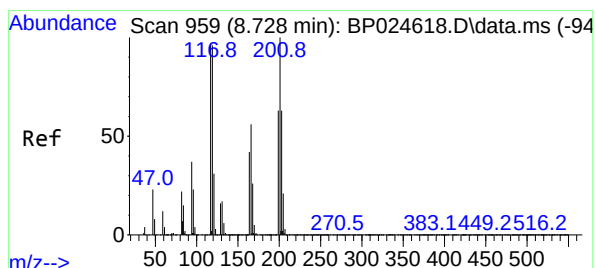
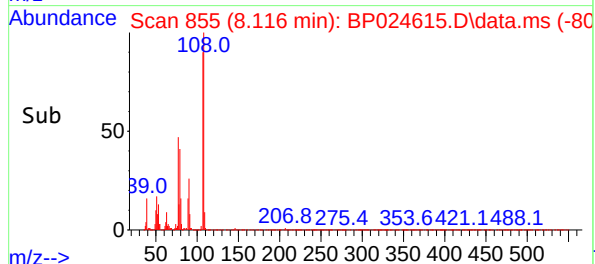
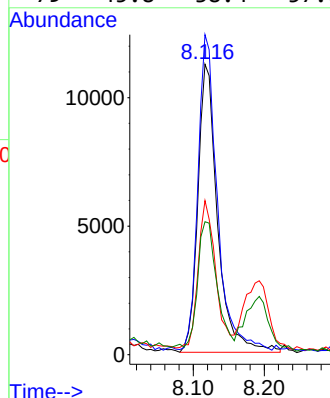
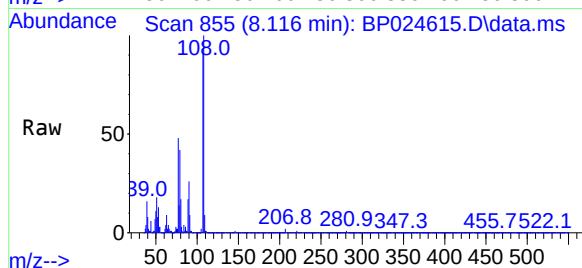
79 45.8 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#18

Hexachloroethane

Concen: 5.15 ng

RT: 8.728 min Scan# 959

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

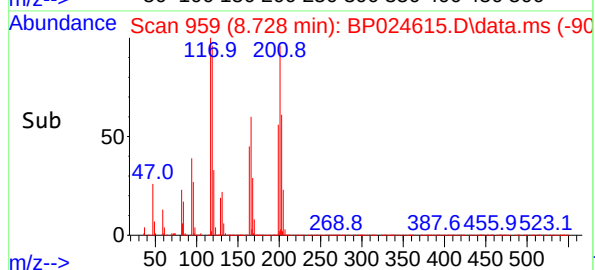
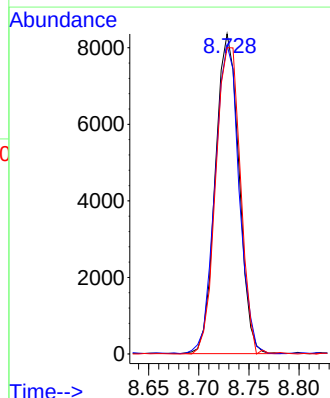
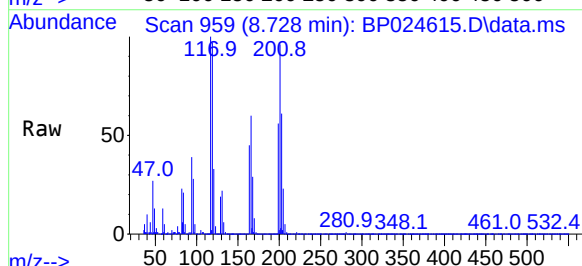
Tgt Ion:117 Resp: 13650

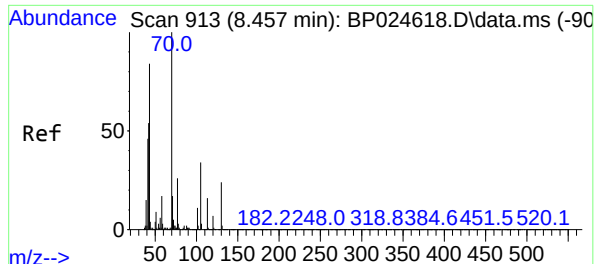
Ion Ratio Lower Upper

117 100

119 96.6 79.4 119.0

201 98.3 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 4.73 ng

RT: 8.464 min Scan# 914

Delta R.T. 0.006 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 2201

Ion Ratio Lower Upper

70 100

42 52.6 43.0 64.6

101 11.9 8.7 13.1

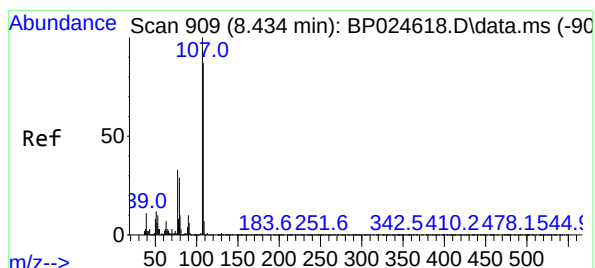
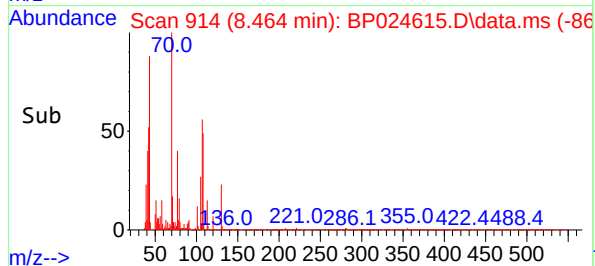
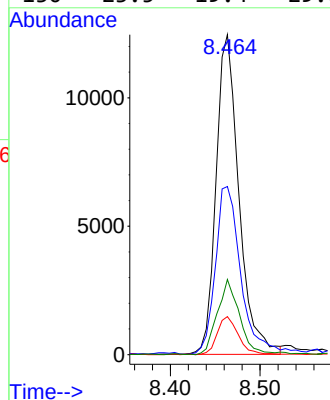
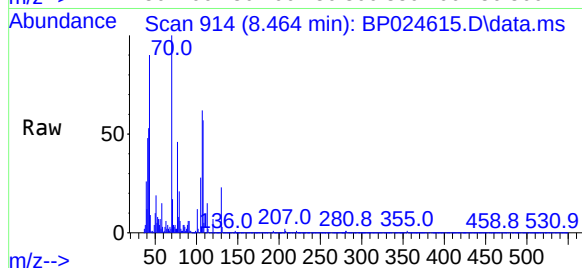
130 23.5 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#20

3+4-Methylphenols

Concen: 4.06 ng

RT: 8.452 min Scan# 912

Delta R.T. 0.018 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Tgt Ion:107 Resp: 27500

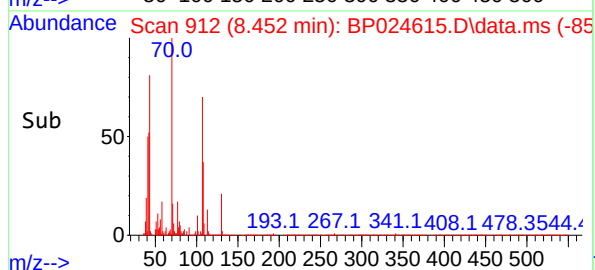
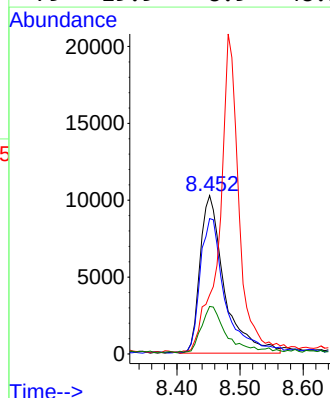
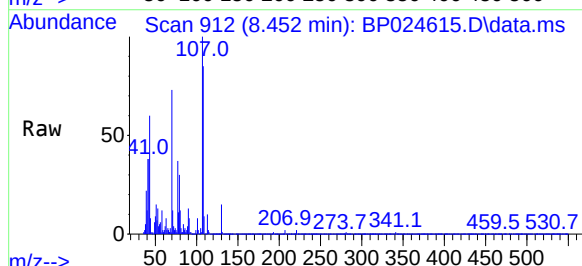
Ion Ratio Lower Upper

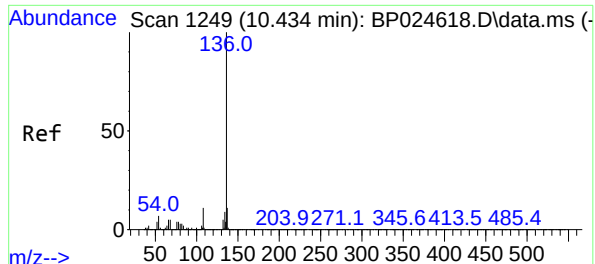
107 100

108 85.4 66.7 106.7

77 37.3 13.1 53.1

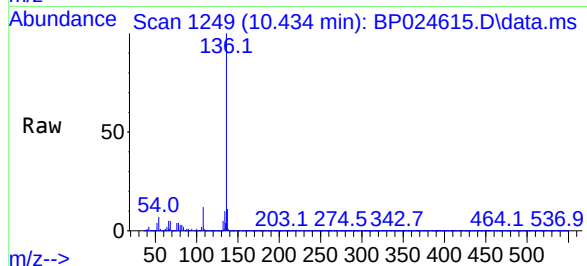
79 29.9 8.9 48.9





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

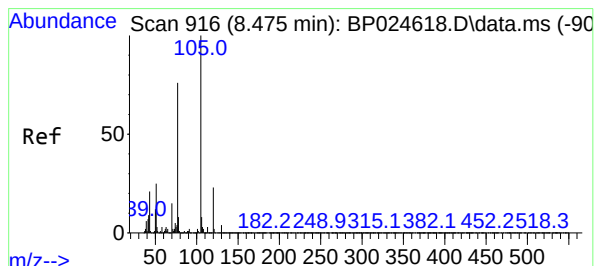
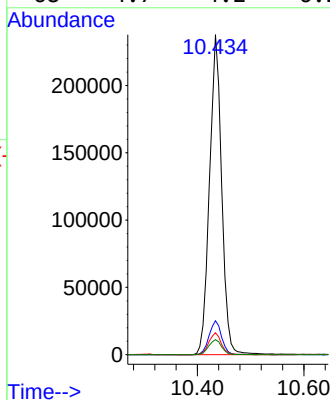
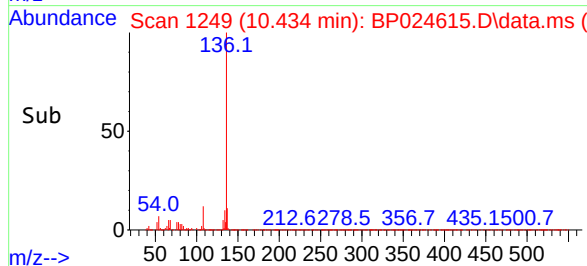
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



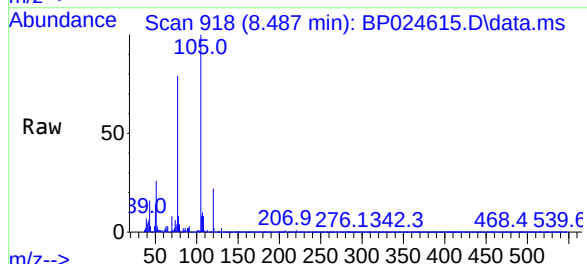
Tgt Ion:136 Resp: 37805
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.8 5.5 8.3
68 4.7 4.2 6.2

Manual Integrations
APPROVED

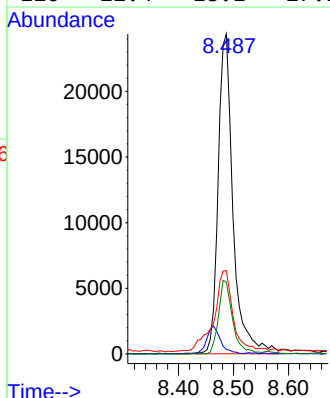
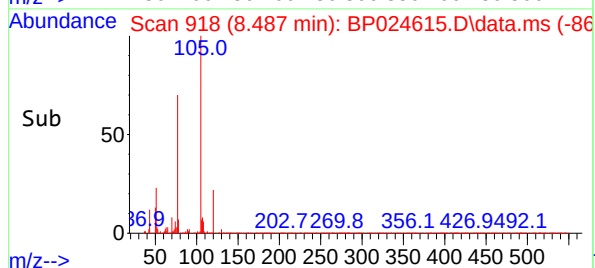
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

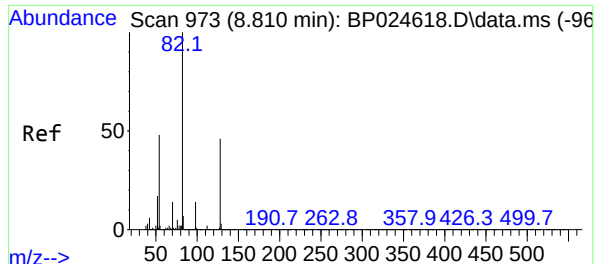


#22
Acetophenone
Concen: 4.87 ng
RT: 8.487 min Scan# 918
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



Tgt Ion:105 Resp: 45968
Ion Ratio Lower Upper
105 100
71 1.4 2.0 3.0#
51 26.0 20.4 30.6
120 22.4 18.1 27.1





#23

Nitrobenzene-d5

Concen: 9.63 ng

RT: 8.811 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 72050

Ion Ratio Lower Upper

82 100

128 43.6 37.0 55.4

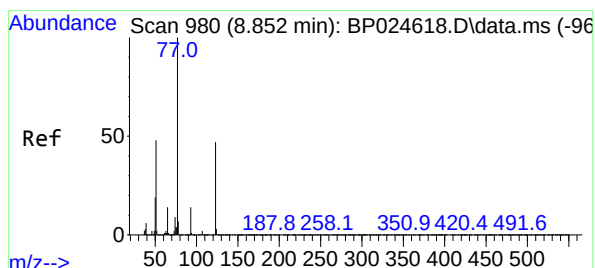
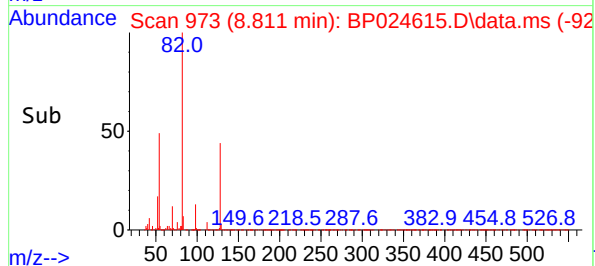
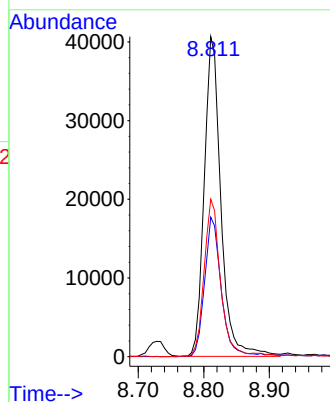
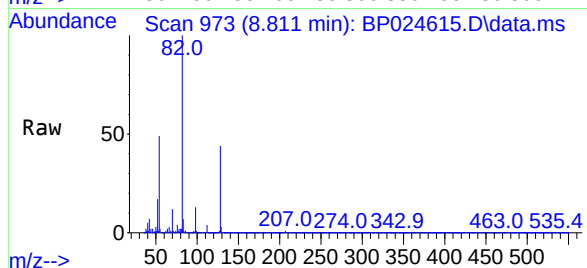
54 49.2 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#24

Nitrobenzene

Concen: 4.78 ng

RT: 8.852 min Scan# 980

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

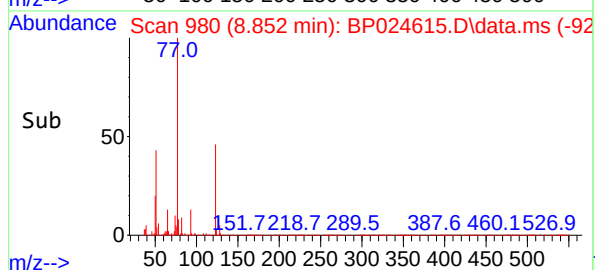
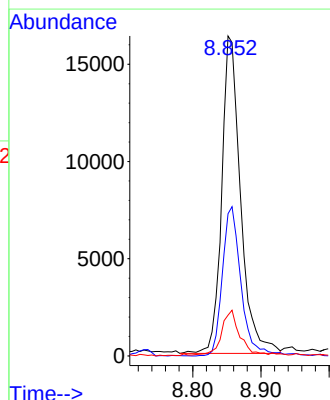
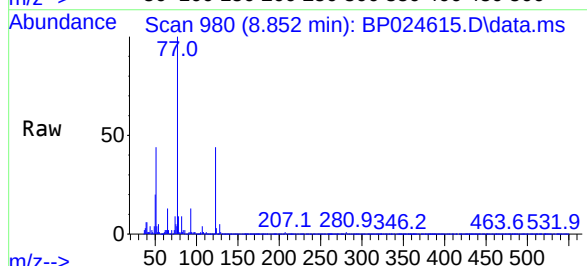
Tgt Ion: 77 Resp: 31500

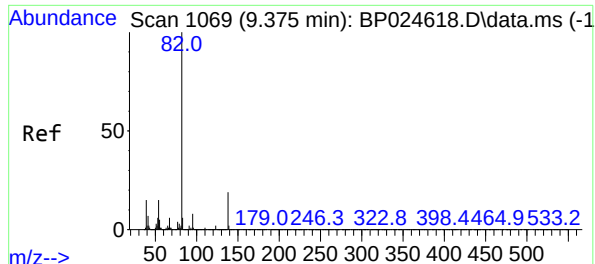
Ion Ratio Lower Upper

77 100

123 44.5 37.4 56.0

65 12.7 11.3 16.9





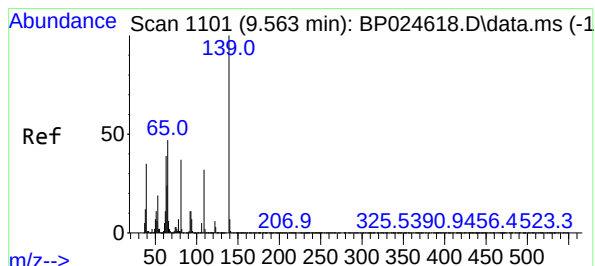
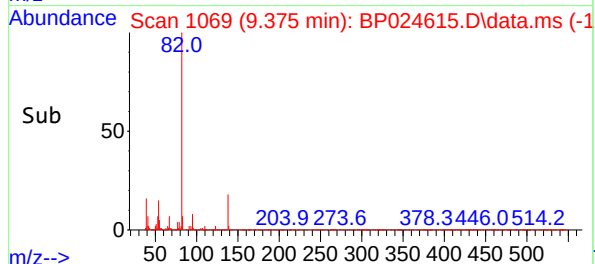
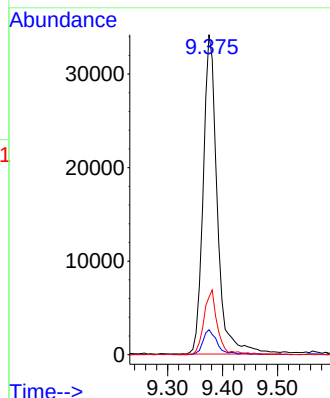
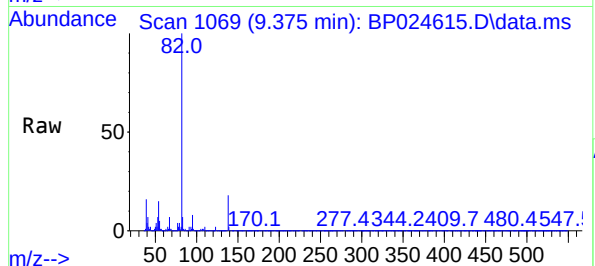
#25
Isophorone
Concen: 4.69 ng
RT: 9.375 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 6085
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 17.9 15.3 22.9

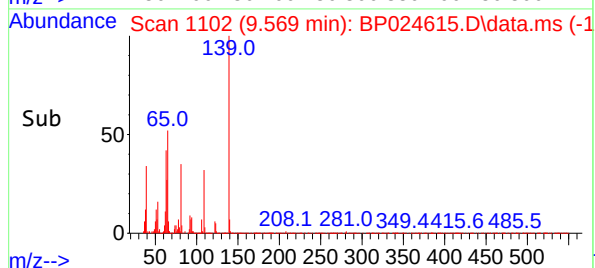
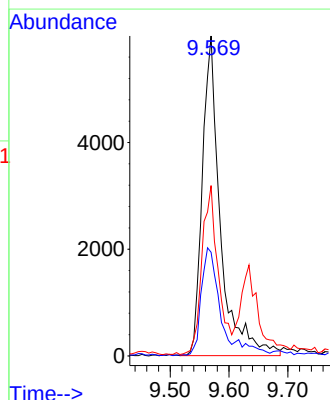
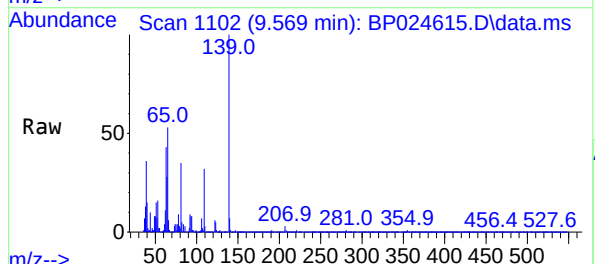
Manual Integrations
APPROVED

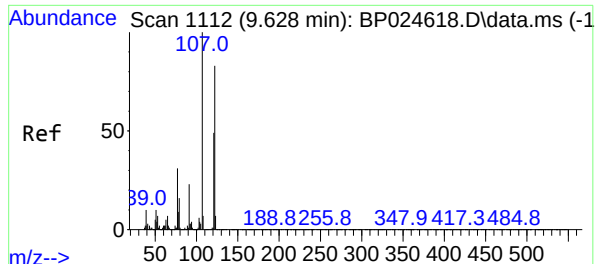
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#26
2-Nitrophenol
Concen: 3.96 ng
RT: 9.569 min Scan# 1102
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:139 Resp: 12786
Ion Ratio Lower Upper
139 100
109 32.4 25.9 38.9
65 53.2 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 4.54 ng

RT: 9.628 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

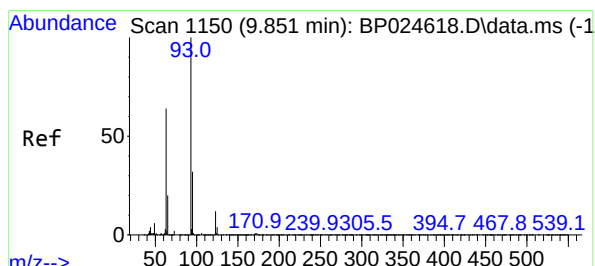
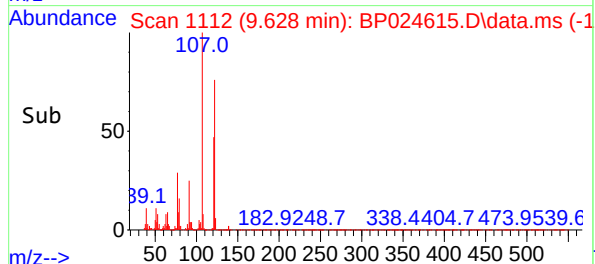
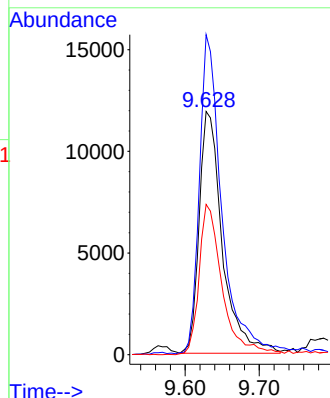
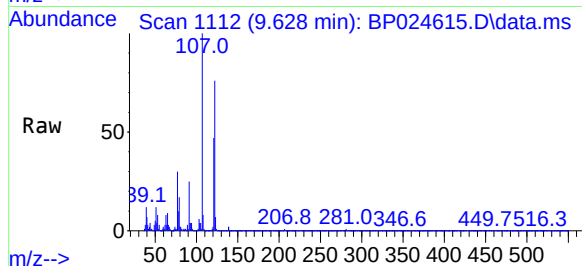
Tgt Ion:	122	Resp:	25830
Ion	Ratio	Lower	Upper
122	100		
107	131.6	96.2	144.2
121	61.8	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 4.91 ng

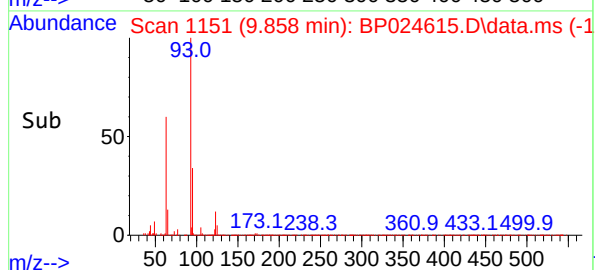
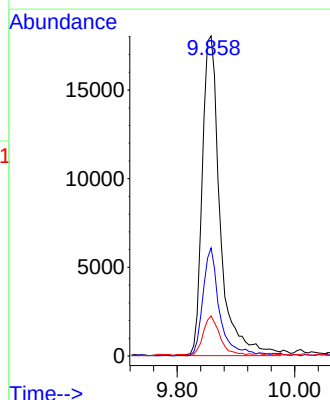
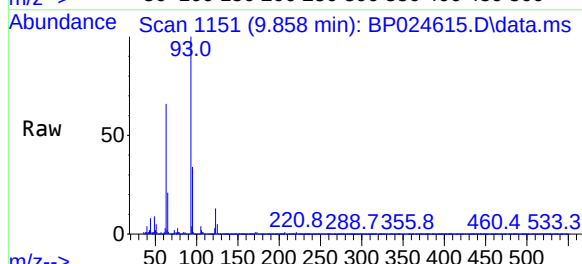
RT: 9.858 min Scan# 1151

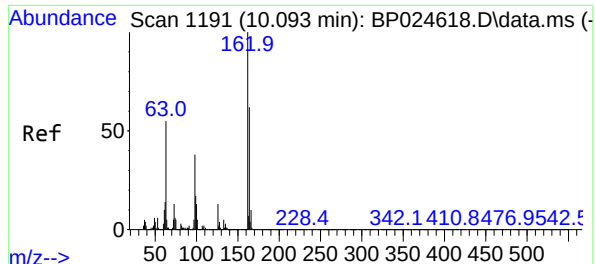
Delta R.T. 0.006 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Tgt Ion:	93	Resp:	38071
Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.5	38.3
123	12.5	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 4.29 ng

RT: 10.122 min Scan# 1196

Delta R.T. 0.030 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

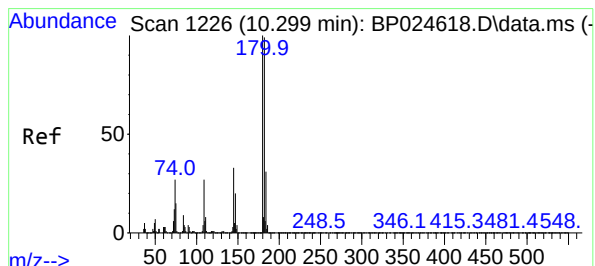
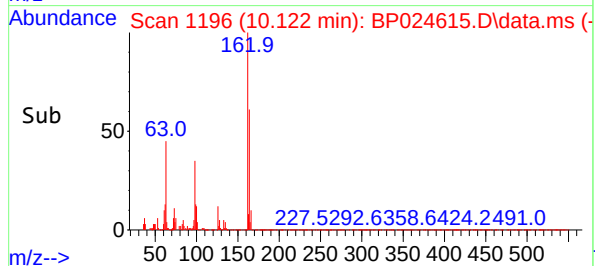
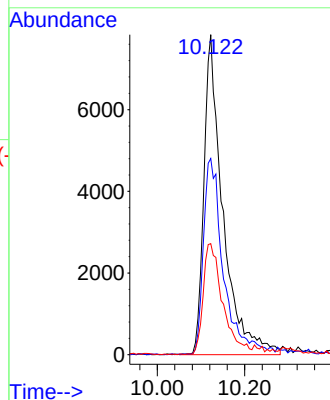
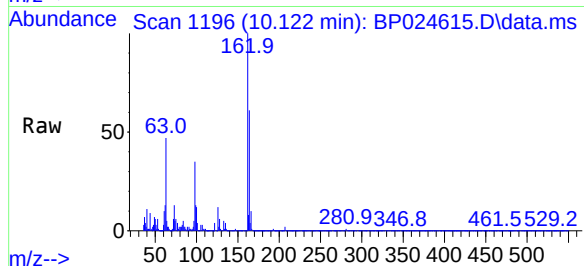
Tgt Ion:	162	Resp:	2362
Ion Ratio	Lower	Upper	
162	100		
164	61.3	42.3	82.3
98	34.7	18.4	58.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.26 ng

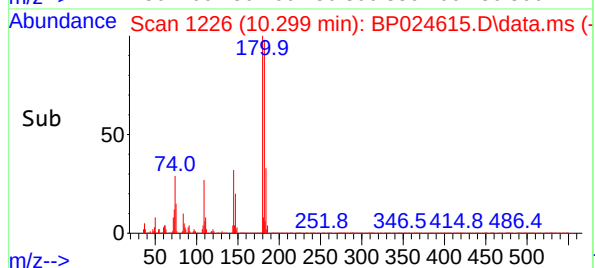
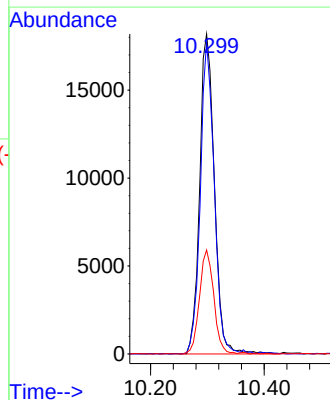
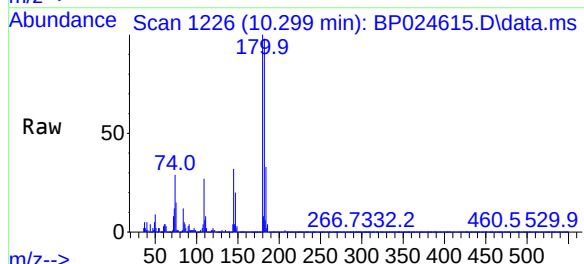
RT: 10.299 min Scan# 1226

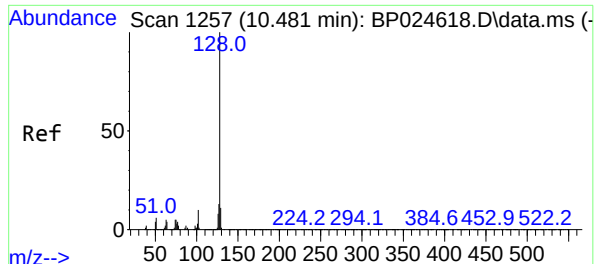
Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

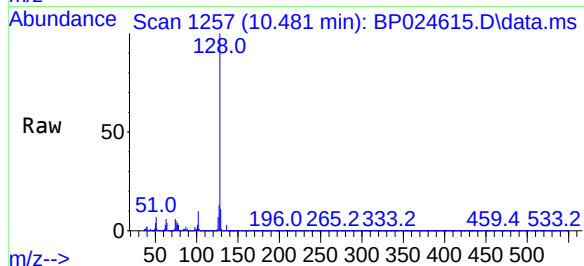
Tgt Ion:	180	Resp:	32699
Ion Ratio	Lower	Upper	
180	100		
182	97.6	79.0	118.4
145	32.5	26.6	39.8





#31
Naphthalene
Concen: 5.13 ng
RT: 10.481 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

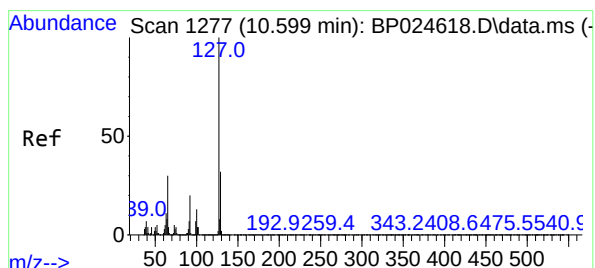
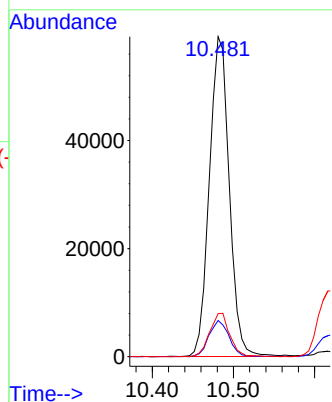
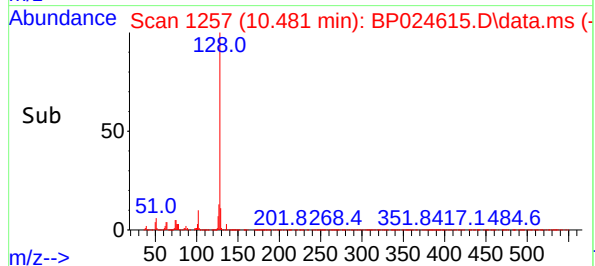
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



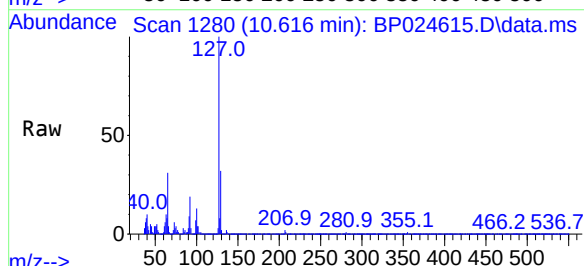
Tgt Ion:128 Resp: 100564
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.7 16.1

Manual Integrations
APPROVED

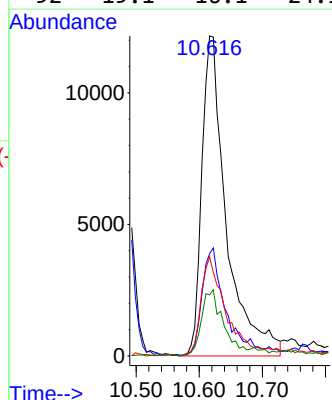
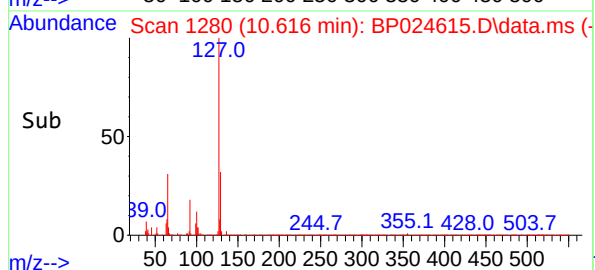
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

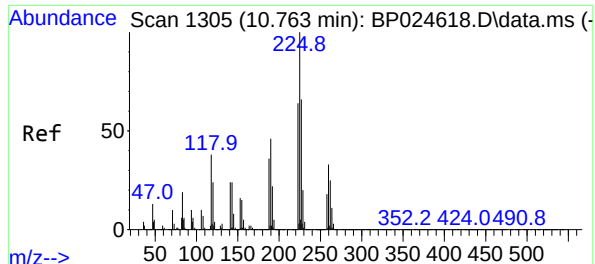


#33
4-Chloroaniline
Concen: 4.16 ng
RT: 10.616 min Scan# 1280
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



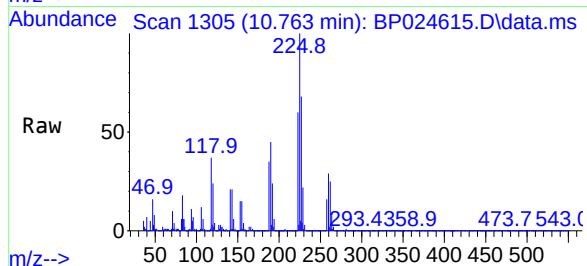
Tgt Ion:127 Resp: 32908
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.6
65 31.0 23.9 35.9
92 19.1 16.1 24.1





#34
Hexachlorobutadiene
Concen: 5.43 ng
RT: 10.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

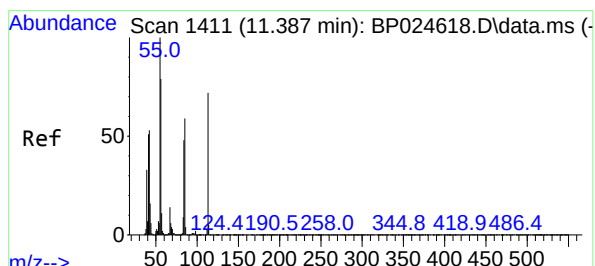
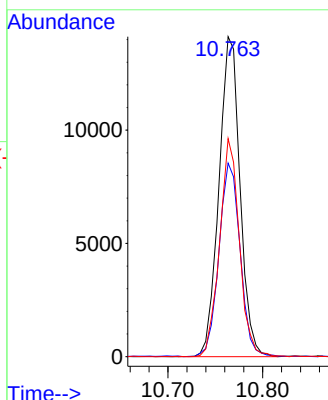
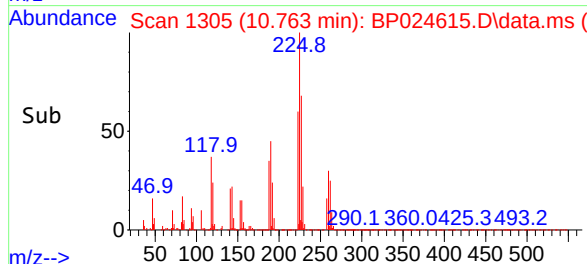
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



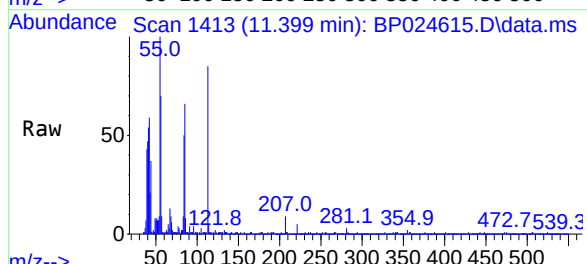
Tgt Ion: 225 Resp: 21834
Ion Ratio Lower Upper
225 100
223 60.5 51.0 76.6
227 71.7 53.1 79.7

Manual Integrations
APPROVED

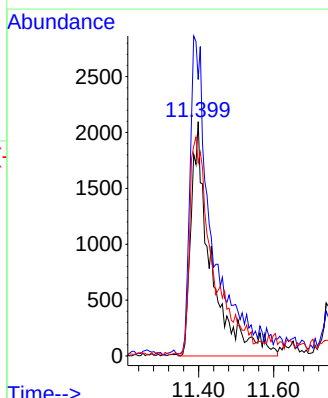
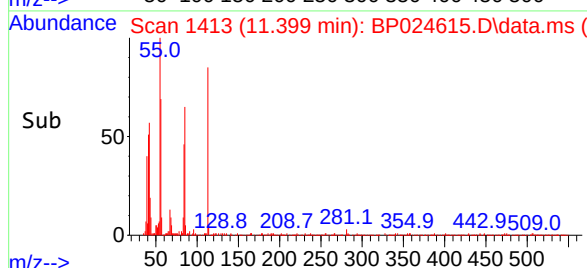
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

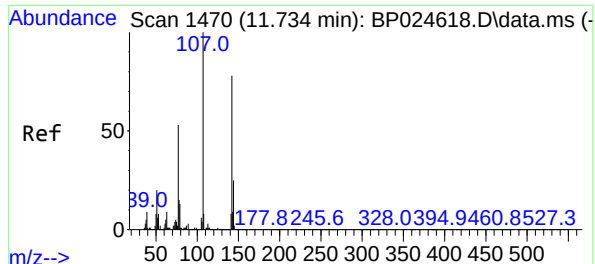


#35
Caprolactam
Concen: 3.88 ng m
RT: 11.399 min Scan# 1413
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



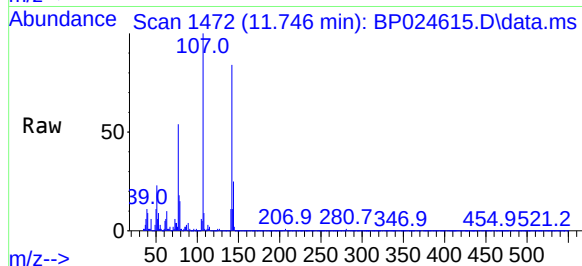
Tgt Ion: 113 Resp: 7742
Ion Ratio Lower Upper
113 100
55 118.0 119.0 159.0#
56 82.4 90.3 130.3#





#36
4-Chloro-3-methylphenol
Concen: 4.44 ng
RT: 11.746 min Scan# 1470
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

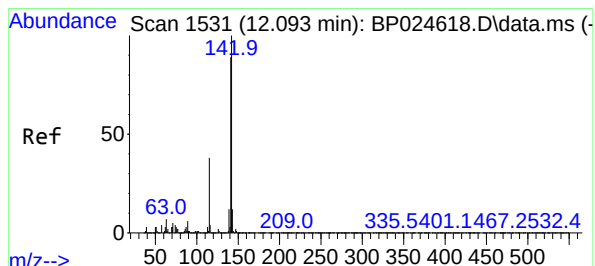
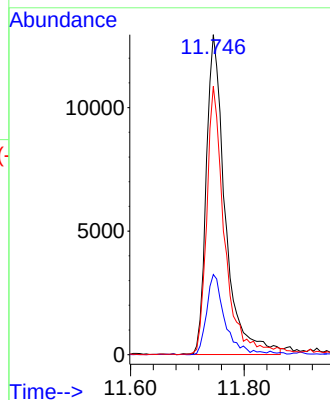
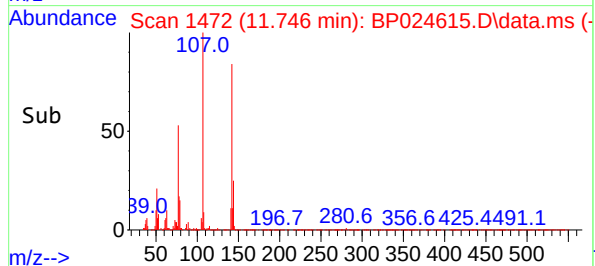
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



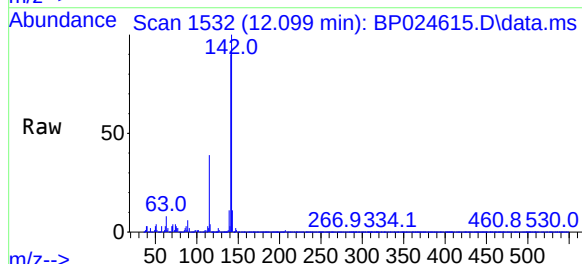
Tgt Ion:107 Resp: 29849
Ion Ratio Lower Upper
107 100
144 25.0 20.1 30.1
142 83.9 62.1 93.1

Manual Integrations
APPROVED

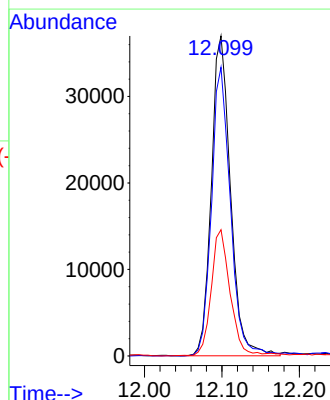
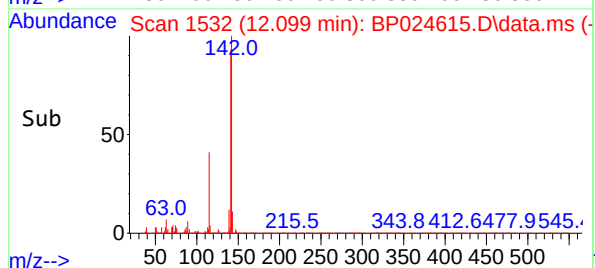
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

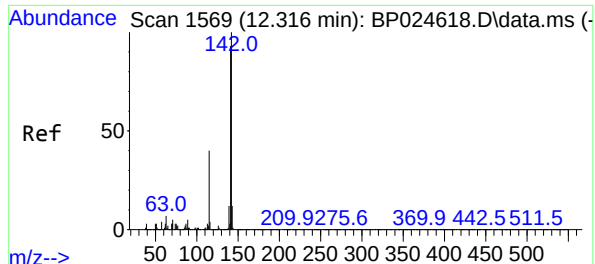


#37
2-Methylnaphthalene
Concen: 5.01 ng
RT: 12.099 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



Tgt Ion:142 Resp: 63562
Ion Ratio Lower Upper
142 100
141 90.2 71.2 106.8
115 39.4 30.6 46.0





#38

1-Methylnaphthalene

Concen: 5.16 ng

RT: 12.316 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:142 Resp: 7004

Ion Ratio Lower Upper

142 100

141 93.7 74.7 112.1

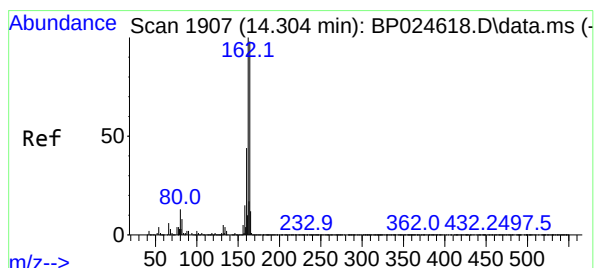
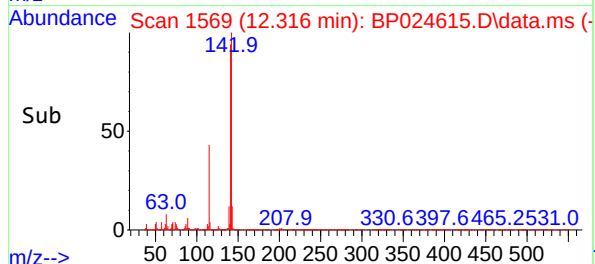
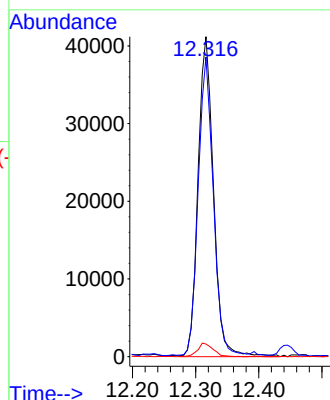
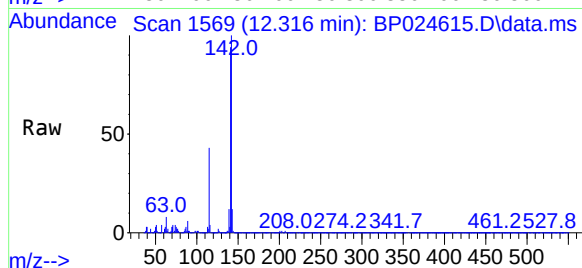
116 4.0 3.4 5.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.293 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

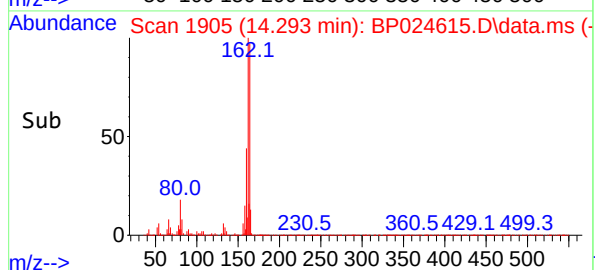
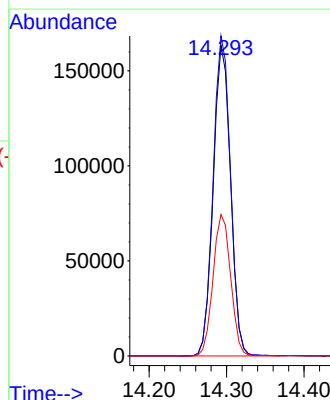
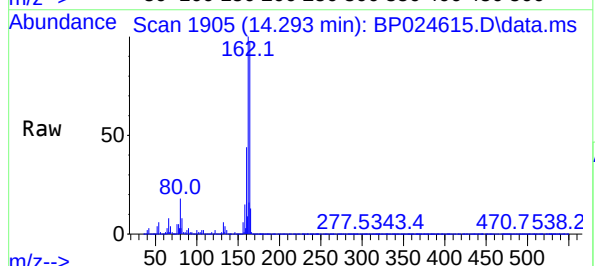
Tgt Ion:164 Resp: 254561

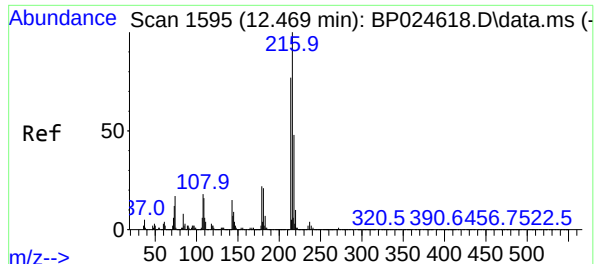
Ion Ratio Lower Upper

164 100

162 103.0 81.8 122.6

160 45.5 36.3 54.5





#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.11 ng

RT: 12.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:216 Resp: 37738

Ion Ratio Lower Upper

216 100

214 78.4 62.3 93.5

179 22.0 17.7 26.5

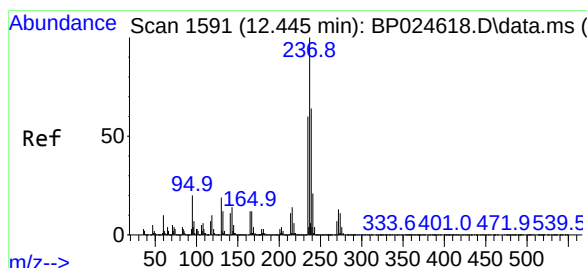
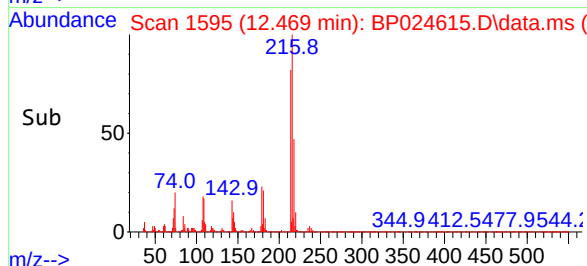
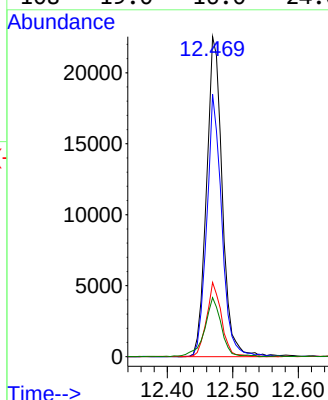
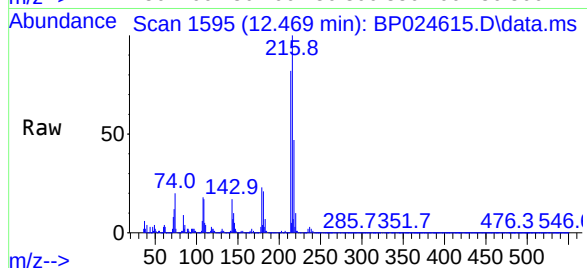
108 19.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#41

Hexachlorocyclopentadiene

Concen: 3.56 ng

RT: 12.446 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

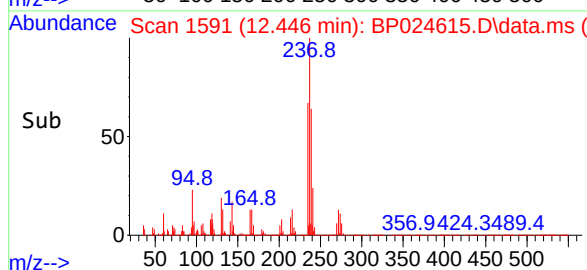
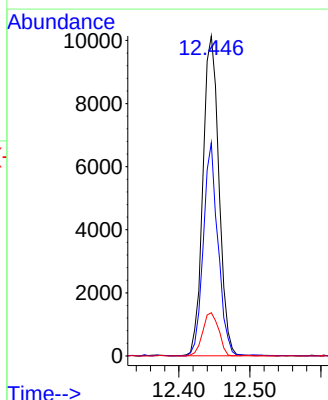
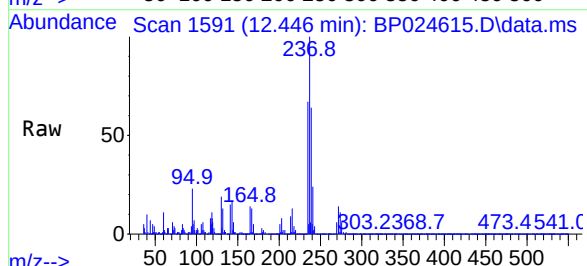
Tgt Ion:237 Resp: 15939

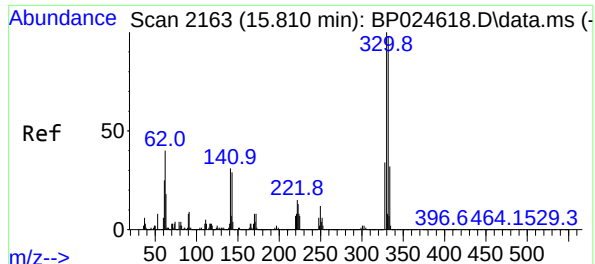
Ion Ratio Lower Upper

237 100

235 66.6 39.9 79.9

272 13.5 0.0 33.2





#42

2,4,6-Tribromophenol

Concen: 9.55 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

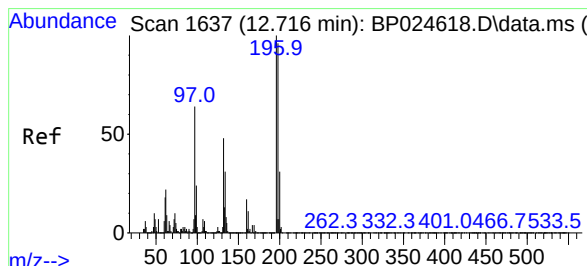
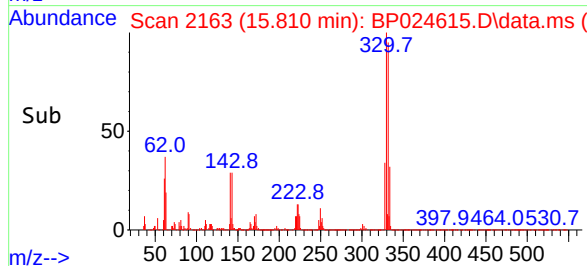
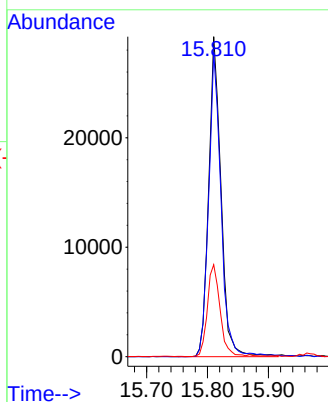
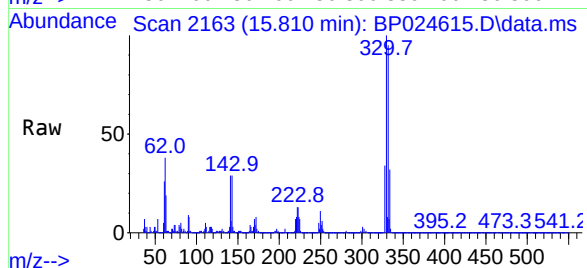
Tgt Ion:	330	Resp:	41219
Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.2	117.4
141	29.5	24.3	36.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#43

2,4,6-Trichlorophenol

Concen: 4.06 ng

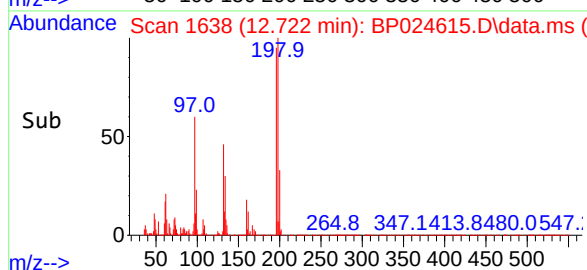
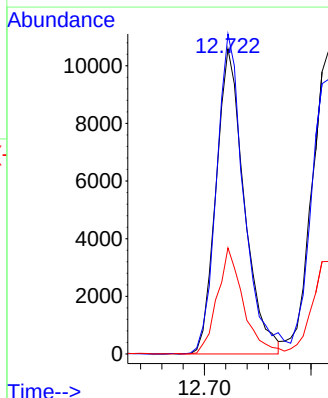
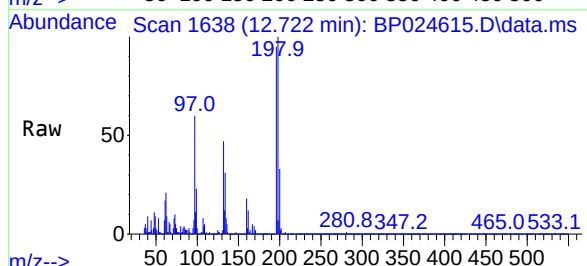
RT: 12.722 min Scan# 1638

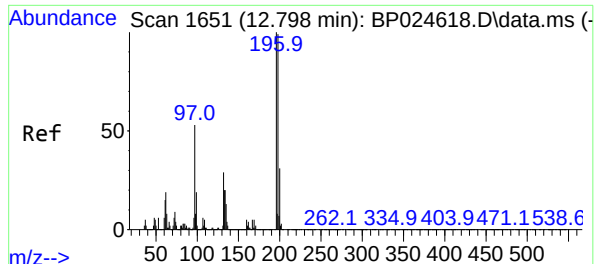
Delta R.T. 0.006 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

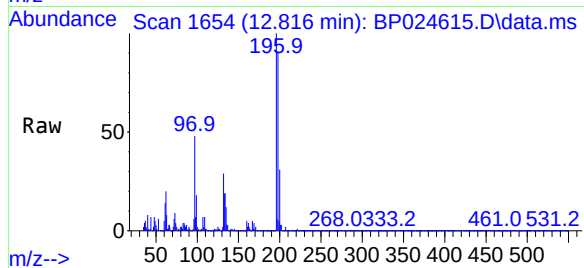
Tgt Ion:	196	Resp:	19429
Ion	Ratio	Lower	Upper
196	100		
198	104.9	76.9	115.3
200	34.8	25.2	37.8





#44
2,4,5-Trichlorophenol
Concen: 4.49 ng
RT: 12.816 min Scan# 1654
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

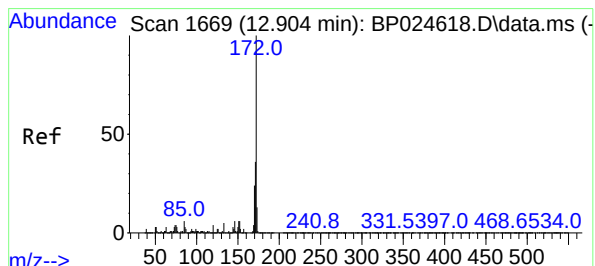
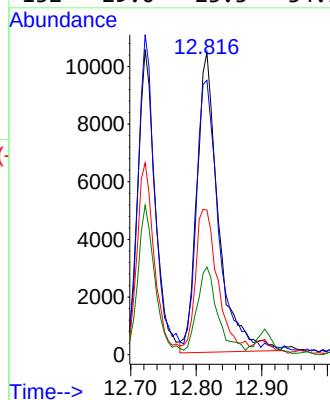
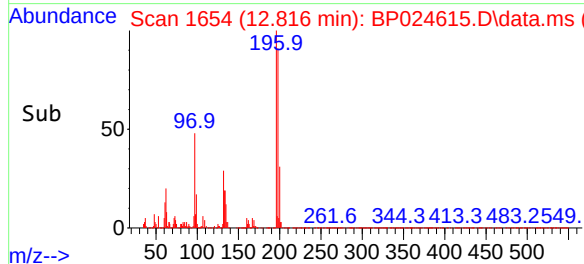
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:196 Resp: 23918
Ion Ratio Lower Upper
196 100
198 90.8 79.2 118.8
97 47.8 42.3 63.5
132 29.0 23.3 34.9

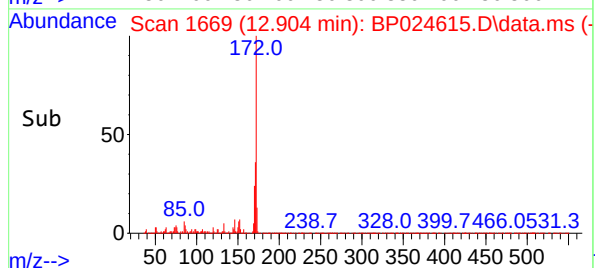
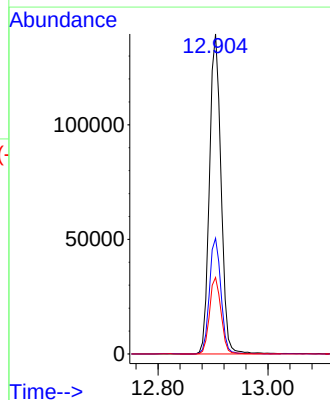
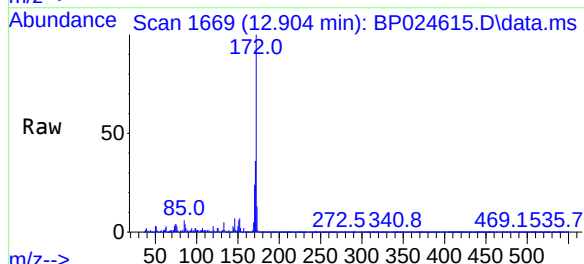
Manual Integrations
APPROVED

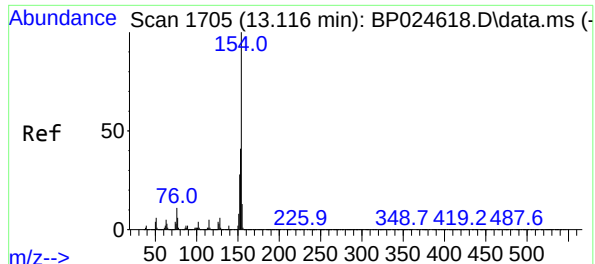
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#45
2-Fluorobiphenyl
Concen: 10.48 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:172 Resp: 203719
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.9 18.8 28.2





#46
1,1'-Biphenyl
Concen: 5.15 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

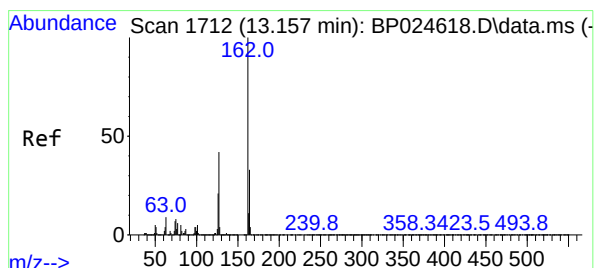
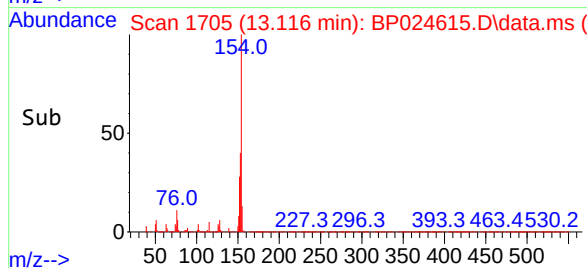
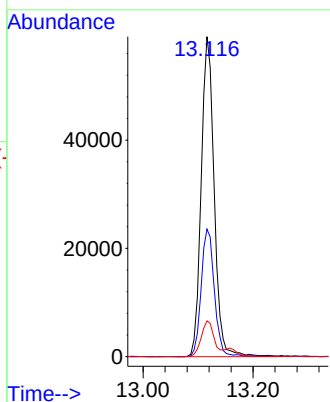
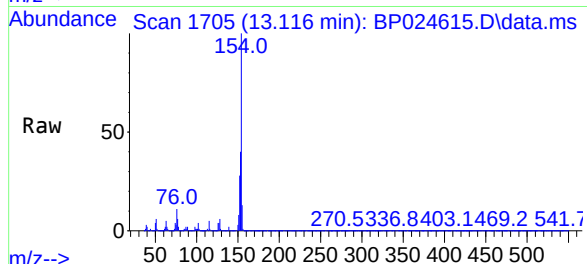
SSTDICC005

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.0	61.0
76	11.2	0.0	31.5

Manual Integrations

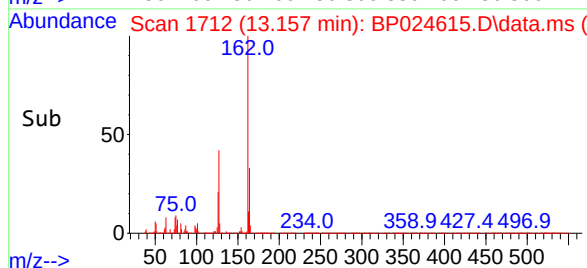
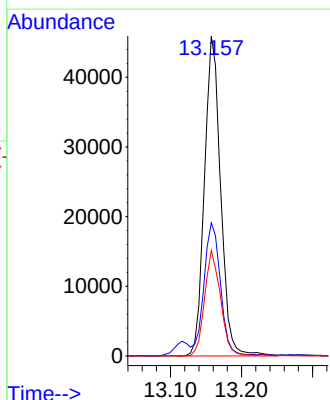
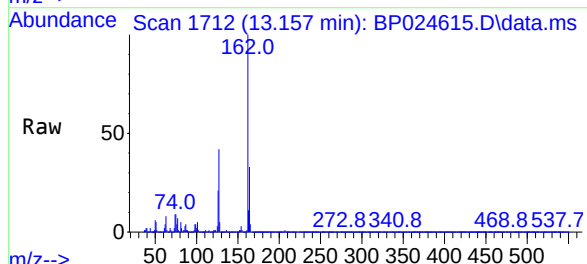
APPROVED

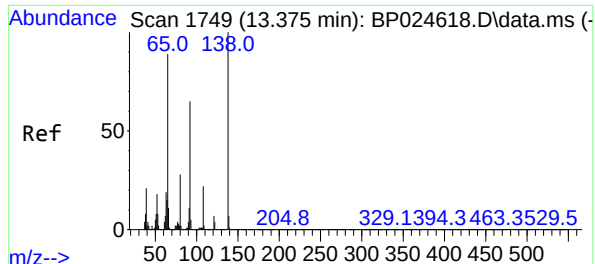
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#47
2-Chloronaphthalene
Concen: 5.09 ng
RT: 13.157 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

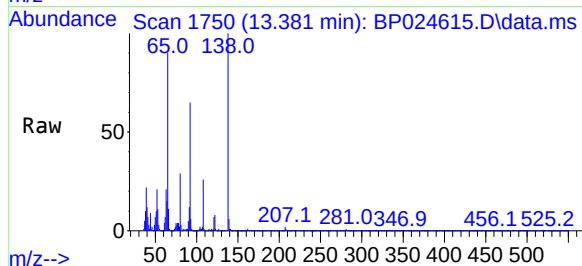
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.8	50.6
164	33.0	26.0	39.0





#48
2-Nitroaniline
Concen: 4.19 ng
RT: 13.381 min Scan# 1749
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

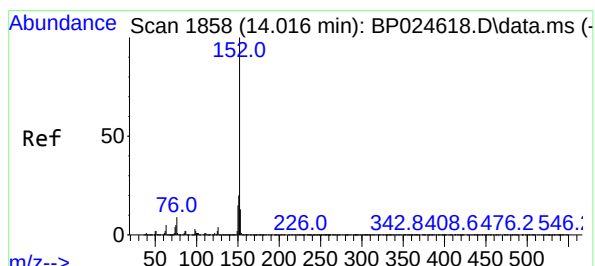
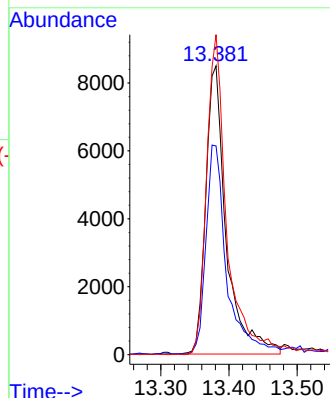
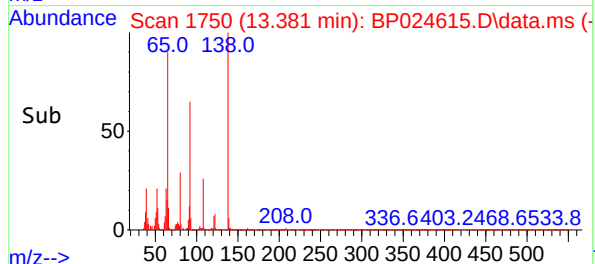
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



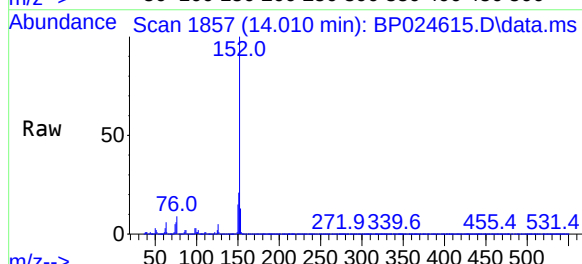
Tgt Ion: 65 Resp: 17778
Ion Ratio Lower Upper
65 100
92 72.3 58.7 88.1
138 110.8 90.2 135.2

Manual Integrations
APPROVED

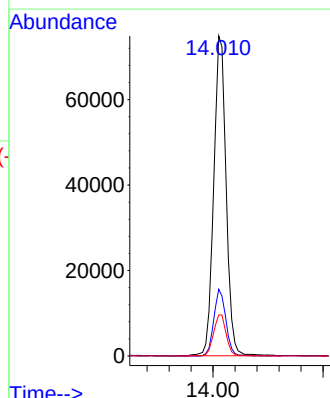
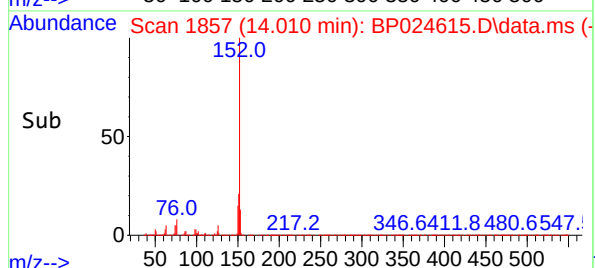
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

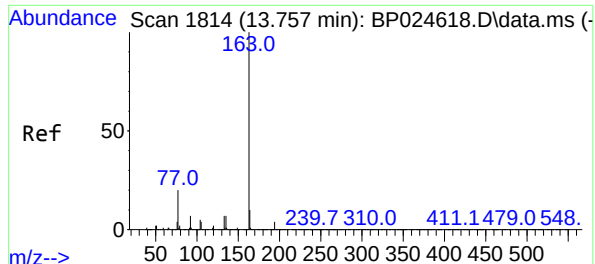


#49
Acenaphthylene
Concen: 4.89 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



Tgt Ion:152 Resp: 117448
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 12.8 10.2 15.4





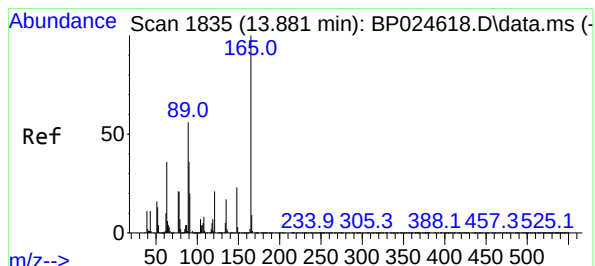
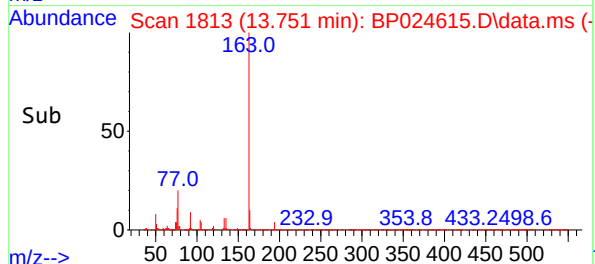
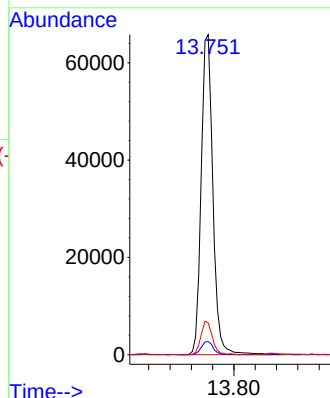
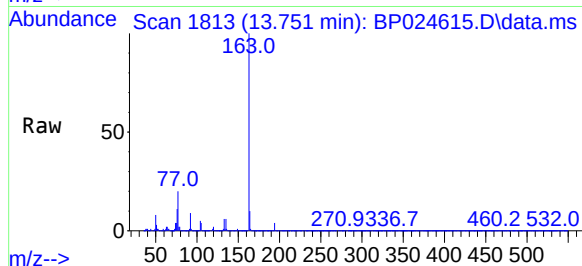
#50
Dimethylphthalate
Concen: 5.15 ng
RT: 13.751 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 99940
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.9 8.1 12.1

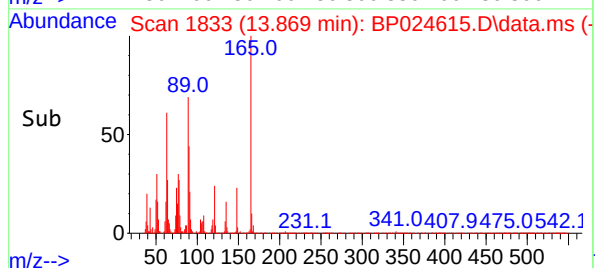
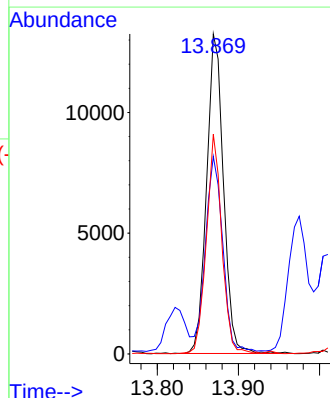
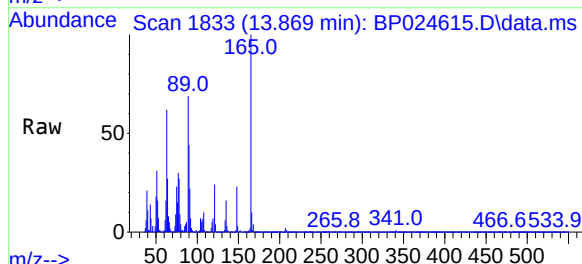
Manual Integrations
APPROVED

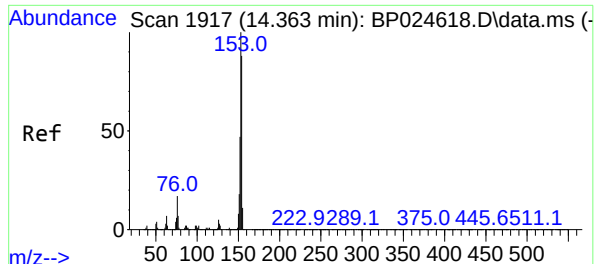
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#51
2,6-Dinitrotoluene
Concen: 4.65 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

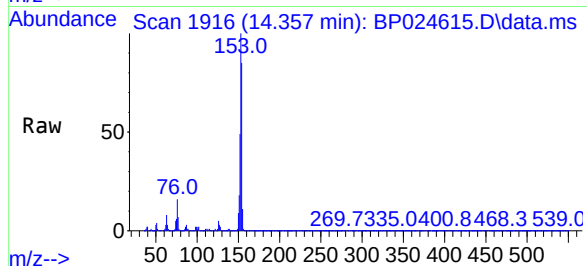
Tgt Ion:165 Resp: 19052
Ion Ratio Lower Upper
165 100
63 61.7 42.4 63.6
89 68.7 44.8 67.2#





#52
Acenaphthene
Concen: 5.09 ng
RT: 14.357 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

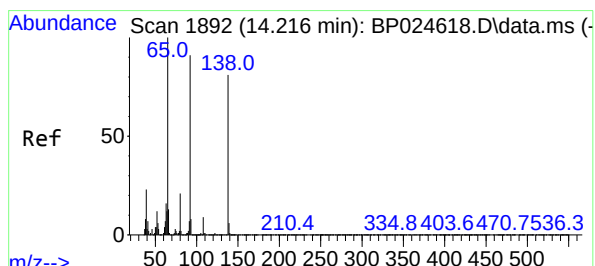
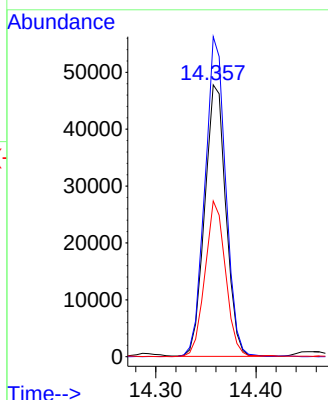
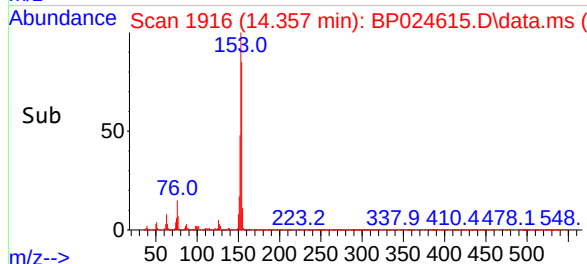
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



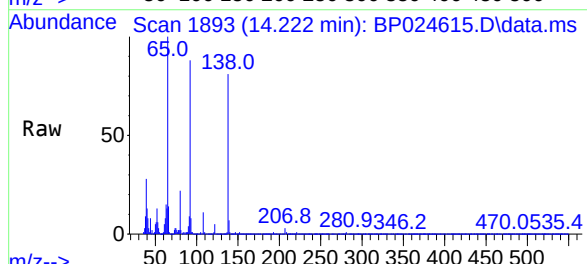
Tgt Ion:154 Resp: 70302
Ion Ratio Lower Upper
154 100
153 117.7 91.0 136.4
152 57.3 42.9 64.3

Manual Integrations
APPROVED

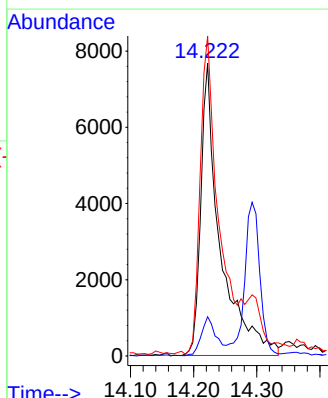
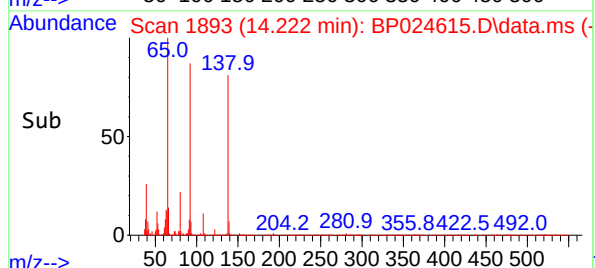
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

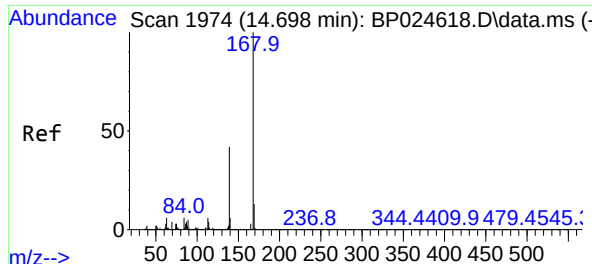


#53
3-Nitroaniline
Concen: 3.92 ng
RT: 14.222 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



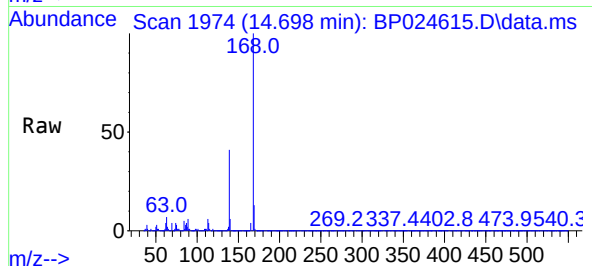
Tgt Ion:138 Resp: 16400
Ion Ratio Lower Upper
138 100
108 13.4 9.0 13.4
92 109.3 90.1 135.1





#55
Dibenzenofuran
Concen: 5.23 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

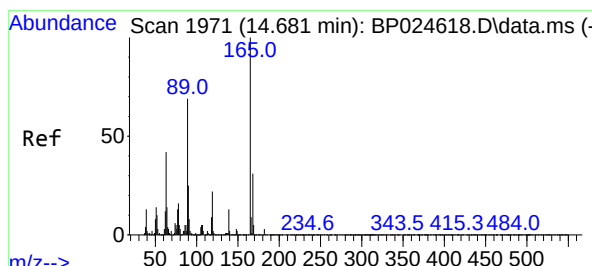
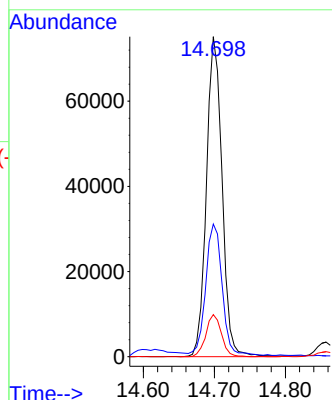
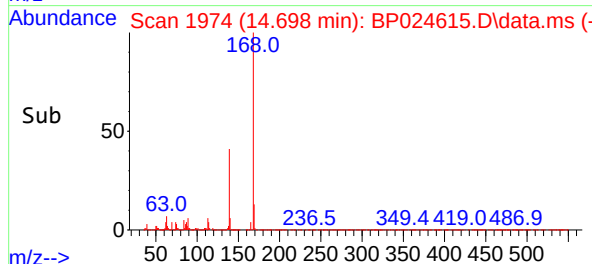
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:168 Resp: 115180
Ion Ratio Lower Upper
168 100
139 41.5 34.2 51.4
169 13.2 10.8 16.2

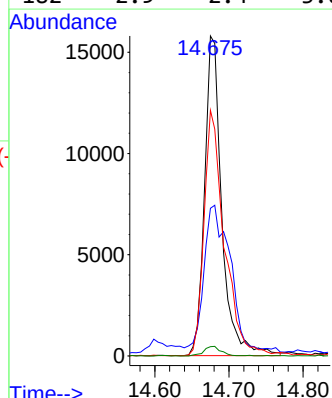
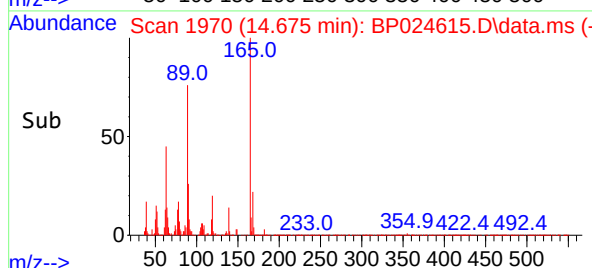
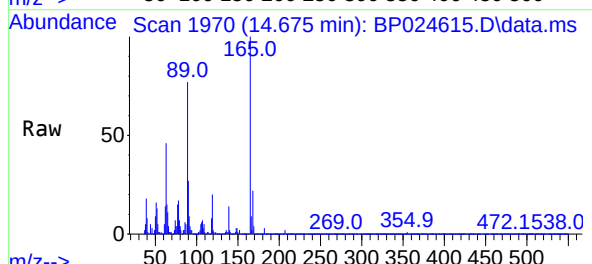
Manual Integrations
APPROVED

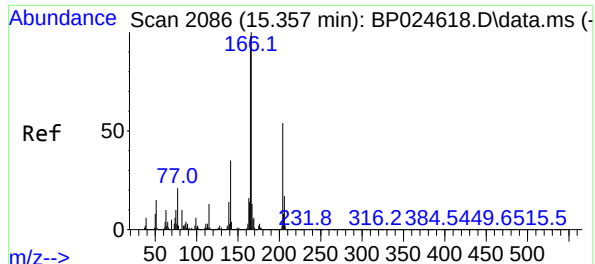
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#57
2,4-Dinitrotoluene
Concen: 4.41 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

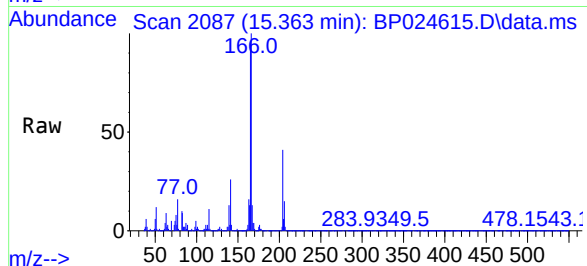
Tgt Ion:165 Resp: 25481
Ion Ratio Lower Upper
165 100
63 46.2 33.8 50.6
89 76.8 55.6 83.4
182 2.9 2.4 3.6





#58
Fluorene
Concen: 5.20 ng
RT: 15.363 min Scan# 2086
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

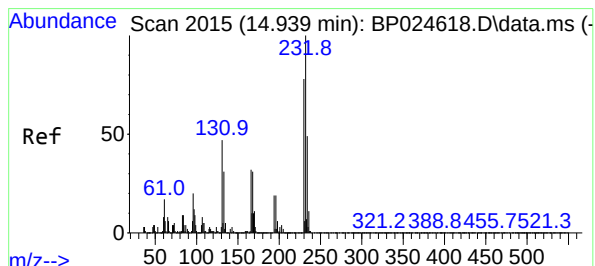
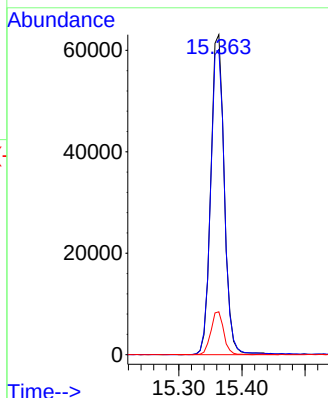
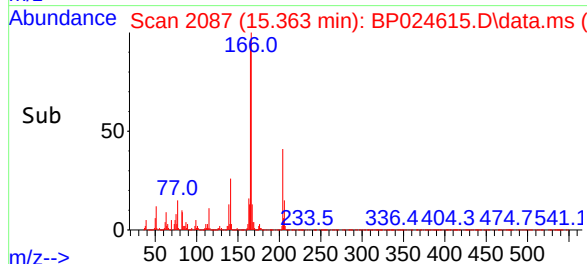
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



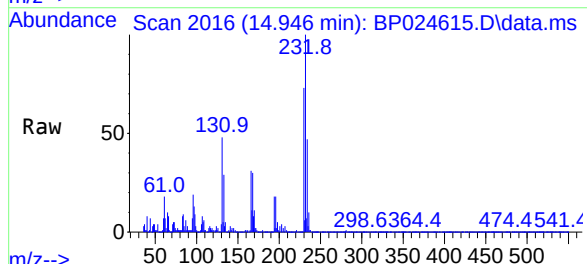
Tgt Ion:166 Resp: 9330
Ion Ratio Lower Upper
166 100
165 95.4 78.5 117.7
167 13.4 10.7 16.1

Manual Integrations
APPROVED

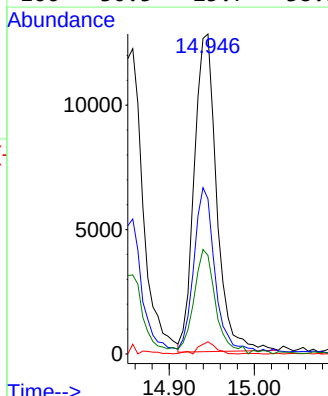
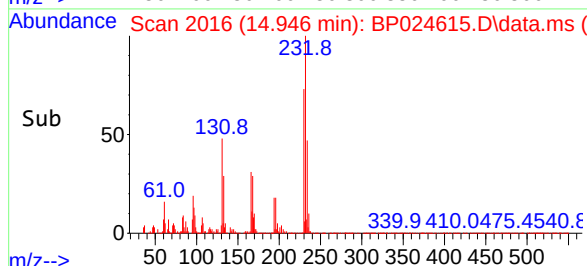
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

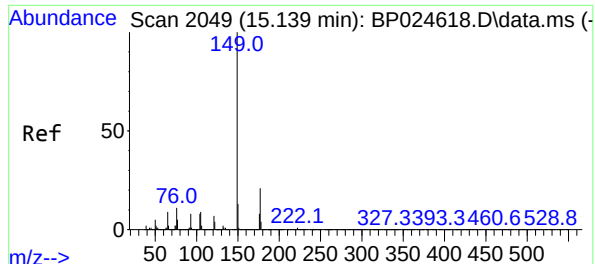


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.73 ng
RT: 14.946 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22



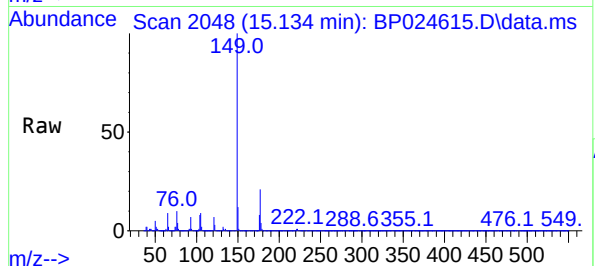
Tgt Ion:232 Resp: 23382
Ion Ratio Lower Upper
232 100
131 48.6 39.5 59.3
130 3.0 2.2 3.4
166 30.5 25.7 38.5





#60
Diethylphthalate
Concen: 5.17 ng
RT: 15.134 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

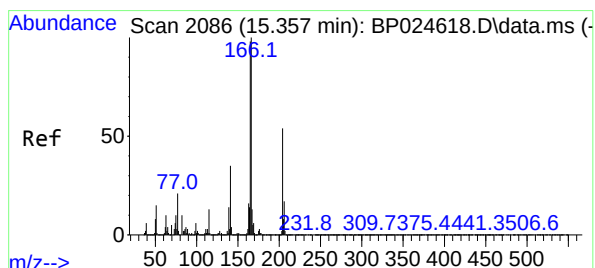
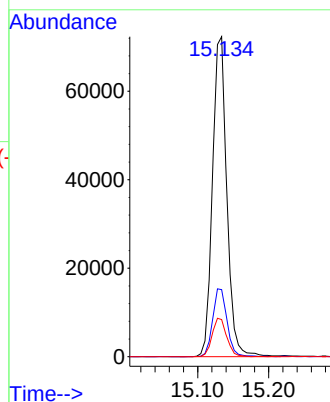
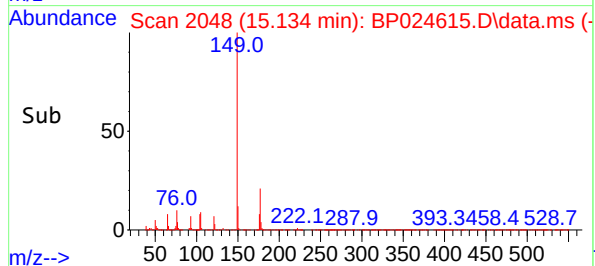
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 101360
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 11.6 10.2 15.2

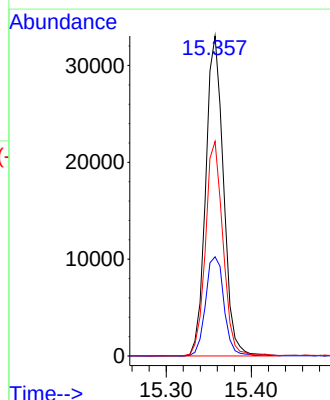
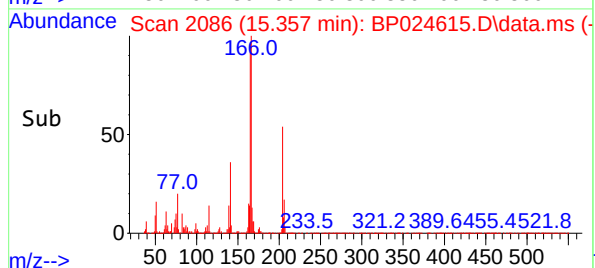
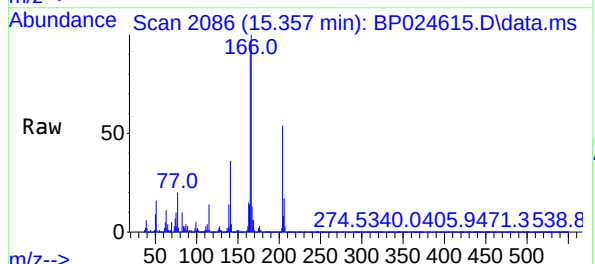
Manual Integrations
APPROVED

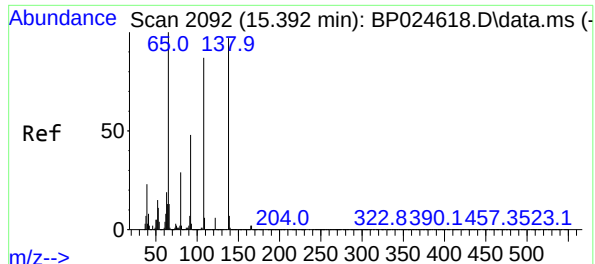
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#61
4-Chlorophenyl-phenylether
Concen: 5.35 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

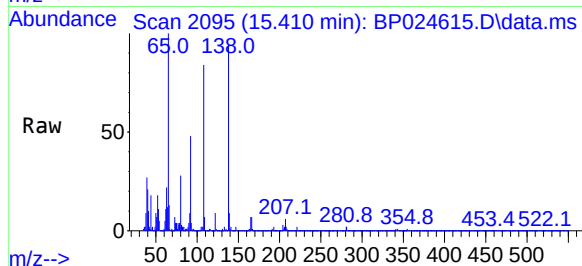
Tgt Ion:204 Resp: 47886
Ion Ratio Lower Upper
204 100
206 31.0 26.0 39.0
141 67.1 52.9 79.3





#62
4-Nitroaniline
Concen: 3.55 ng m
RT: 15.410 min Scan# 2092
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

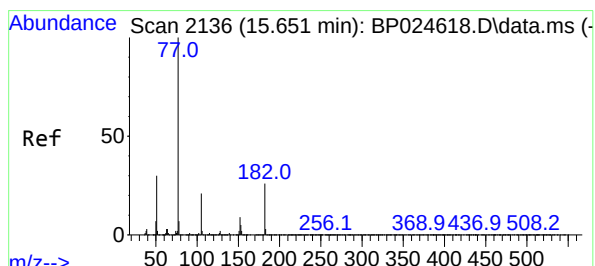
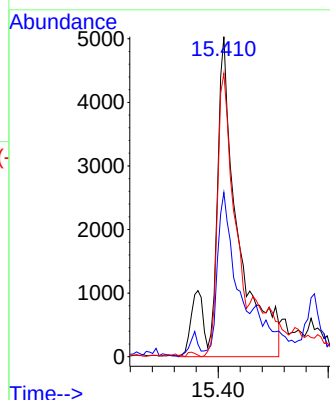
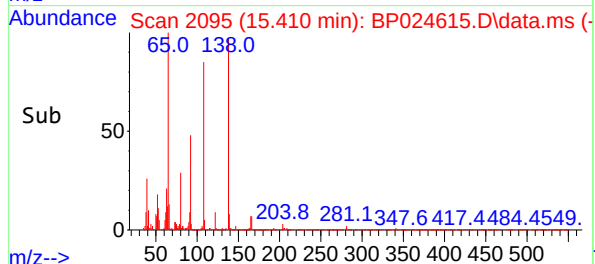
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:138 Resp: 1448
Ion Ratio Lower Upper
138 100
92 51.3 29.2 69.2
108 88.5 69.0 109.0

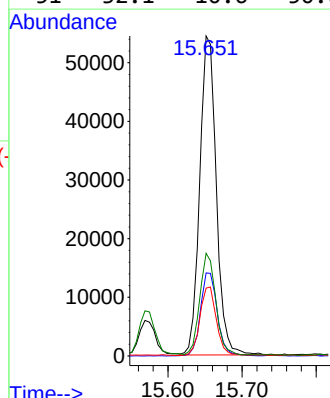
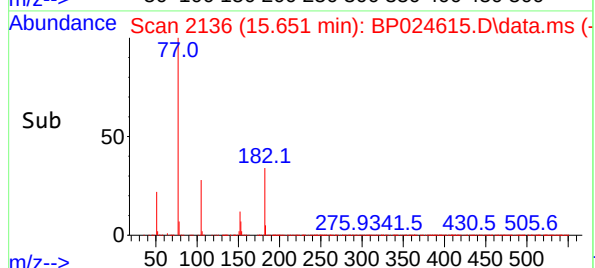
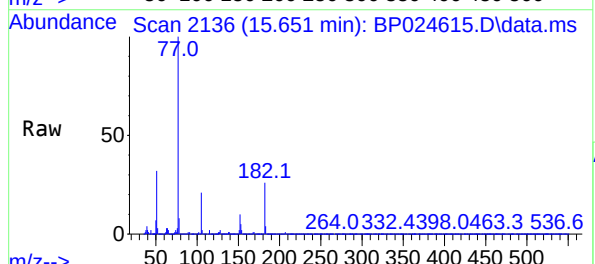
Manual Integrations
APPROVED

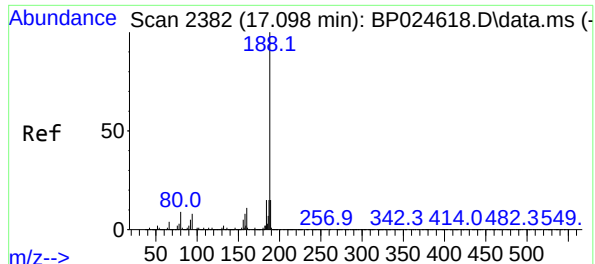
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#63
Azobenzene
Concen: 5.03 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 77 Resp: 84462
Ion Ratio Lower Upper
77 100
182 26.0 5.7 45.7
105 21.2 1.3 41.3
51 32.1 10.6 50.6





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

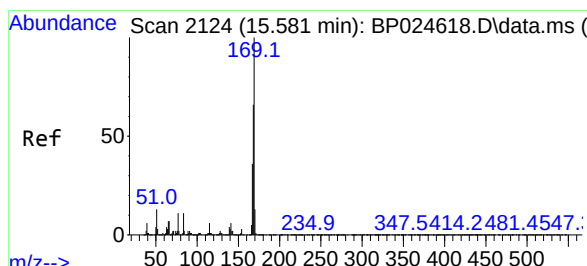
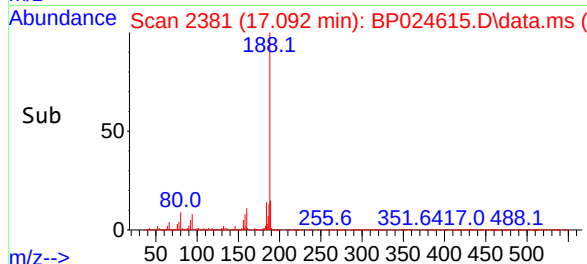
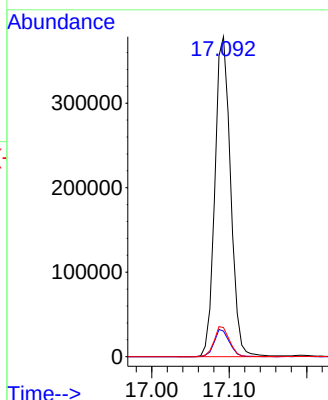
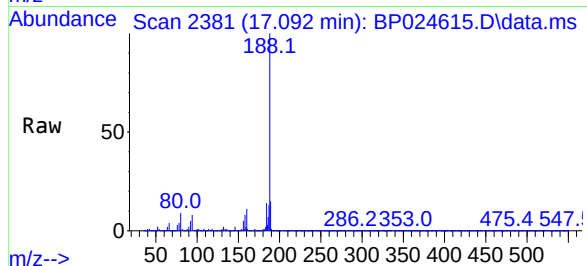
SSTDICC005

Tgt Ion:188 Resp: 531548
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 9.1 7.3 10.9

Manual Integrations

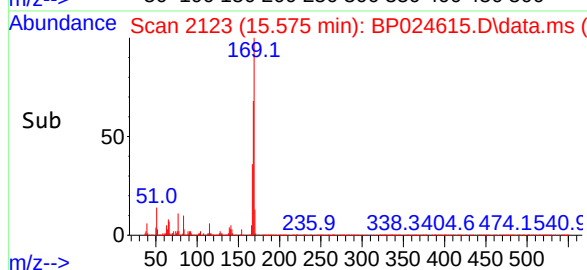
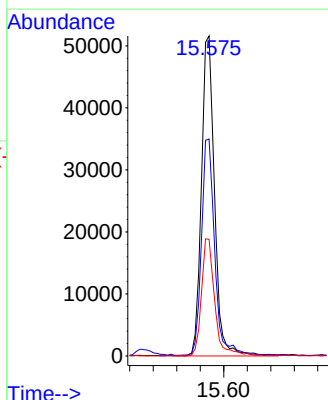
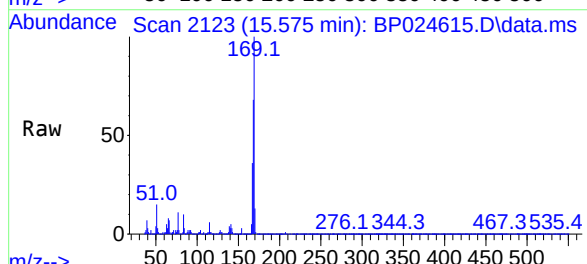
APPROVED

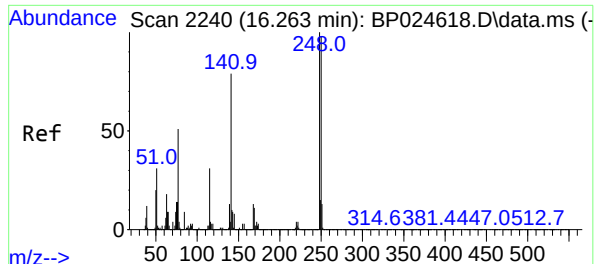
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#66
n-Nitrosodiphenylamine
Concen: 4.90 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:169 Resp: 80078
Ion Ratio Lower Upper
169 100
168 67.8 53.2 79.8
167 36.5 28.6 43.0





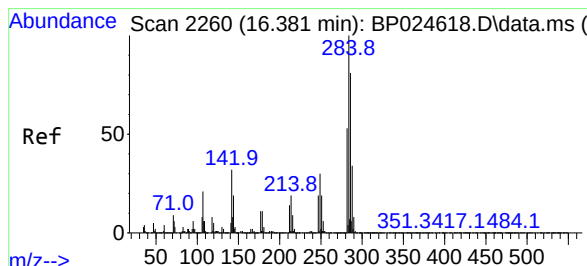
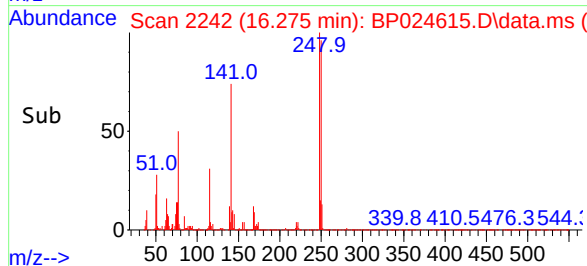
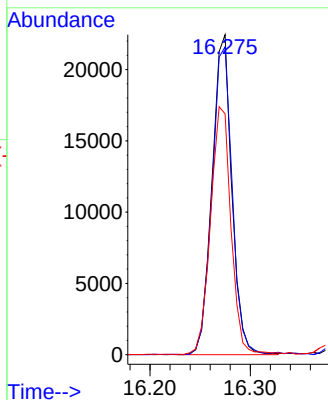
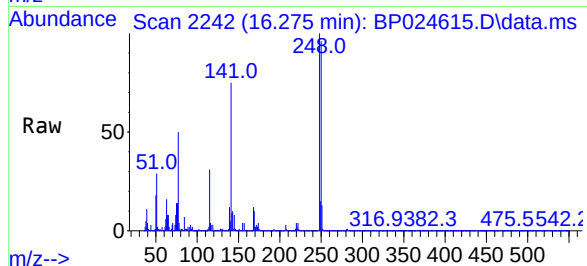
#67
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 16.275 min Scan# 211
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.2	117.4
141	75.3	63.0	94.6

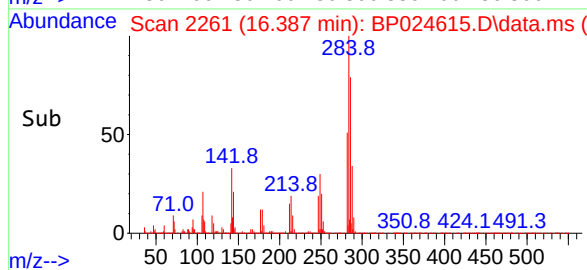
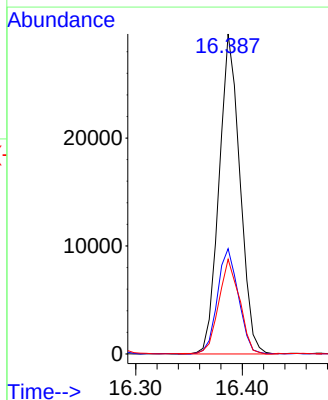
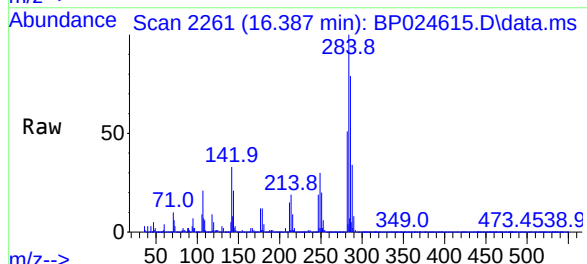
Manual Integrations
APPROVED

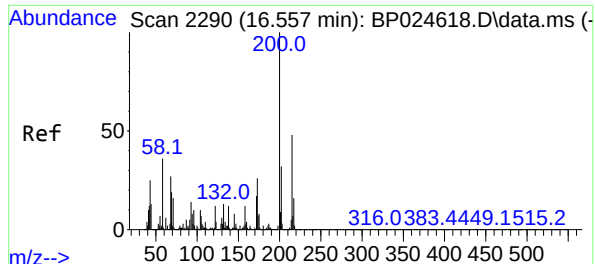
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#68
Hexachlorobenzene
Concen: 5.06 ng
RT: 16.387 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	25.9	38.9
249	29.6	24.1	36.1





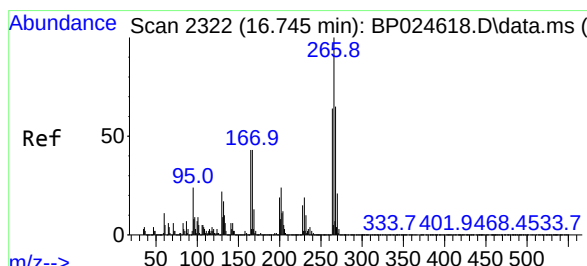
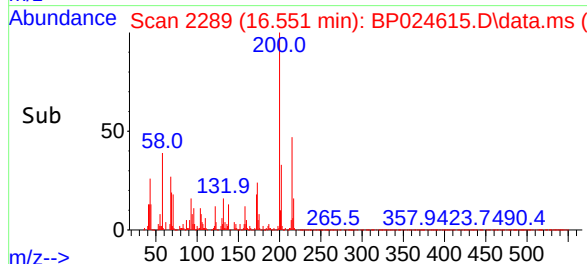
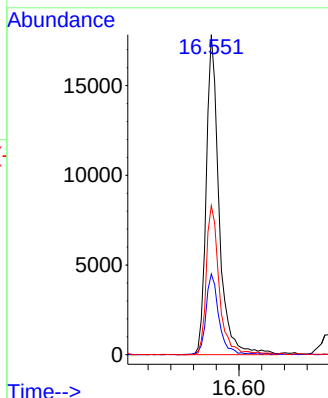
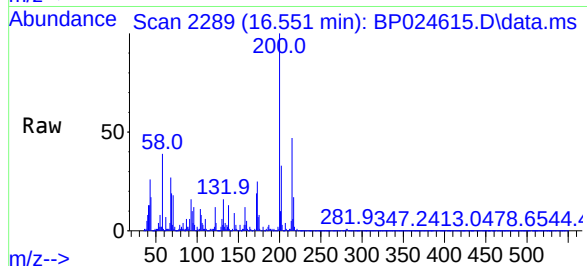
#69
Atrazine
Concen: 4.66 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 2790
Ion Ratio Lower Upper
200 100
173 25.2 5.9 45.9
215 46.5 28.3 68.3

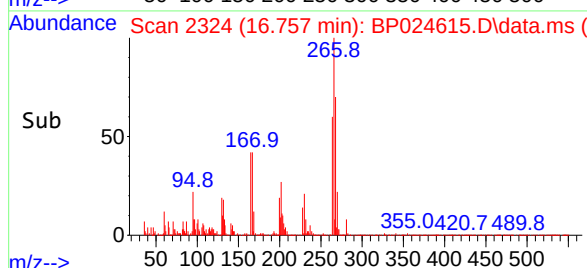
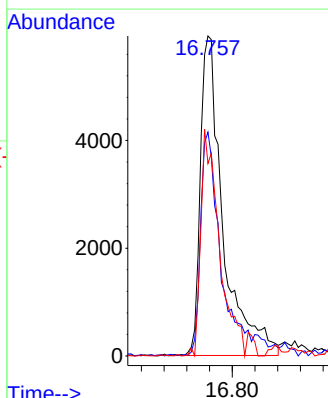
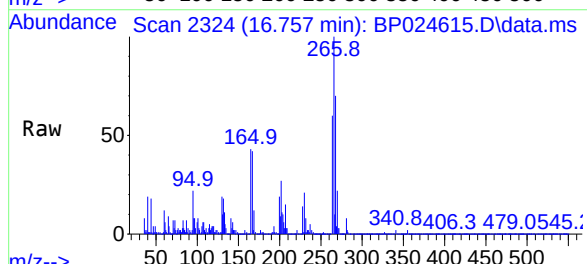
Manual Integrations
APPROVED

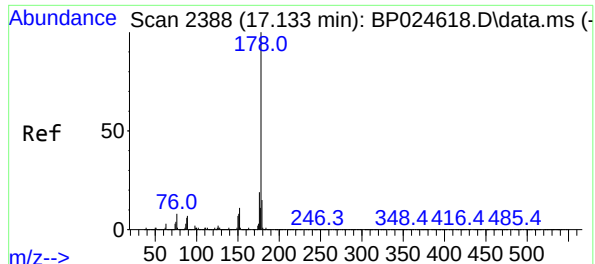
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#70
Pentachlorophenol
Concen: 3.68 ng
RT: 16.757 min Scan# 2324
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:266 Resp: 16456
Ion Ratio Lower Upper
266 100
268 69.9 52.2 78.4
264 60.1 51.1 76.7





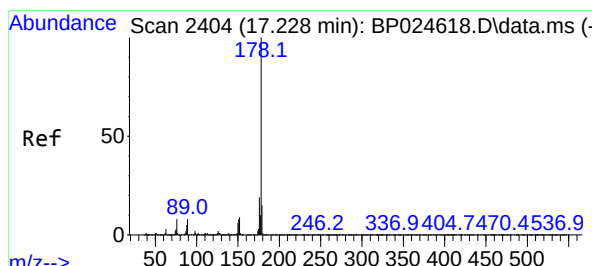
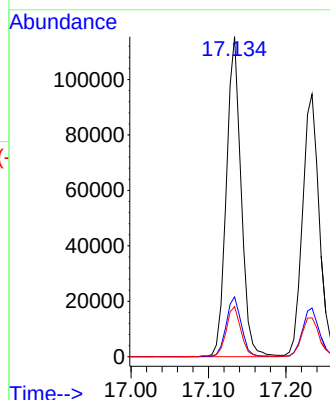
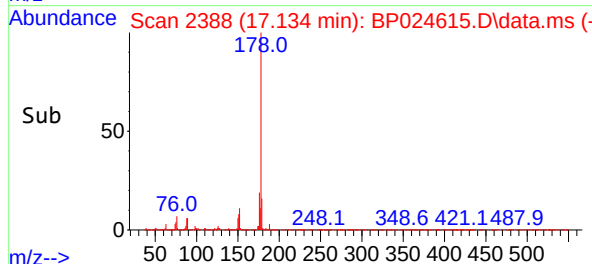
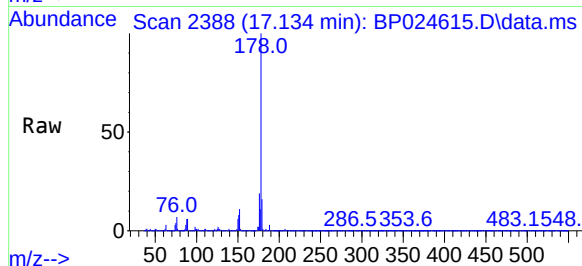
#71
Phenanthrene
Concen: 5.14 ng
RT: 17.134 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 152030
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.7 12.2 18.4

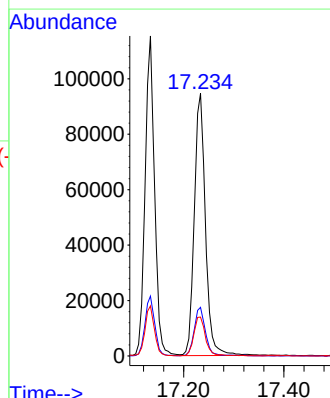
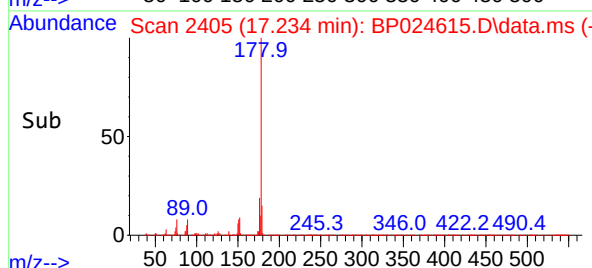
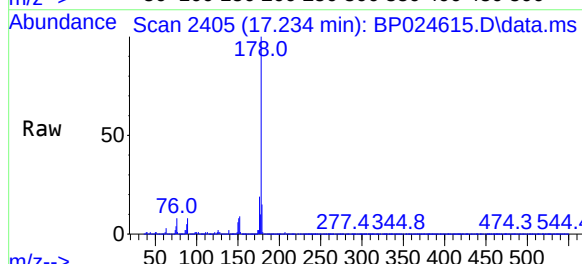
Manual Integrations
APPROVED

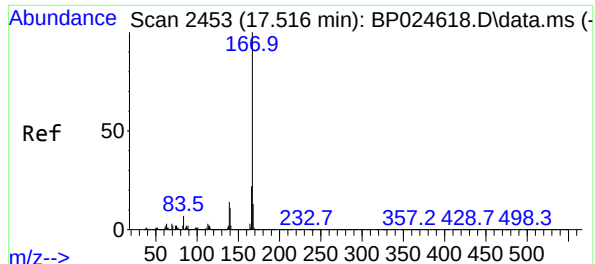
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#72
Anthracene
Concen: 4.90 ng
RT: 17.234 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

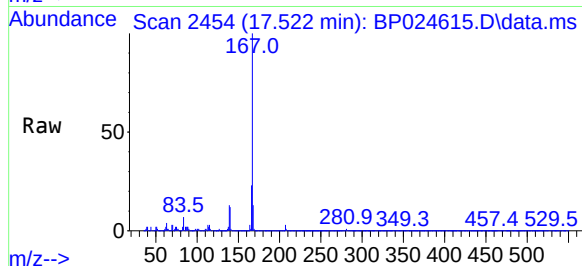
Tgt Ion:178 Resp: 145809
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 14.8 12.2 18.2





#73
Carbazole
Concen: 4.56 ng
RT: 17.522 min Scan# 2454
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

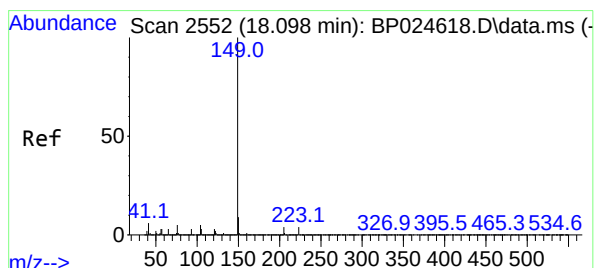
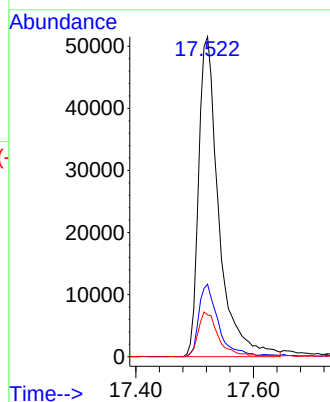
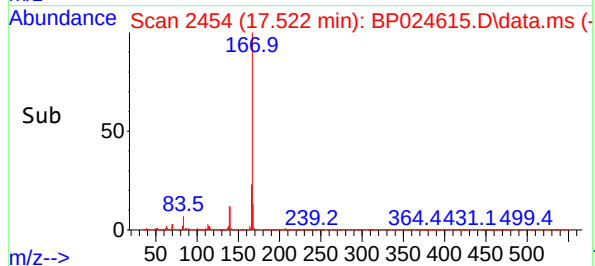
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:167 Resp: 122660
Ion Ratio Lower Upper
167 100
166 22.6 17.7 26.5
139 13.1 11.3 16.9

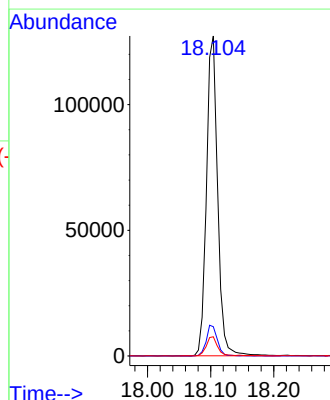
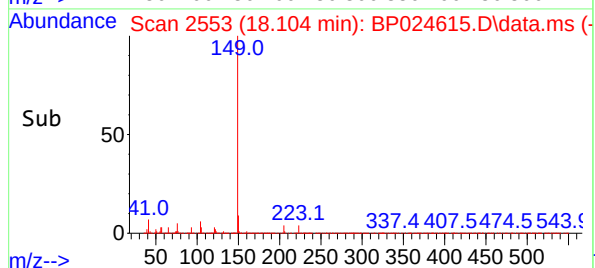
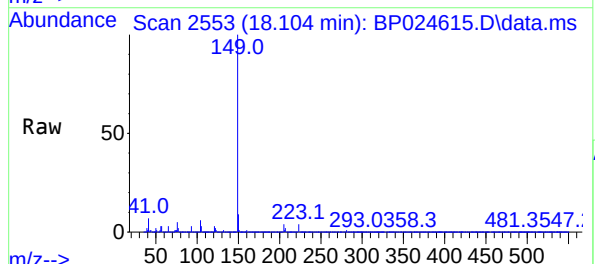
Manual Integrations
APPROVED

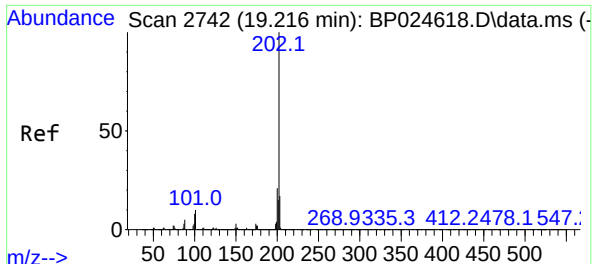
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#74
Di-n-butylphthalate
Concen: 4.54 ng
RT: 18.104 min Scan# 2553
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

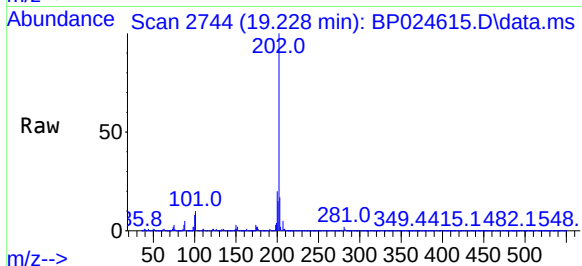
Tgt Ion:149 Resp: 157014
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 6.0 4.3 6.5





#75
Fluoranthene
Concen: 4.89 ng
RT: 19.228 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

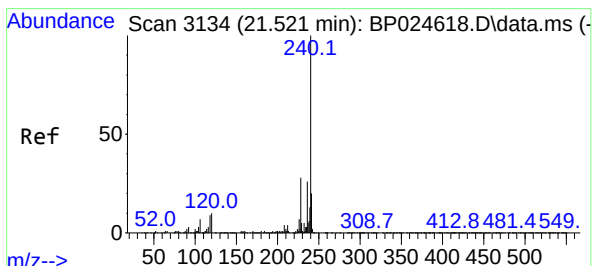
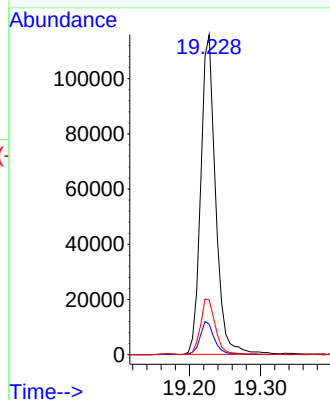
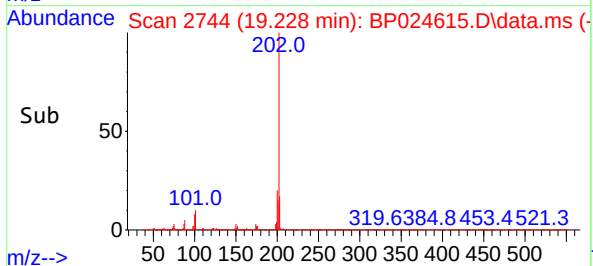
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 202 Resp: 16886
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.3
203 17.2 0.0 37.5

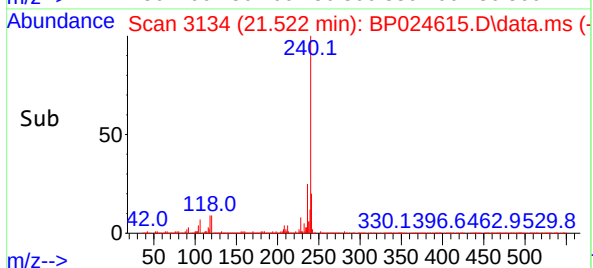
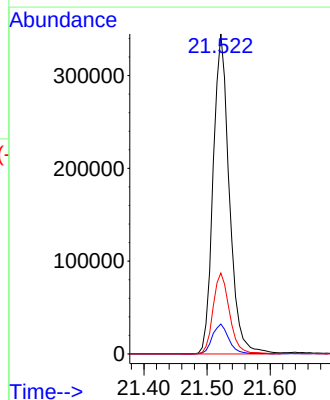
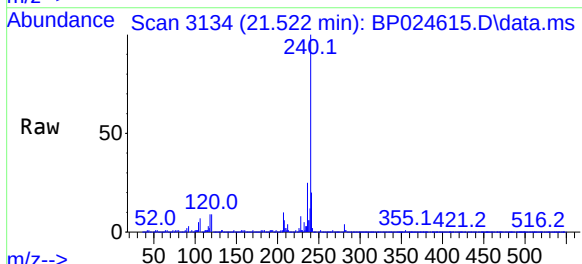
Manual Integrations
APPROVED

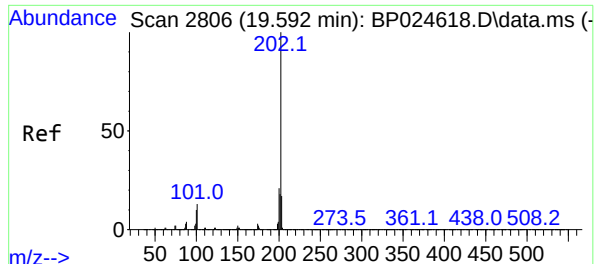
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 240 Resp: 614288
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 25.3 20.6 31.0





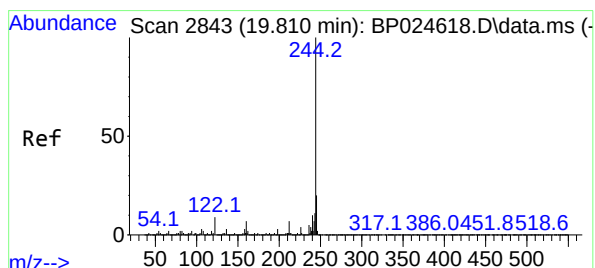
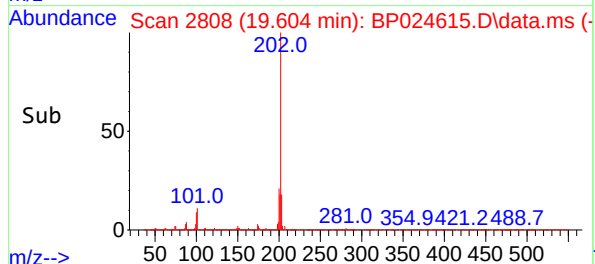
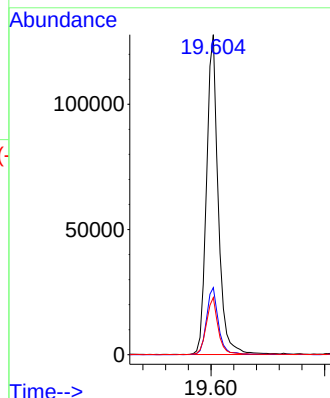
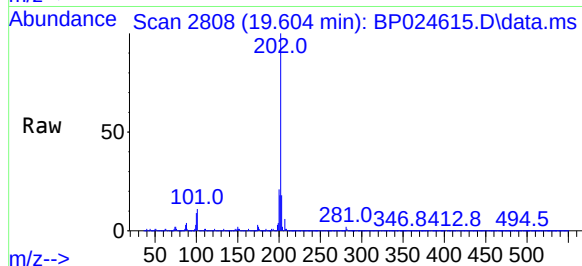
#78
Pyrene
Concen: 4.94 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 18181
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.8 13.9 20.9

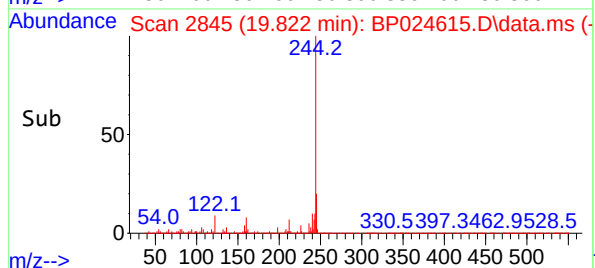
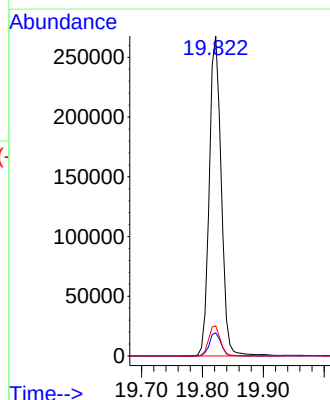
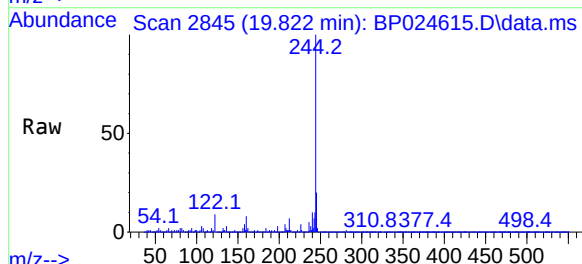
Manual Integrations
APPROVED

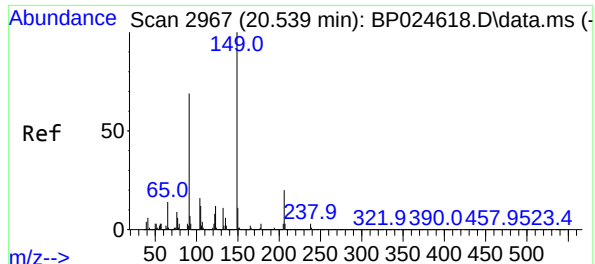
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#79
Terphenyl-d14
Concen: 10.22 ng
RT: 19.822 min Scan# 2845
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:244 Resp: 366245
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 9.4 7.4 11.0





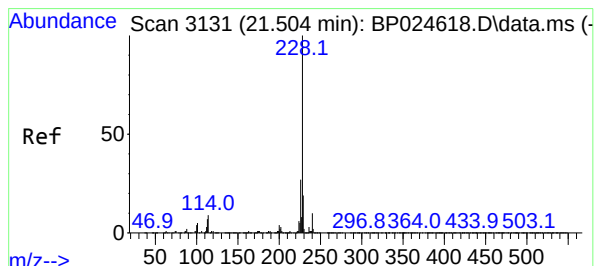
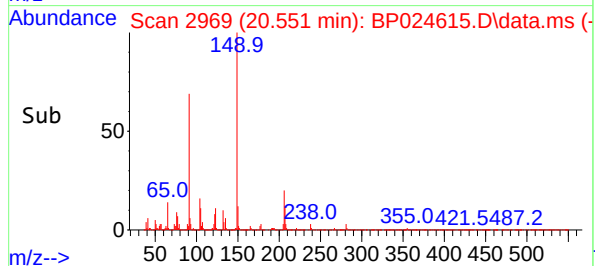
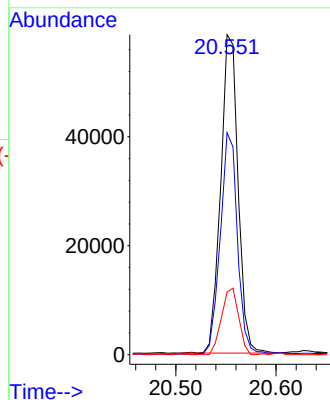
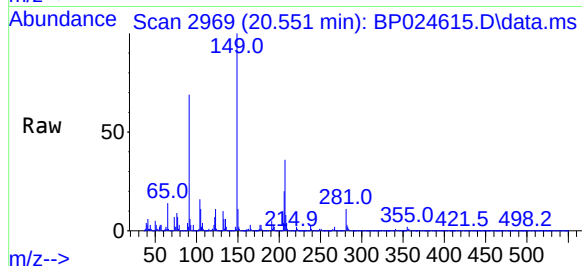
#80
Butylbenzylphthalate
Concen: 4.30 ng
RT: 20.551 min Scan# 2967
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 7034
Ion Ratio Lower Upper
149 100
91 69.3 55.4 83.0
206 19.5 16.2 24.2

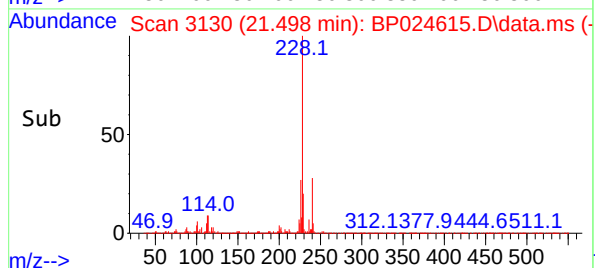
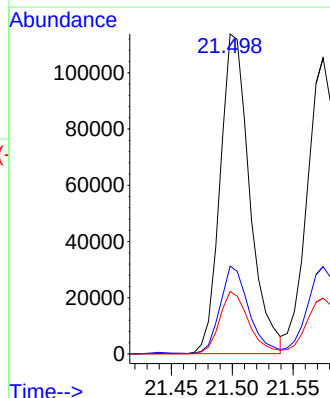
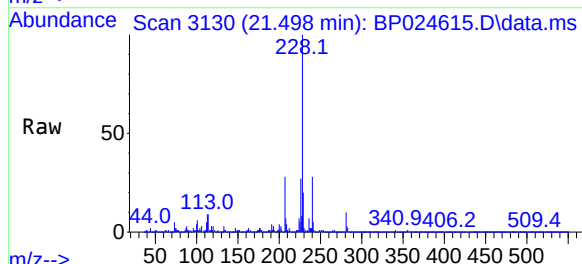
Manual Integrations
APPROVED

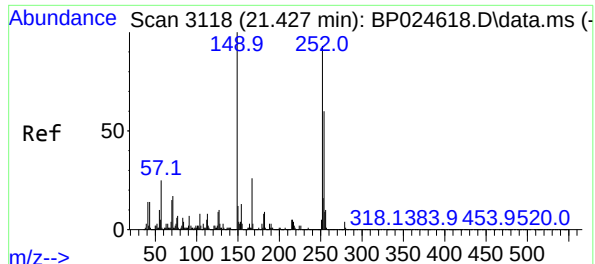
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#81
Benzo(a)anthracene
Concen: 4.98 ng
RT: 21.498 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:228 Resp: 192110
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 19.5 15.5 23.3





#82

3,3'-Dichlorobenzidine

Concen: 3.82 ng

RT: 21.445 min Scan# 3118

Delta R.T. 0.018 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

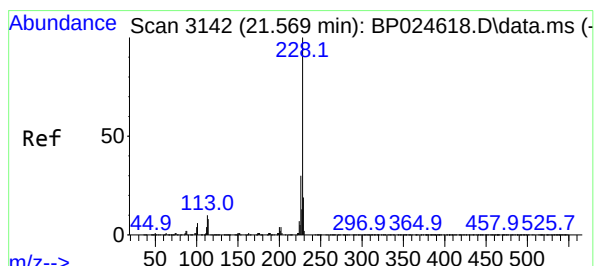
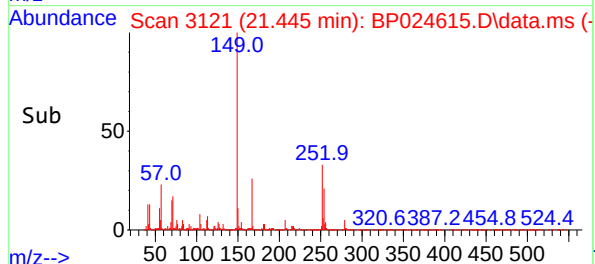
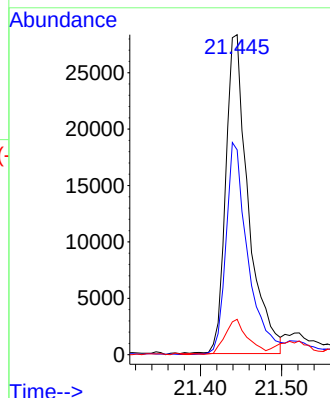
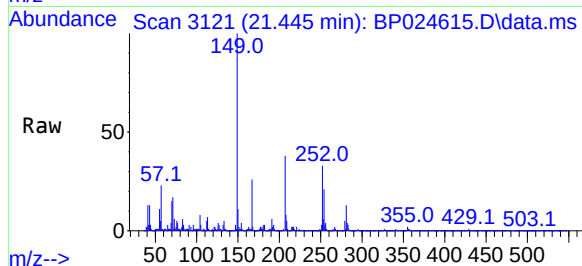
SSTDICC005

Tgt Ion:	252	Resp:	5479
Ion Ratio	Lower	Upper	
252	100		
254	64.0	51.8	77.6
126	11.0	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#83

Chrysene

Concen: 5.10 ng

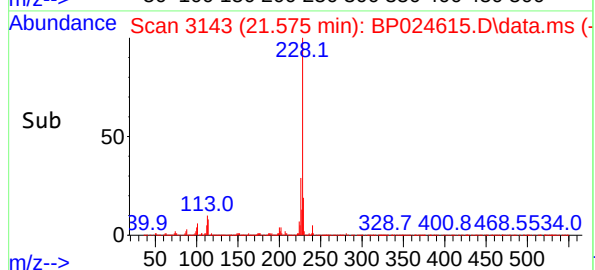
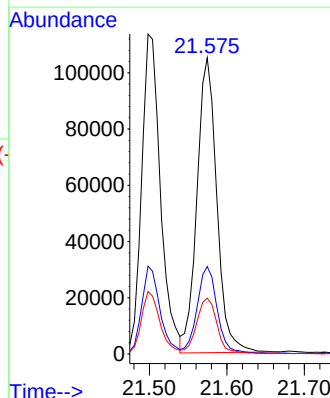
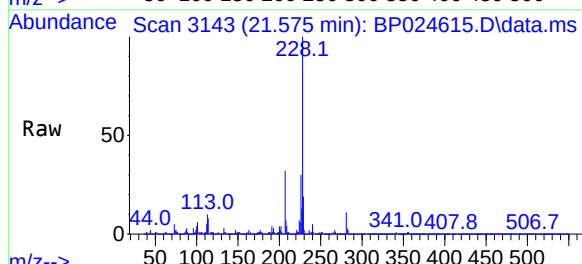
RT: 21.575 min Scan# 3143

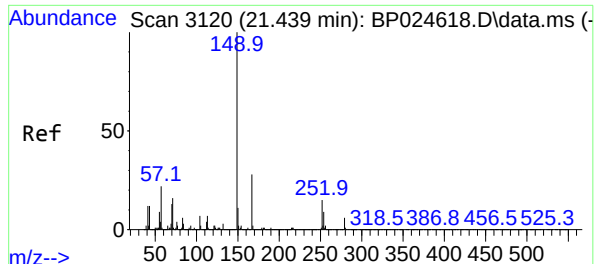
Delta R.T. 0.006 min

Lab File: BP024615.D

Acq: 13 May 2025 11:22

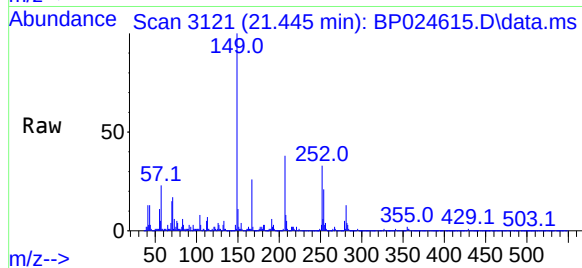
Tgt Ion:	228	Resp:	186449
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.9	35.9
229	18.9	15.5	23.3





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.29 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

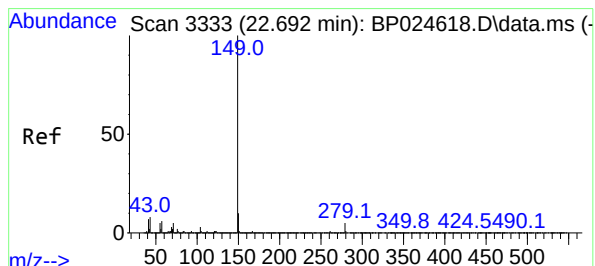
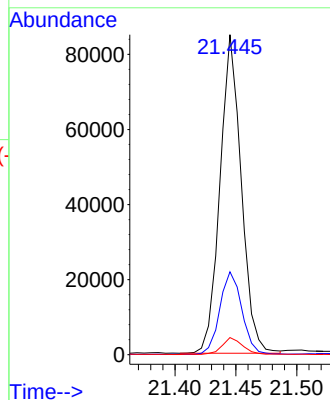
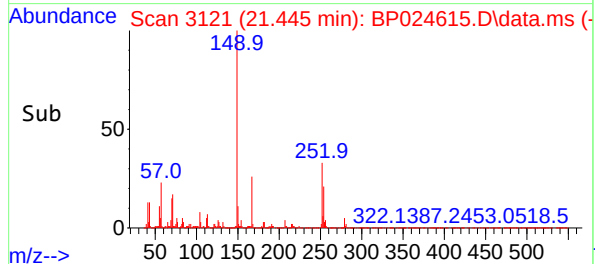
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 103280
Ion Ratio Lower Upper
149 100
167 25.9 22.1 33.1
279 5.4 4.6 6.8

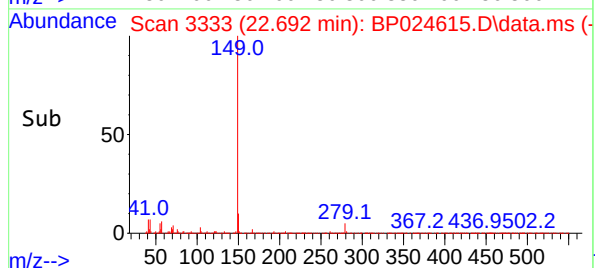
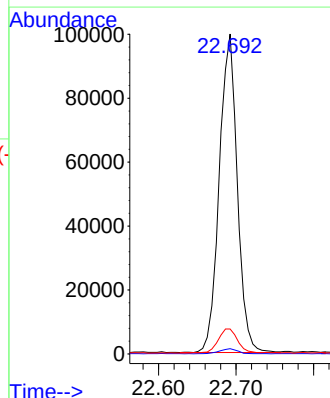
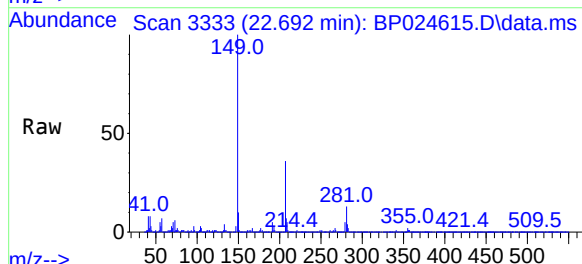
Manual Integrations
APPROVED

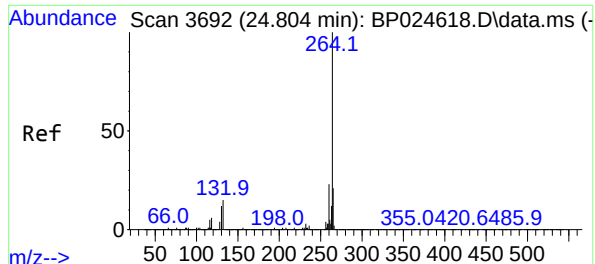
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#85
Di-n-octyl phthalate
Concen: 4.09 ng
RT: 22.692 min Scan# 3333
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

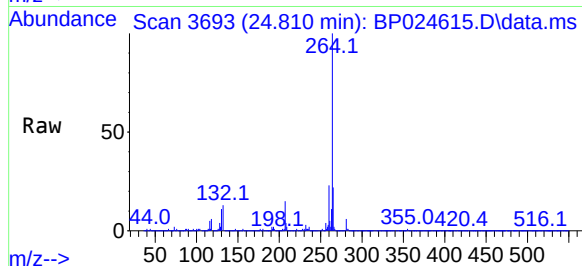
Tgt Ion:149 Resp: 160883
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.2 6.3 9.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

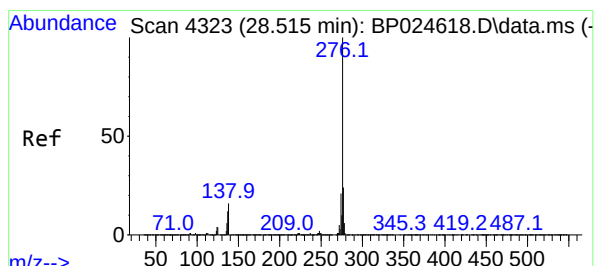
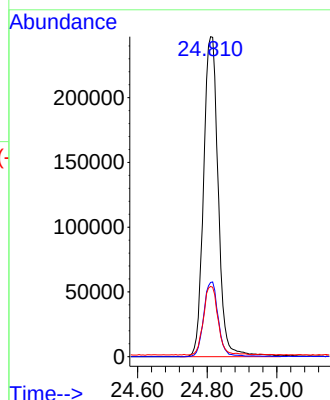
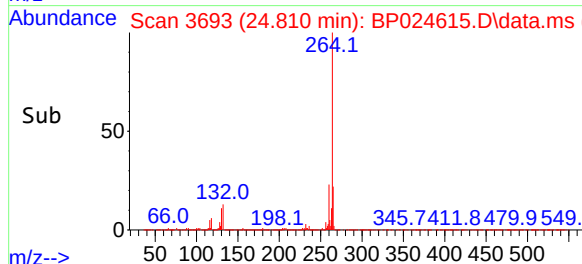
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 264 Resp: 724260
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 22.0 17.0 25.6

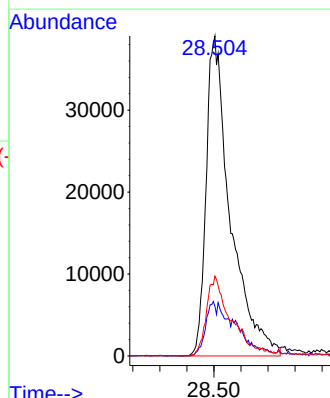
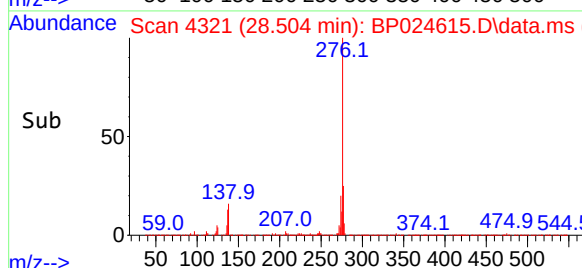
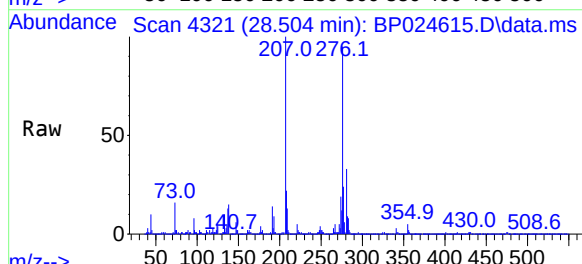
Manual Integrations
APPROVED

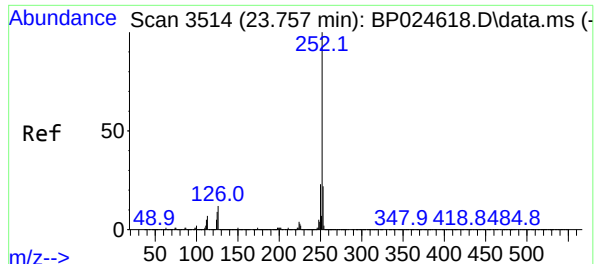
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.59 ng
RT: 28.504 min Scan# 4321
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

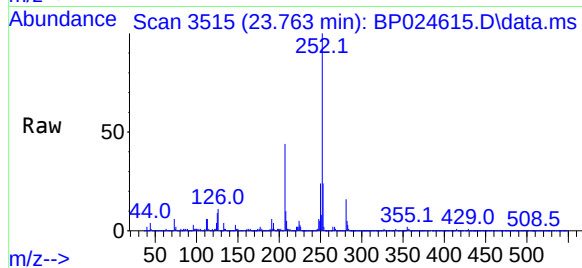
Tgt Ion: 276 Resp: 242814
Ion Ratio Lower Upper
276 100
138 7.4 11.2 16.8#
277 24.4 15.7 23.5#





#88
Benzo(b)fluoranthene
Concen: 4.49 ng
RT: 23.763 min Scan# 3514
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

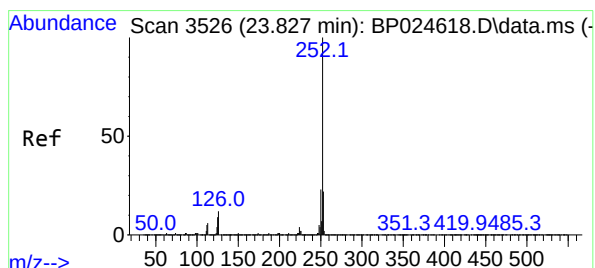
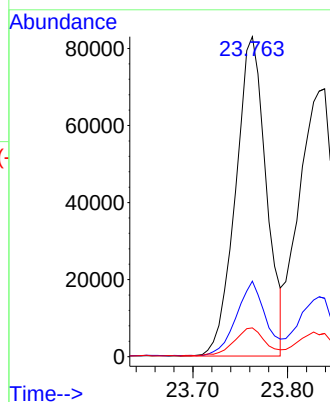
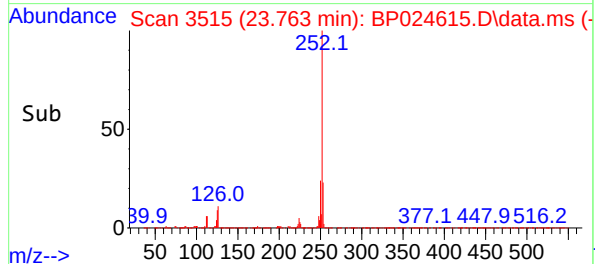
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:252 Resp: 186058
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 9.0 7.5 11.3

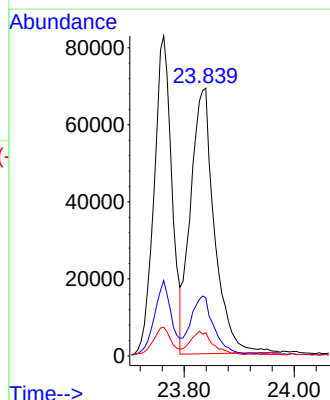
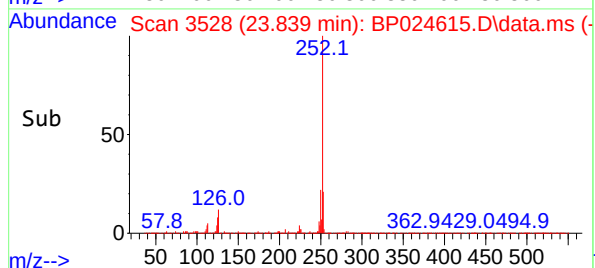
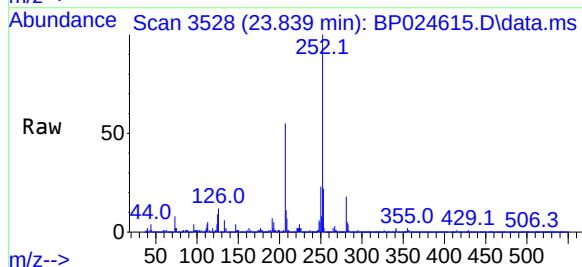
Manual Integrations
APPROVED

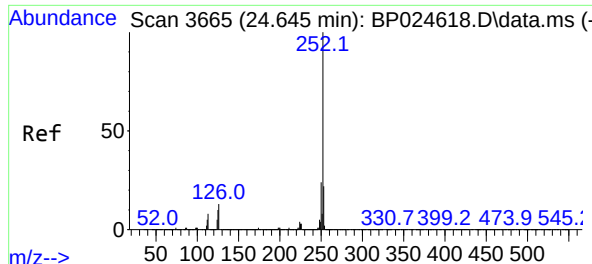
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#89
Benzo(k)fluoranthene
Concen: 4.86 ng
RT: 23.839 min Scan# 3528
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:252 Resp: 207645
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.7 7.0 10.4





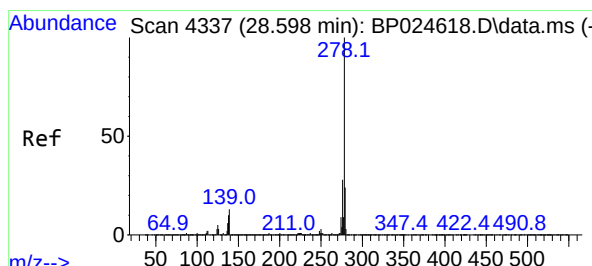
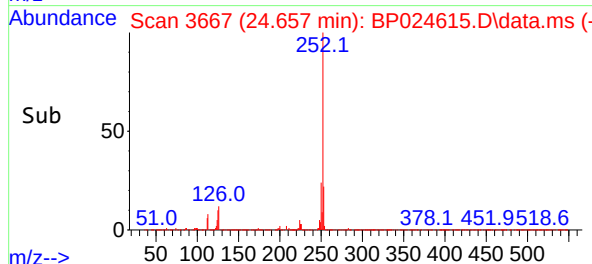
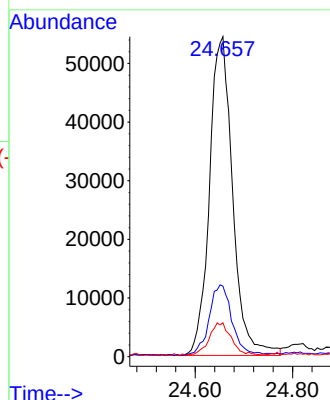
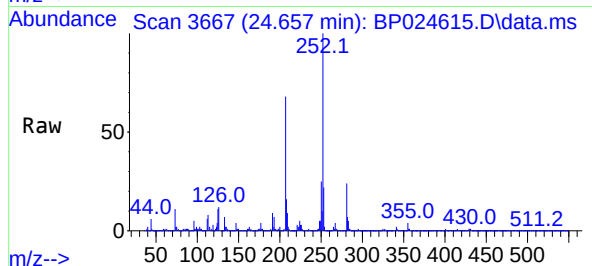
#90
Benzo(a)pyrene
Concen: 4.52 ng
RT: 24.657 min Scan# 30
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 18015
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.6 8.1 12.1

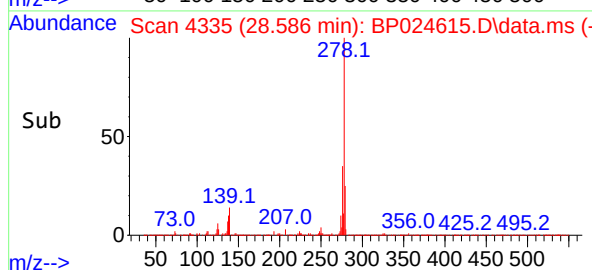
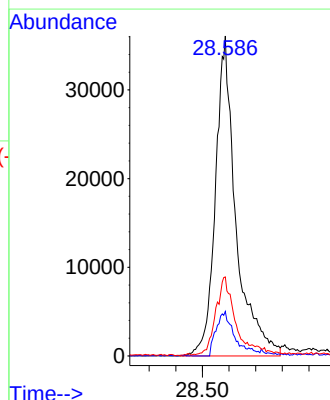
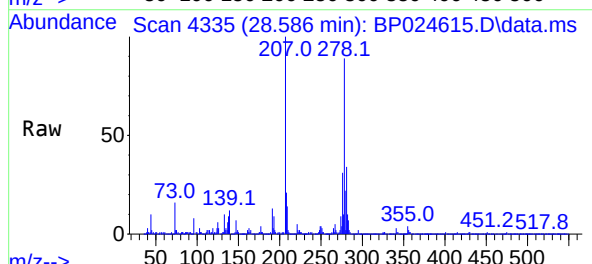
Manual Integrations
APPROVED

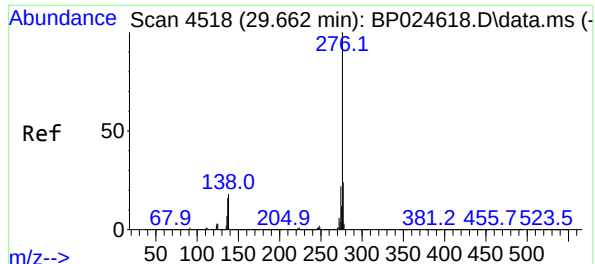
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#91
Dibenzo(a,h)anthracene
Concen: 4.50 ng
RT: 28.586 min Scan# 4335
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:278 Resp: 193373
Ion Ratio Lower Upper
278 100
139 13.9 10.2 15.4
279 24.7 19.0 28.4





#92

Benzo(g,h,i)perylene

Concen: 4.66 ng

RT: 29.651 min Scan# 4516

Delta R.T. -0.012 min

Lab File: BP024615.D

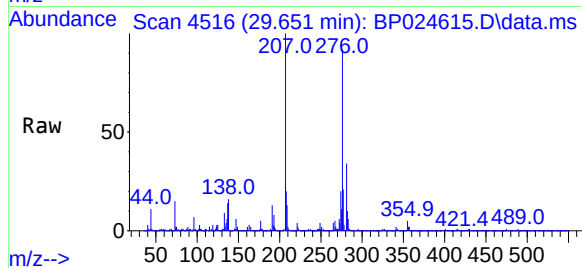
Acq: 13 May 2025 11:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC005



Tgt Ion:276 Resp: 19936

Ion Ratio Lower Upper

276 100

277 22.7 19.0 28.4

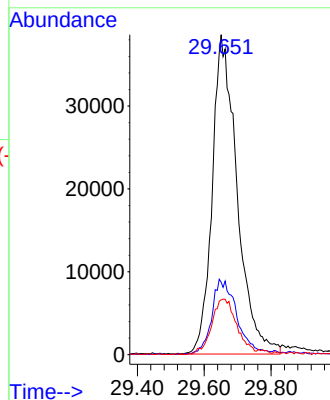
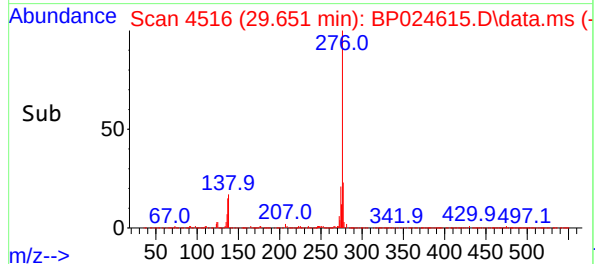
138 17.2 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024616.D
 Acq On : 13 May 2025 12:03
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:04:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	94972	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	398657	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	268335	20.00	ng	-0.01
64) Phenanthrene-d10	17.098	188	556673	20.00	ng	0.00
76) Chrysene-d12	21.516	240	659092	20.00	ng	0.00
86) Perylene-d12	24.798	264	780142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	104115	18.75	ng	0.00
7) Phenol-d6	6.858	99	127652	18.01	ng	0.00
23) Nitrobenzene-d5	8.810	82	149876	19.00	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	86099	18.93	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	401986	19.63	ng	0.00
79) Terphenyl-d14	19.822	244	733687	19.09	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	26472	10.15	ng	99
3) Pyridine	3.634	79	53915	9.33	ng	98
4) n-Nitrosodimethylamine	3.540	42	24093	9.44	ng	# 96
6) Aniline	7.005	93	80863	8.84	ng	99
8) 2-Chlorophenol	7.240	128	57182	9.07	ng	99
9) Benzaldehyde	6.822	77	47848m	10.45	ng	
10) Phenol	6.881	94	66520	9.09	ng	96
11) bis(2-Chloroethyl)ether	7.093	93	55575	9.25	ng	99
12) 1,3-Dichlorobenzene	7.557	146	70590	9.73	ng	100
13) 1,4-Dichlorobenzene	7.699	146	71467	9.80	ng	99
14) 1,2-Dichlorobenzene	8.010	146	69643	9.80	ng	96
15) Benzyl Alcohol	7.916	79	45094	8.37	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	68599	9.53	ng	98
17) 2-Methylphenol	8.116	107	45071	8.59	ng	96
18) Hexachloroethane	8.728	117	28078	10.05	ng	96
19) n-Nitroso-di-n-propyla...	8.463	70	45927	9.37	ng	96
20) 3+4-Methylphenols	8.446	107	61832	8.66	ng	95
22) Acetophenone	8.481	105	95803	9.62	ng	# 99
24) Nitrobenzene	8.857	77	67735	9.76	ng	98
25) Isophorone	9.375	82	127474	9.31	ng	99
26) 2-Nitrophenol	9.563	139	28470	8.37	ng	94
27) 2,4-Dimethylphenol	9.628	122	55664	9.28	ng	98
28) bis(2-Chloroethoxy)met...	9.851	93	78019	9.54	ng	97
29) 2,4-Dichlorophenol	10.110	162	51386	8.84	ng	98
30) 1,2,4-Trichlorobenzene	10.304	180	64245	9.81	ng	96
31) Naphthalene	10.481	128	204468	9.90	ng	99
32) Benzoic acid	9.746	122	17770m	10.42	ng	
33) 4-Chloroaniline	10.610	127	73990	8.88	ng	99
34) Hexachlorobutadiene	10.769	225	42567	10.03	ng	97
35) Caprolactam	11.381	113	18245m	8.68	ng	
36) 4-Chloro-3-methylphenol	11.746	107	64857	9.15	ng	98
37) 2-Methylnaphthalene	12.098	142	130412	9.75	ng	100
38) 1-Methylnaphthalene	12.316	142	139573	9.75	ng	100
40) 1,2,4,5-Tetrachloroben...	12.475	216	74824	9.60	ng	100
41) Hexachlorocyclopentadiene	12.451	237	37072	7.85	ng	98
43) 2,4,6-Trichlorophenol	12.722	196	45798	9.07	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024616.D
 Acq On : 13 May 2025 12:03
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:04:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	50348	8.96	ng	94
46) 1,1'-Biphenyl	13.122	154	192445	9.70	ng	100
47) 2-Chloronaphthalene	13.163	162	148443	9.82	ng	99
48) 2-Nitroaniline	13.375	65	40786	9.11	ng	93
49) Acenaphthylene	14.010	152	243913	9.64	ng	98
50) Dimethylphthalate	13.751	163	204825	10.01	ng	99
51) 2,6-Dinitrotoluene	13.869	165	41257	9.55	ng	92
52) Acenaphthene	14.357	154	141360	9.72	ng	99
53) 3-Nitroaniline	14.216	138	36906	8.37	ng	99
54) 2,4-Dinitrophenol	14.439	184	13128	10.84	ng	95
55) Dibenzofuran	14.704	168	230286	9.92	ng	99
56) 4-Nitrophenol	14.575	139	21349	9.53	ng	93
57) 2,4-Dinitrotoluene	14.675	165	56617	9.30	ng	94
58) Fluorene	15.357	166	189781	10.03	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.939	232	48821	9.37	ng	99
60) Diethylphthalate	15.134	149	206886	10.01	ng	99
61) 4-Chlorophenyl-phenyle...	15.357	204	93517	9.91	ng	97
62) 4-Nitroaniline	15.404	138	34813m	8.11	ng	
63) Azobenzene	15.657	77	174322	9.86	ng	98
65) 4,6-Dinitro-2-methylph...	15.457	198	26174	7.28	ng	96
66) n-Nitrosodiphenylamine	15.575	169	164008	9.59	ng	99
67) 4-Bromophenyl-phenylether	16.269	248	62011	9.45	ng	97
68) Hexachlorobenzene	16.392	284	80088	9.61	ng	98
69) Atrazine	16.551	200	58245	9.30	ng	99
70) Pentachlorophenol	16.757	266	38095m	8.14	ng	
71) Phenanthrene	17.139	178	301863	9.75	ng	100
72) Anthracene	17.239	178	296146	9.51	ng	100
73) Carbazole	17.522	167	262687	9.32	ng	100
74) Di-n-butylphthalate	18.116	149	338893	9.35	ng	100
75) Fluoranthene	19.227	202	349083	9.65	ng	99
77) Benzidine	19.445	184	119229m	6.59	ng	
78) Pyrene	19.604	202	374573	9.48	ng	100
80) Butylbenzylphthalate	20.551	149	153275	8.73	ng	99
81) Benzo(a)anthracene	21.498	228	401322	9.70	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	129324	8.41	ng	99
83) Chrysene	21.569	228	388846	9.91	ng	98
84) Bis(2-ethylhexyl)phtha...	21.439	149	225047	8.72	ng	100
85) Di-n-octyl phthalate	22.680	149	367934	8.72	ng	100
87) Indeno(1,2,3-cd)pyrene	28.503	276	529260	9.29	ng	# 92
88) Benzo(b)fluoranthene	23.751	252	417343	9.35	ng	99
89) Benzo(k)fluoranthene	23.821	252	431575	9.38	ng	99
90) Benzo(a)pyrene	24.627	252	390288	9.10	ng	100
91) Dibenzo(a,h)anthracene	28.574	278	415768	8.97	ng	99
92) Benzo(g,h,i)perylene	29.650	276	431559	9.37	ng	97

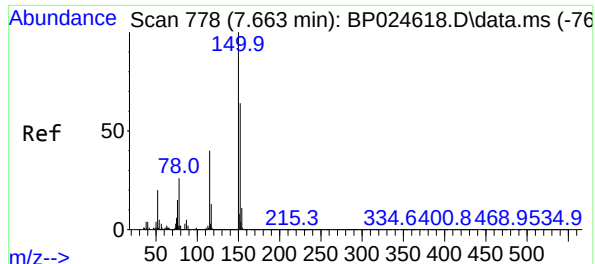
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

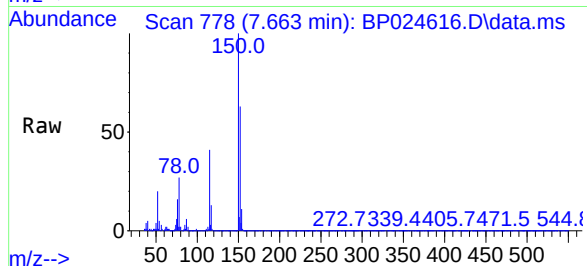
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jaagrut Upadhyay 05/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

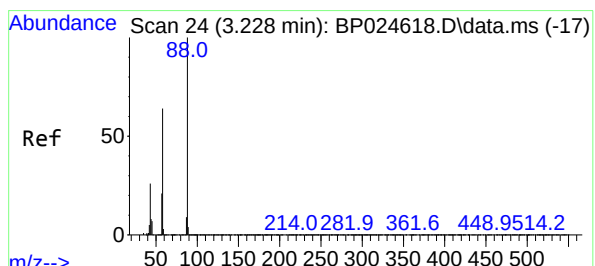
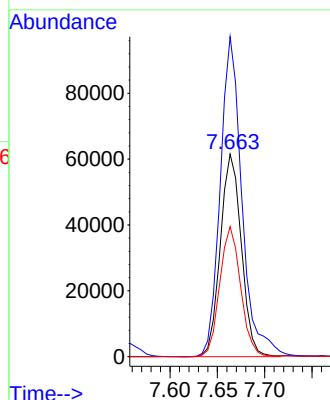
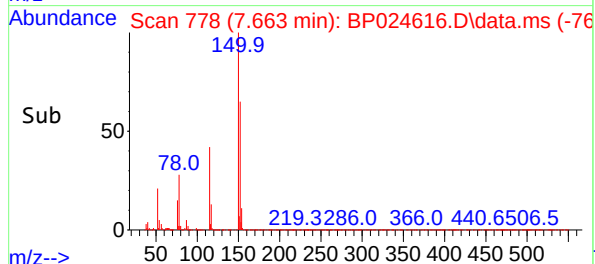
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 94972
Ion Ratio Lower Upper
152 100
150 158.0 125.9 188.9
115 64.2 50.1 75.1

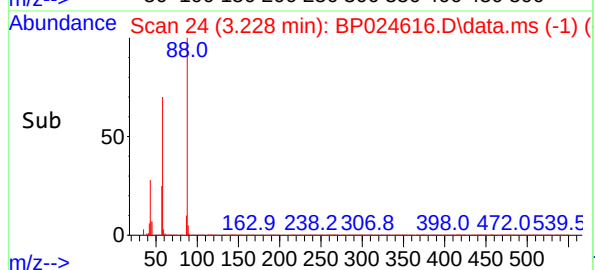
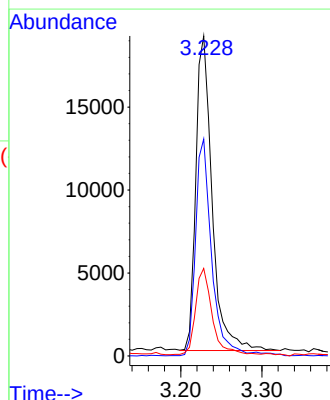
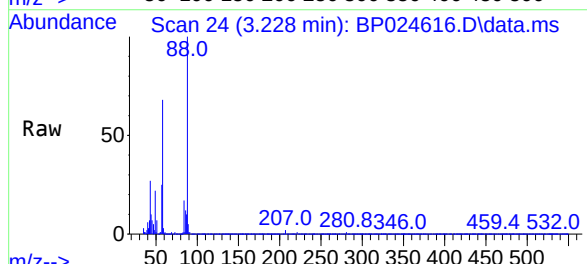
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

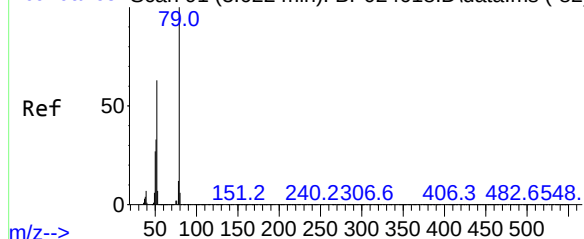


#2
1,4-Dioxane
Concen: 10.15 ng
RT: 3.228 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 88 Resp: 26472
Ion Ratio Lower Upper
88 100
58 67.6 54.0 81.0
43 27.8 21.4 32.0



Abundance Scan 91 (3.622 min): BP024618.D\data.ms (-82)



#3

Pyridine

Concen: 9.33 ng

RT: 3.634 min Scan# 91

Delta R.T. 0.012 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 5391

Ion Ratio Lower Upper

79 100

52 62.8 50.2 75.2

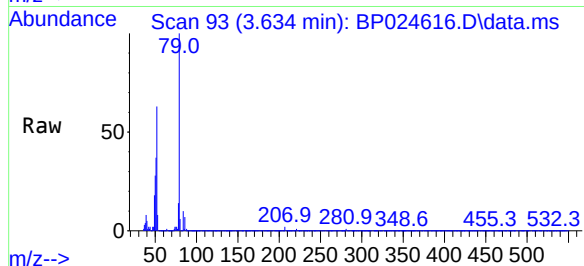
51 37.1 26.8 40.2

Manual Integrations

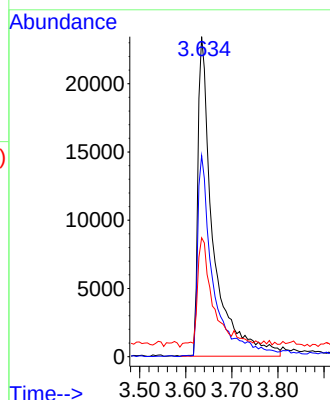
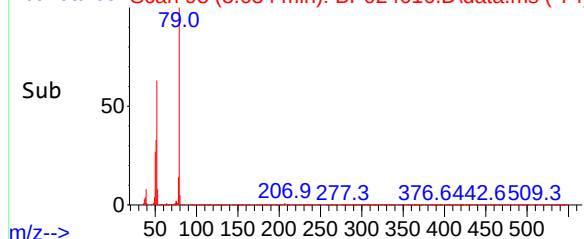
APPROVED

Reviewed By :Rahul Chavli 05/14/2025

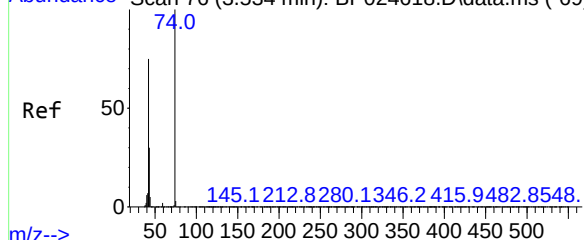
Supervised By :Jagrut Upadhyay 05/14/2025



Abundance Scan 93 (3.634 min): BP024616.D\data.ms (-74)



Abundance Scan 76 (3.534 min): BP024618.D\data.ms (-69)



#4

n-Nitrosodimethylamine

Concen: 9.44 ng

RT: 3.540 min Scan# 77

Delta R.T. 0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

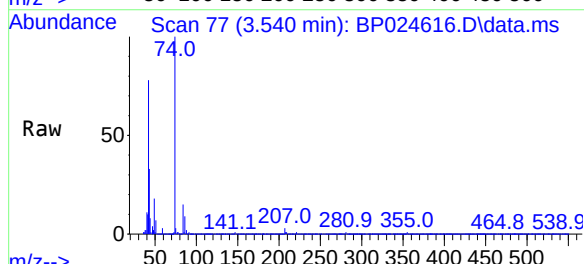
Tgt Ion: 42 Resp: 24093

Ion Ratio Lower Upper

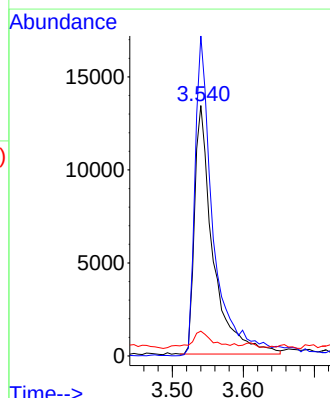
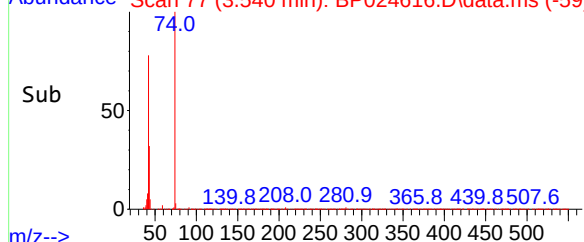
42 100

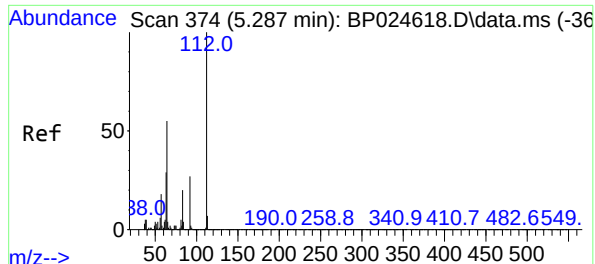
74 127.8 106.2 159.2

44 9.9 5.4 8.2



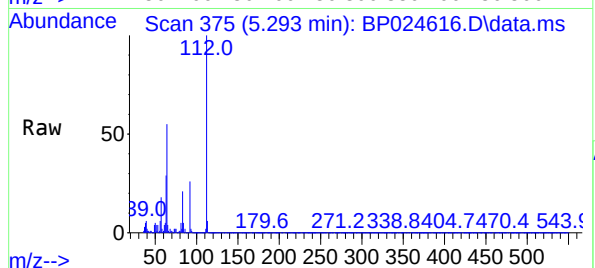
Abundance Scan 77 (3.540 min): BP024616.D\data.ms (-59)





#5
2-Fluorophenol
Concen: 18.75 ng
RT: 5.293 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

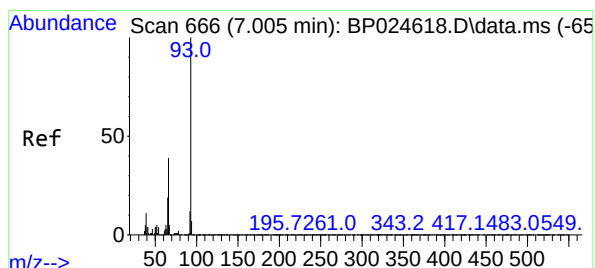
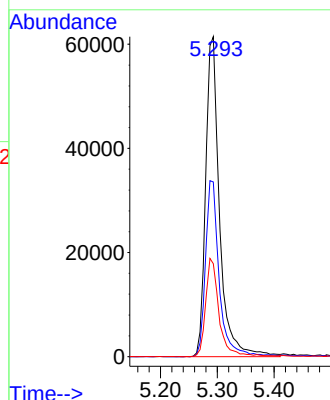
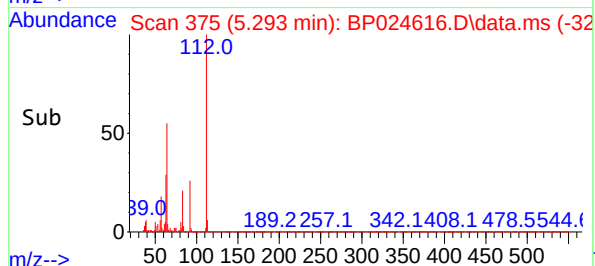
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 112 Resp: 10411
Ion Ratio Lower Upper
112 100
64 54.6 44.1 66.1
63 29.0 23.5 35.3

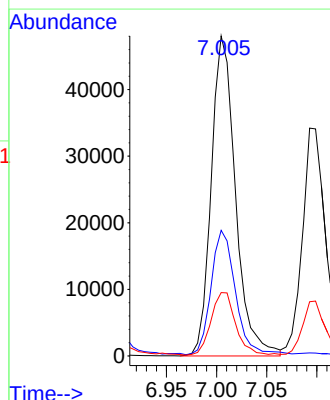
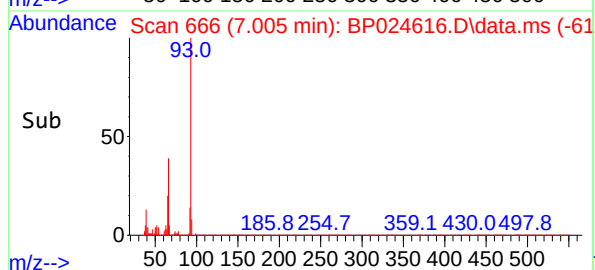
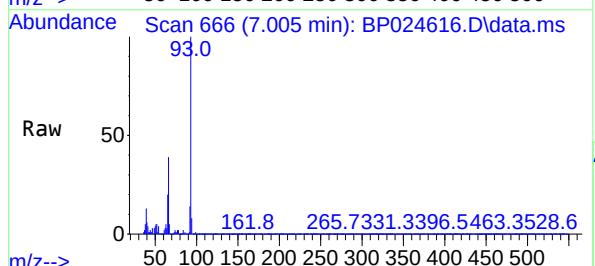
Manual Integrations
APPROVED

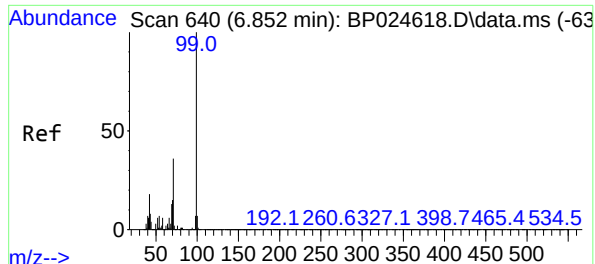
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#6
Aniline
Concen: 8.84 ng
RT: 7.005 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

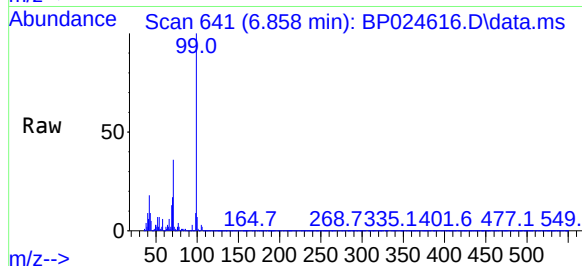
Tgt Ion: 93 Resp: 80863
Ion Ratio Lower Upper
93 100
66 39.2 31.0 46.6
65 19.8 15.5 23.3





#7
Phenol-d6
Concen: 18.01 ng
RT: 6.858 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

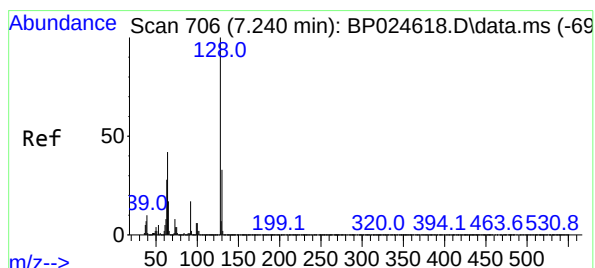
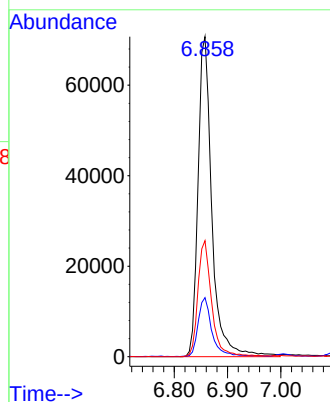
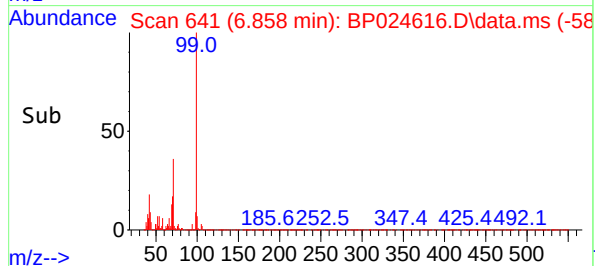
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 99 Resp: 127652
Ion Ratio Lower Upper
99 100
42 18.4 14.4 21.6
71 36.3 29.2 43.8

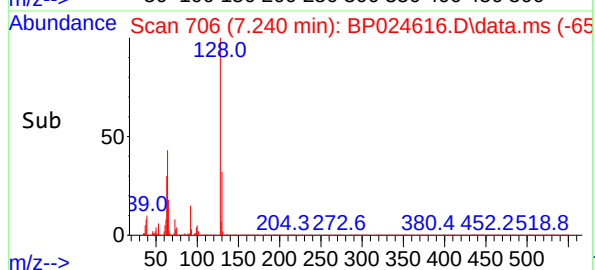
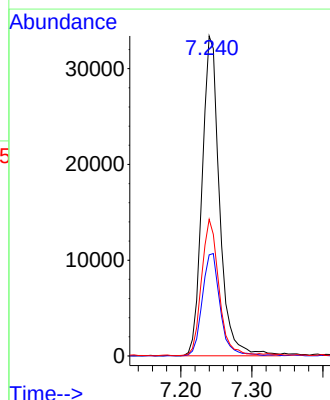
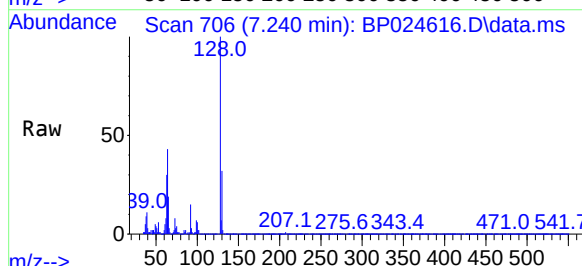
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

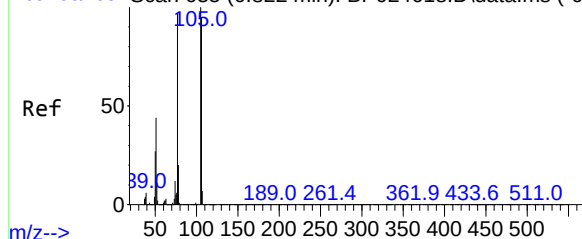


#8
2-Chlorophenol
Concen: 9.07 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:128 Resp: 57182
Ion Ratio Lower Upper
128 100
130 31.6 13.0 53.0
64 42.7 22.3 62.3



Abundance Scan 635 (6.822 min): BP024618.D\data.ms (-62



#9

Benzaldehyde

Concen: 10.45 ng m

RT: 6.822 min Scan# 61

Delta R.T. -0.000 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 4784

Ion Ratio Lower Upper

77 100

105 106.2 83.3 123.3

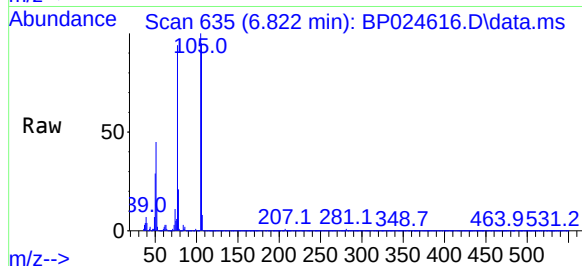
106 100.5 78.0 118.0

Manual Integrations

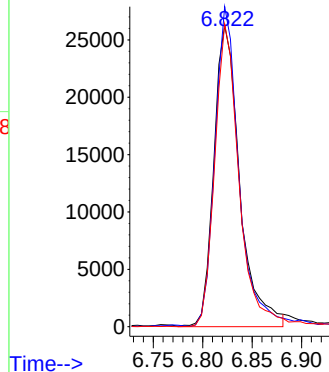
APPROVED

Reviewed By :Rahul Chavli 05/14/2025

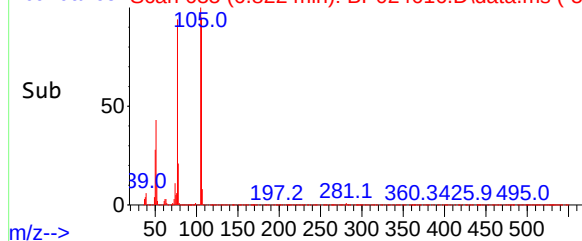
Supervised By :Jagrut Upadhyay 05/14/2025



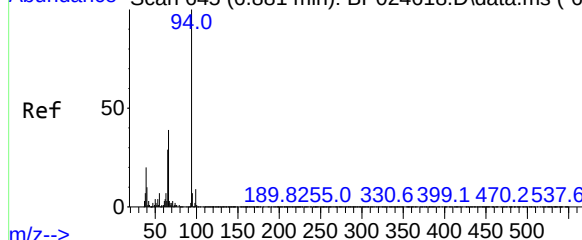
Abundance



Abundance Scan 635 (6.822 min): BP024616.D\data.ms (-58



Abundance Scan 645 (6.881 min): BP024618.D\data.ms (-63



#10

Phenol

Concen: 9.09 ng

RT: 6.881 min Scan# 645

Delta R.T. -0.000 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

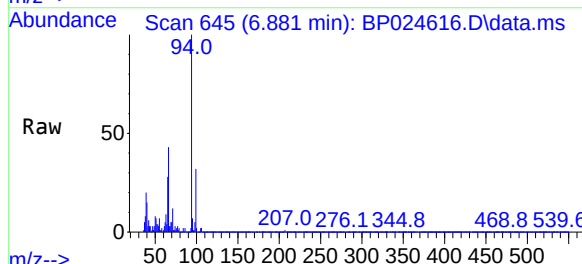
Tgt Ion: 94 Resp: 66520

Ion Ratio Lower Upper

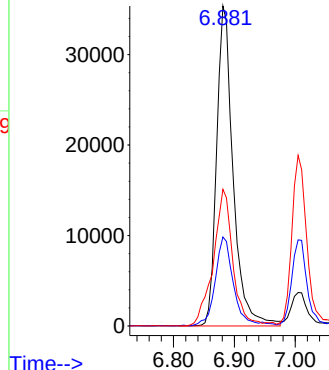
94 100

65 27.8 8.7 48.7

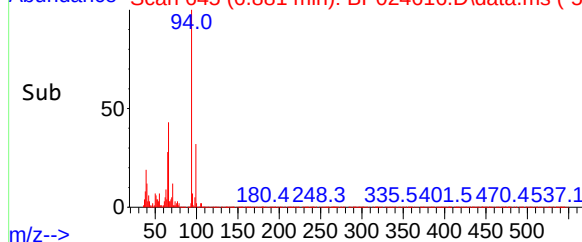
66 42.7 19.4 59.4

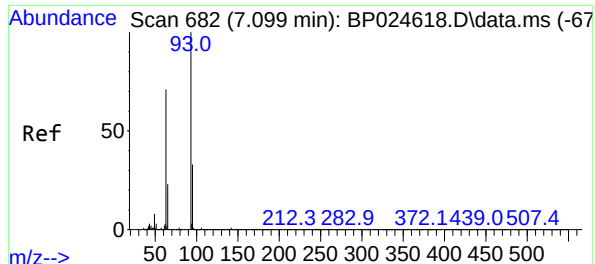


Abundance



Abundance Scan 645 (6.881 min): BP024616.D\data.ms (-59





#11

bis(2-Chloroethyl)ether

Concen: 9.25 ng

RT: 7.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 5557

Ion Ratio Lower Upper

93 100

63 69.5 50.6 90.6

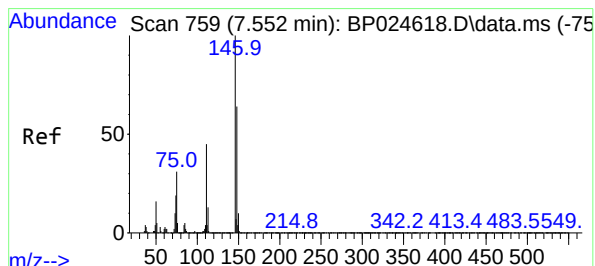
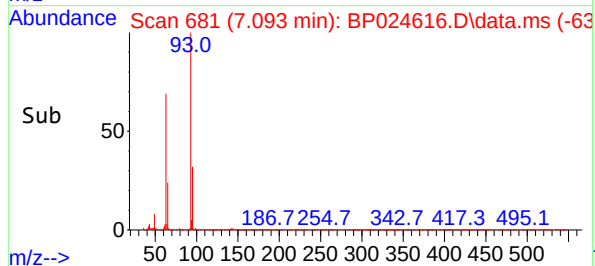
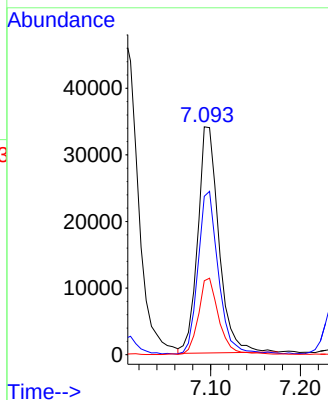
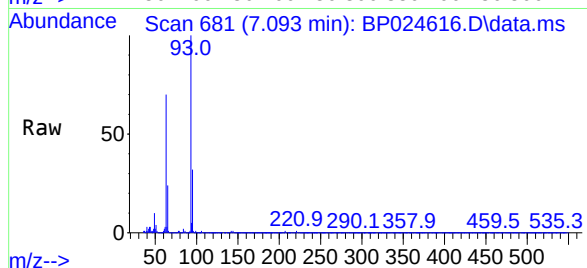
95 32.4 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#12

1,3-Dichlorobenzene

Concen: 9.73 ng

RT: 7.557 min Scan# 760

Delta R.T. 0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

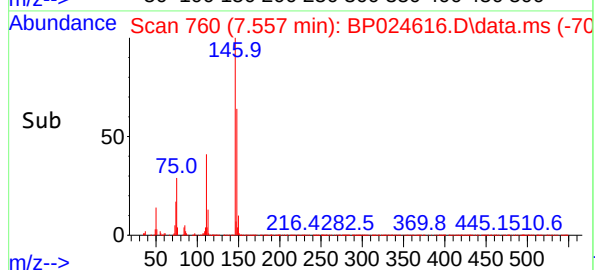
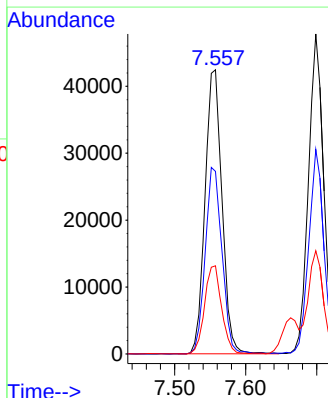
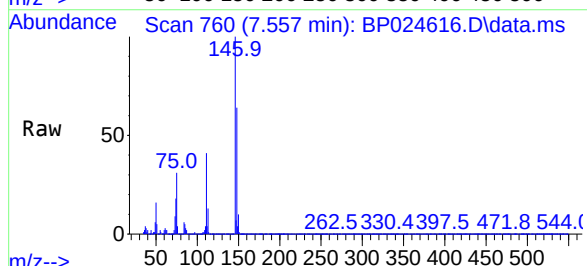
Tgt Ion:146 Resp: 70590

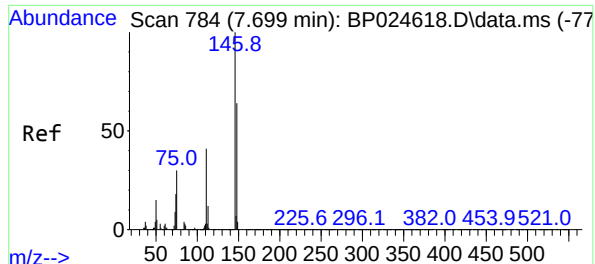
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.2

75 31.1 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 9.80 ng

RT: 7.699 min Scan# 7146

Delta R.T. -0.000 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 7146

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

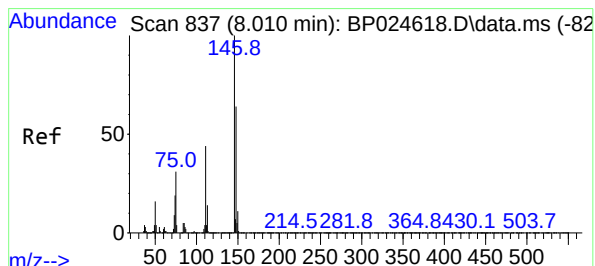
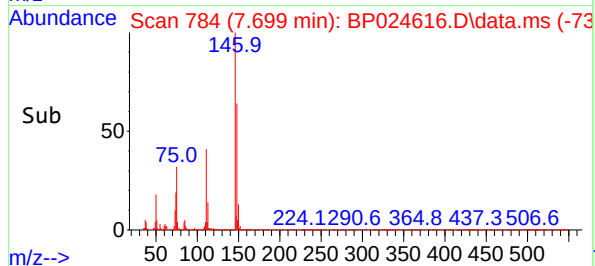
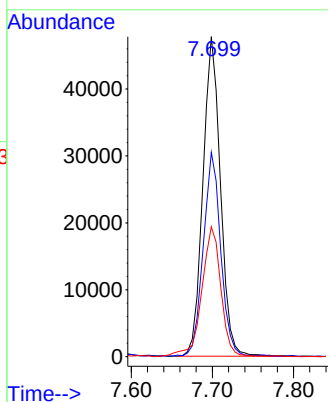
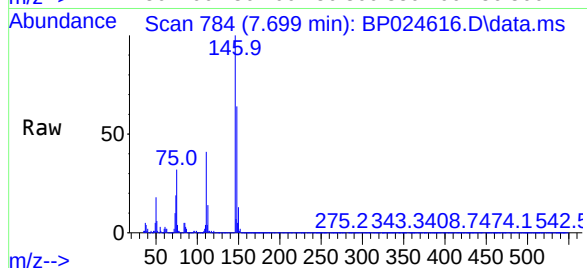
111 40.6 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#14

1,2-Dichlorobenzene

Concen: 9.80 ng

RT: 8.010 min Scan# 837

Delta R.T. -0.000 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

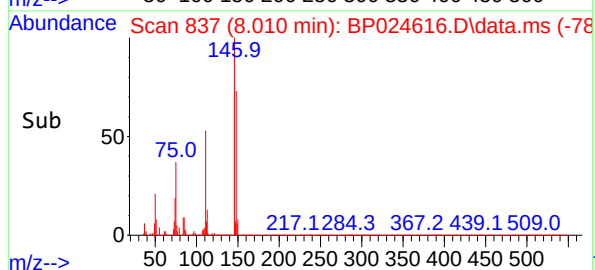
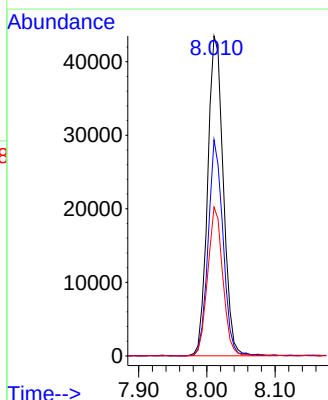
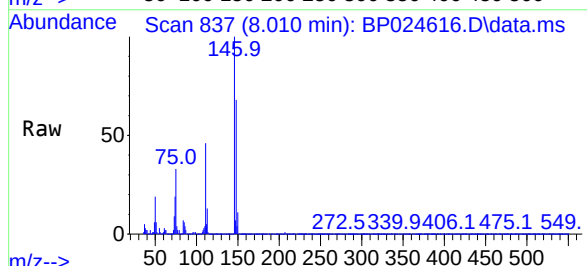
Tgt Ion:146 Resp: 69643

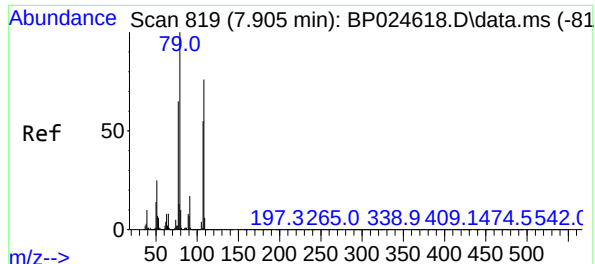
Ion Ratio Lower Upper

146 100

148 67.5 51.0 76.4

111 46.5 35.2 52.8





#15

Benzyl Alcohol

Concen: 8.37 ng

RT: 7.916 min Scan# 81

Delta R.T. 0.012 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

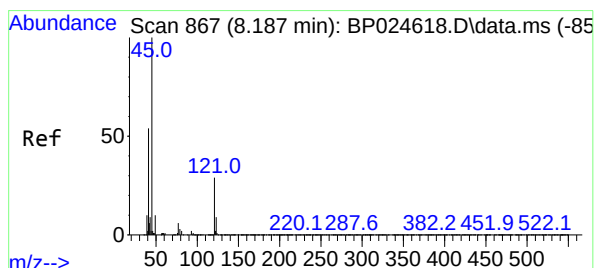
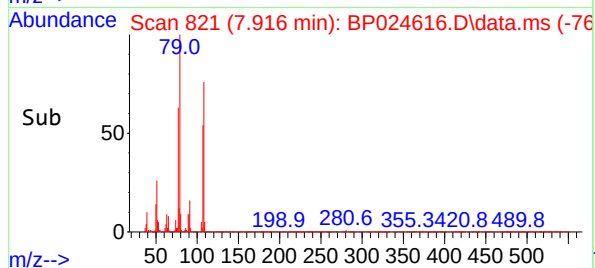
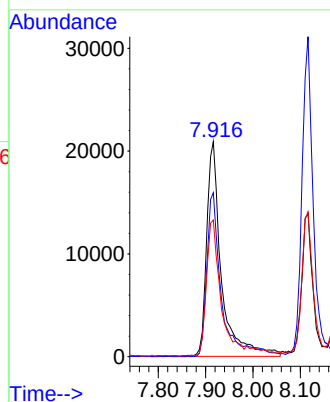
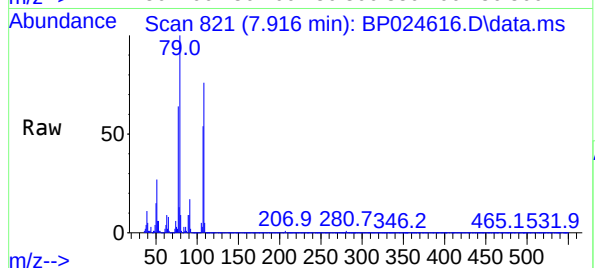
Tgt Ion: 79	Resp: 45094
Ion Ratio	Lower Upper
79 100	
108 76.3	60.8 91.2
77 63.5	51.9 77.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.53 ng

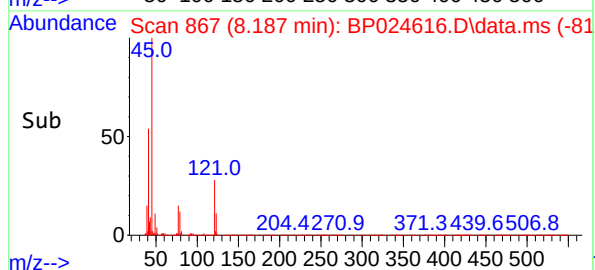
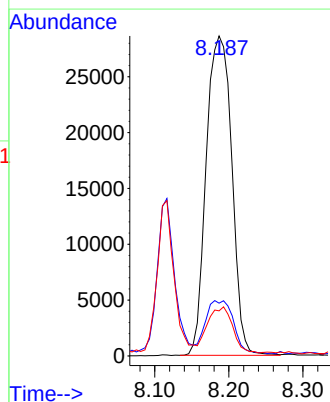
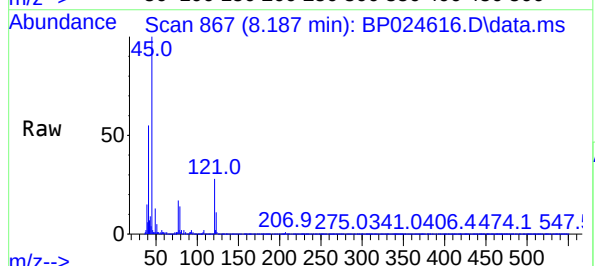
RT: 8.187 min Scan# 867

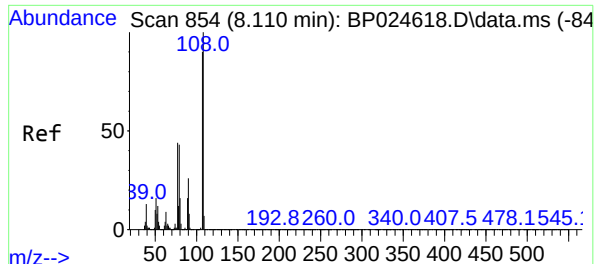
Delta R.T. -0.000 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Tgt Ion: 45	Resp: 68599
Ion Ratio	Lower Upper
45 100	
77 16.5	0.0 37.7
79 14.1	0.0 34.0





#17

2-Methylphenol

Concen: 8.59 ng

RT: 8.116 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:107 Resp: 4507

Ion Ratio Lower Upper

107 100

108 114.4 88.9 133.3

77 51.8 39.0 58.6

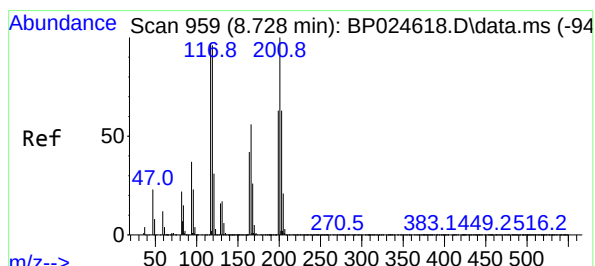
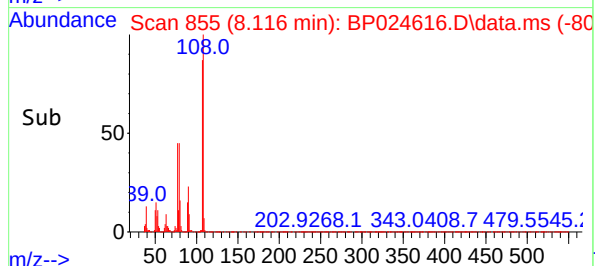
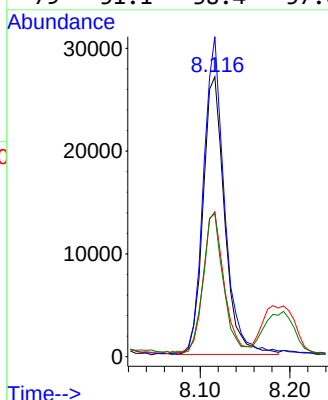
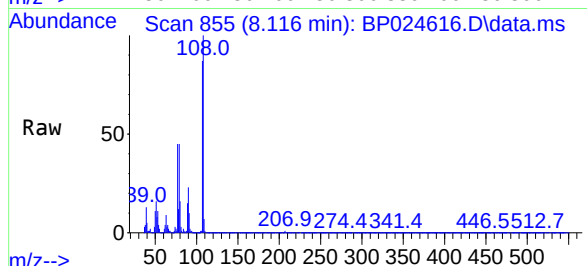
79 51.1 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#18

Hexachloroethane

Concen: 10.05 ng

RT: 8.728 min Scan# 959

Delta R.T. -0.000 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

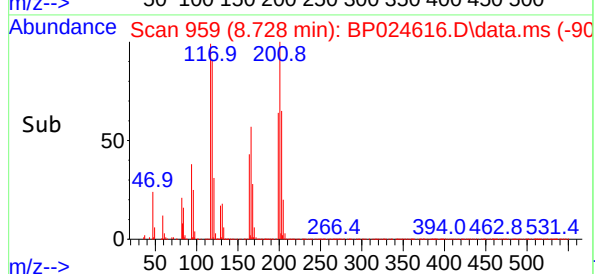
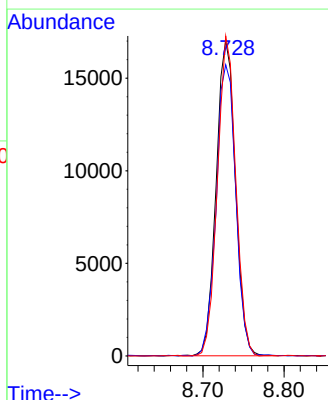
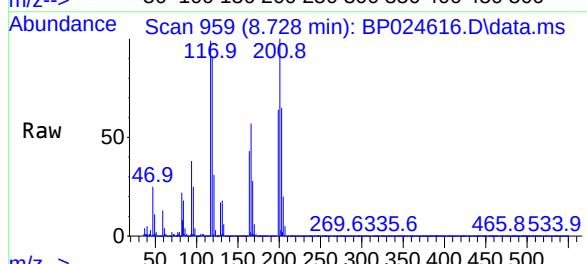
Tgt Ion:117 Resp: 28078

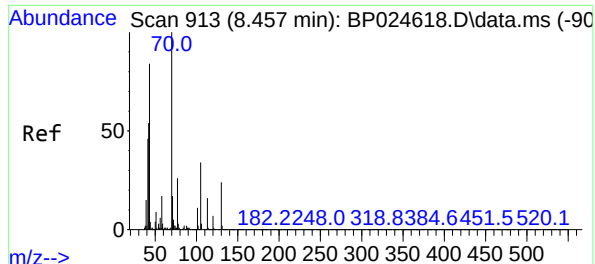
Ion Ratio Lower Upper

117 100

119 92.3 79.4 119.0

201 101.4 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 9.37 ng

RT: 8.463 min Scan# 913

Delta R.T. 0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 4592

Ion Ratio Lower Upper

70 100

42 58.2 43.0 64.6

101 11.2 8.7 13.1

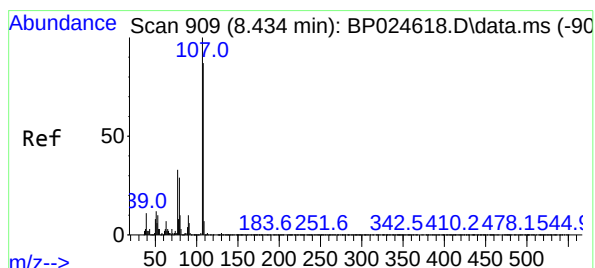
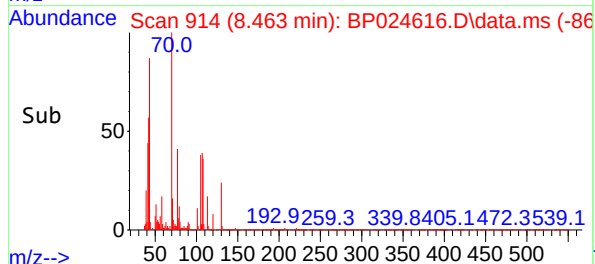
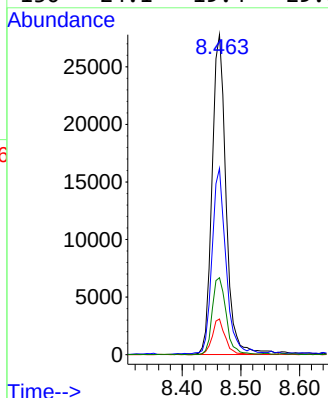
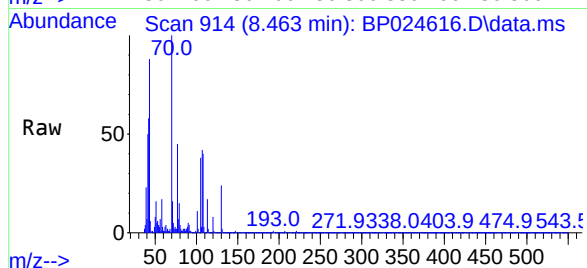
130 24.1 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#20

3+4-Methylphenols

Concen: 8.66 ng

RT: 8.446 min Scan# 911

Delta R.T. 0.012 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Tgt Ion:107 Resp: 61832

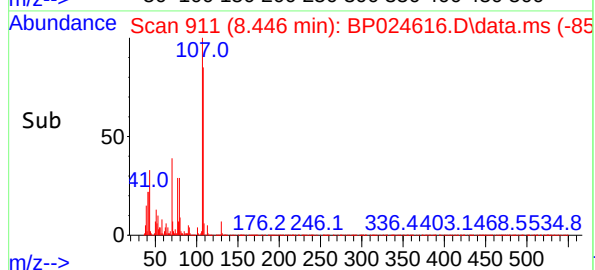
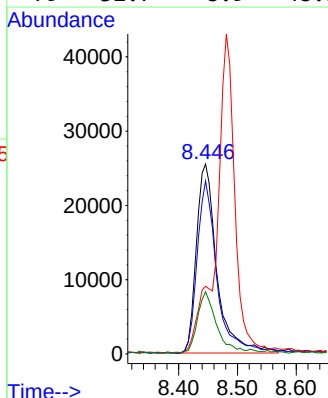
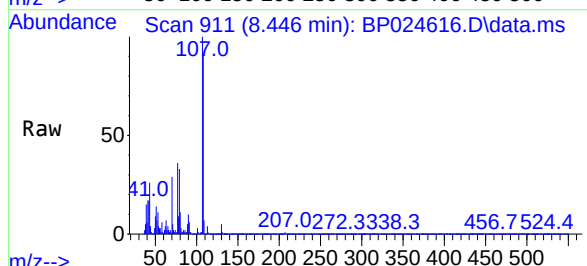
Ion Ratio Lower Upper

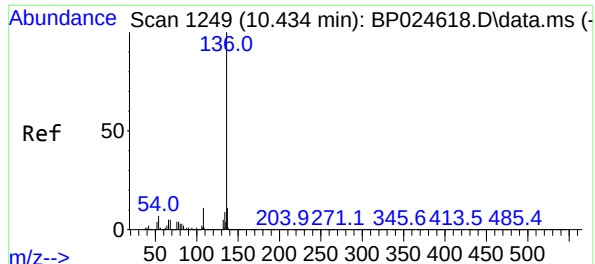
107 100

108 91.0 66.7 106.7

77 35.6 13.1 53.1

79 32.7 8.9 48.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.434 min Scan# 1249

Delta R.T. -0.000 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 39865

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 6.7 5.5 8.3

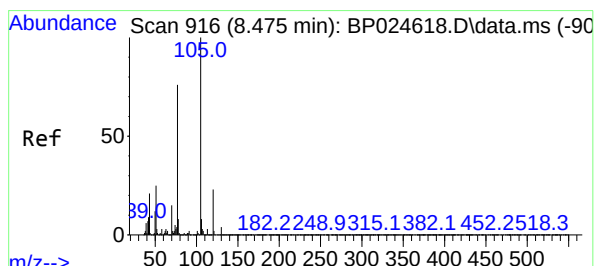
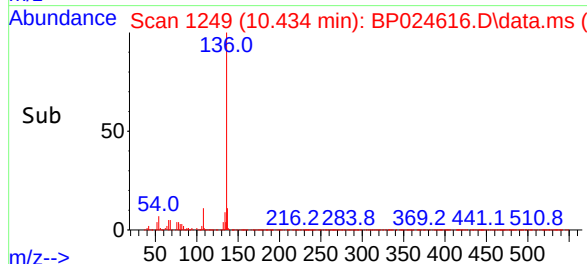
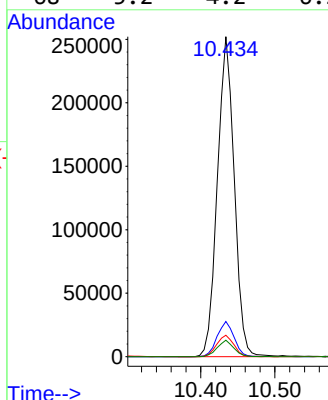
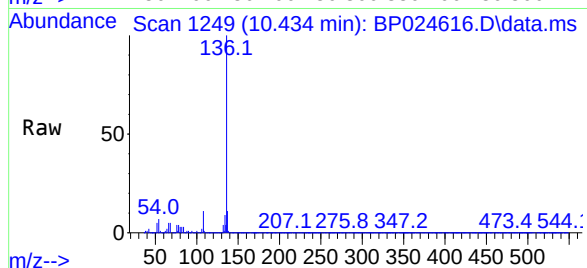
68 5.2 4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#22

Acetophenone

Concen: 9.62 ng

RT: 8.481 min Scan# 917

Delta R.T. 0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Tgt Ion:105 Resp: 95803

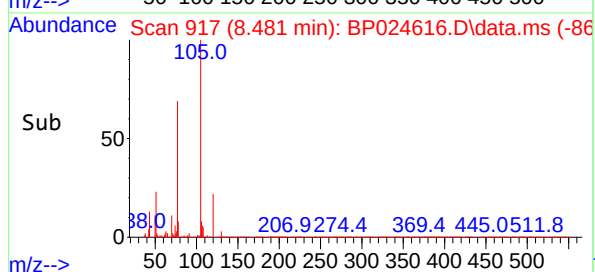
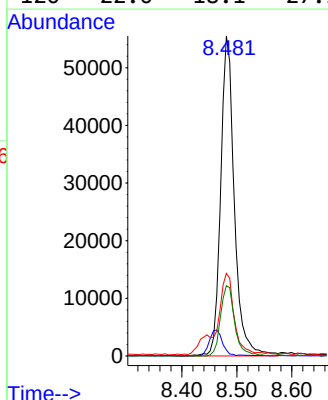
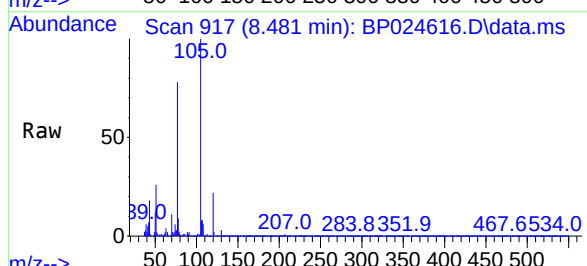
Ion Ratio Lower Upper

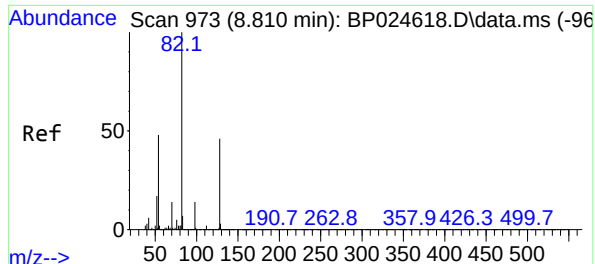
105 100

71 1.9 2.0 3.0#

51 25.8 20.4 30.6

120 22.0 18.1 27.1





#23

Nitrobenzene-d5

Concen: 19.00 ng

RT: 8.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 149870

Ion Ratio Lower Upper

82 100

128 44.1 37.0 55.4

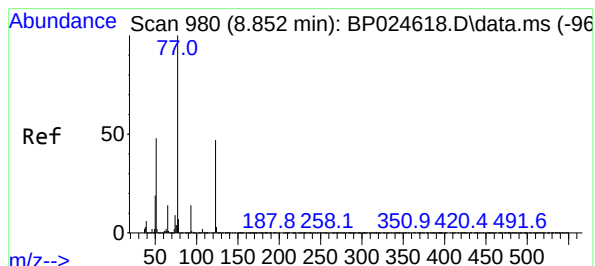
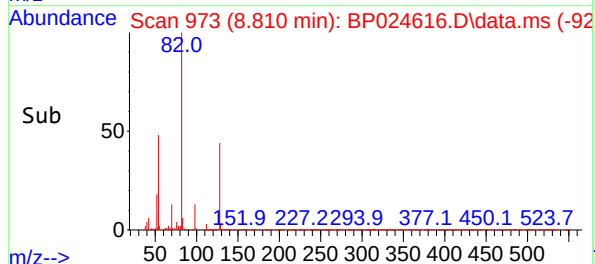
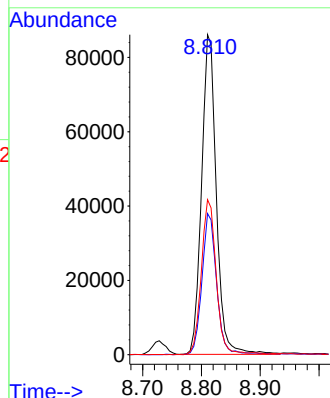
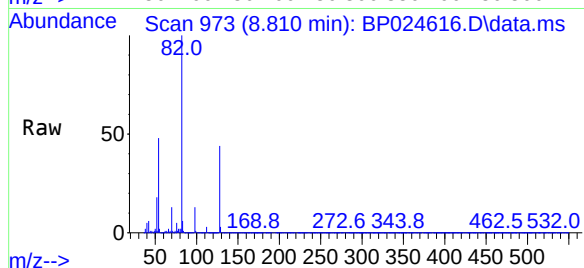
54 48.5 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#24

Nitrobenzene

Concen: 9.76 ng

RT: 8.857 min Scan# 981

Delta R.T. 0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

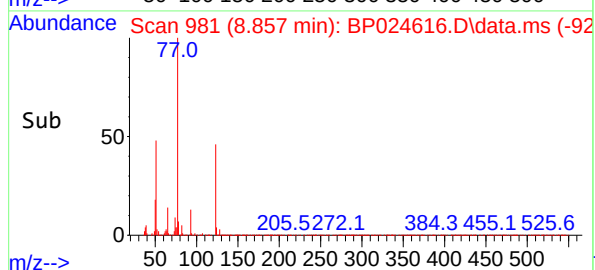
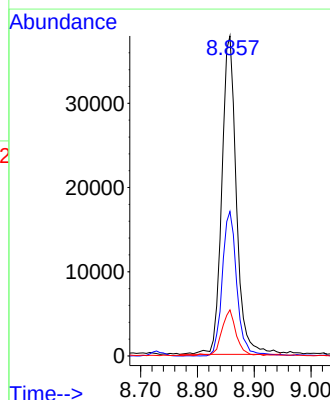
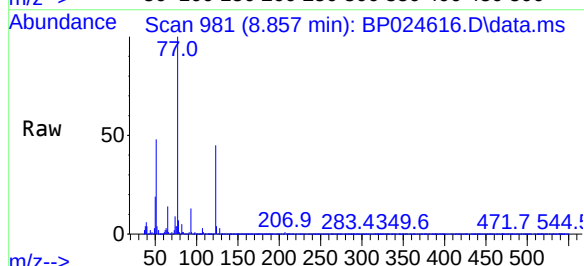
Tgt Ion: 77 Resp: 67735

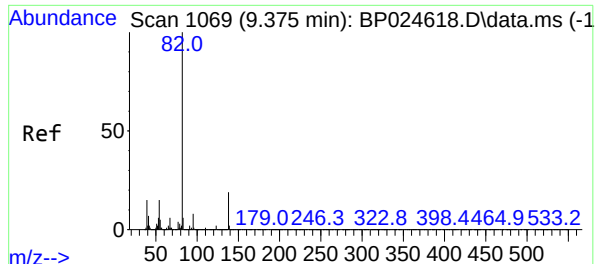
Ion Ratio Lower Upper

77 100

123 45.2 37.4 56.0

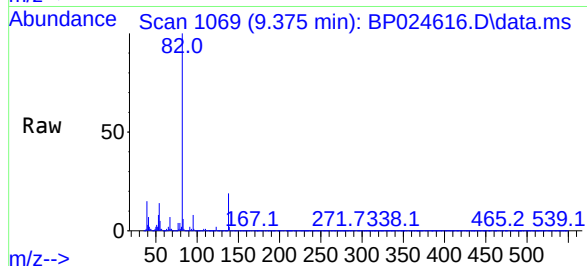
65 14.4 11.3 16.9





#25
Isophorone
Concen: 9.31 ng
RT: 9.375 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

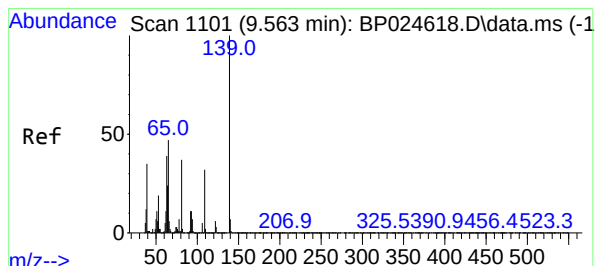
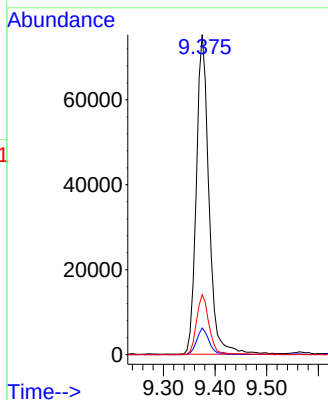
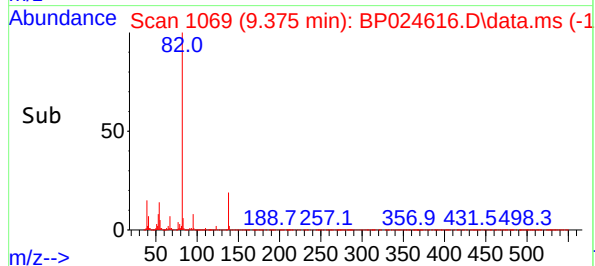
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 127474
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 18.7 15.3 22.9

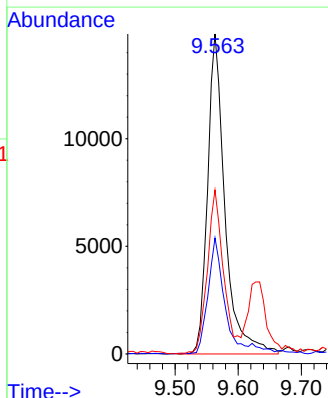
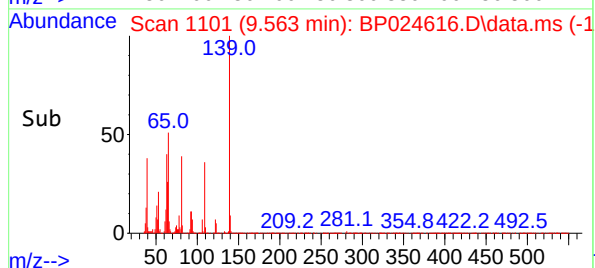
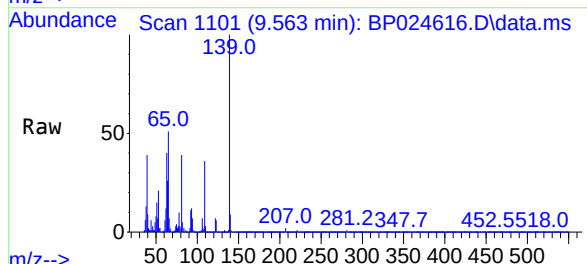
Manual Integrations
APPROVED

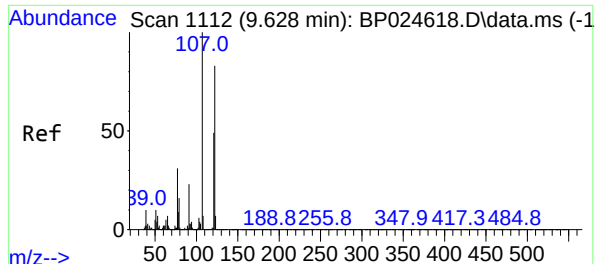
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#26
2-Nitrophenol
Concen: 8.37 ng
RT: 9.563 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:139 Resp: 28470
Ion Ratio Lower Upper
139 100
109 36.2 25.9 38.9
65 51.3 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 9.28 ng

RT: 9.628 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

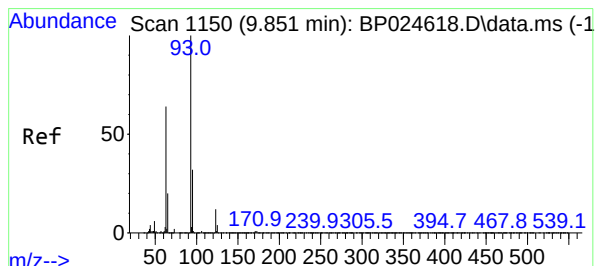
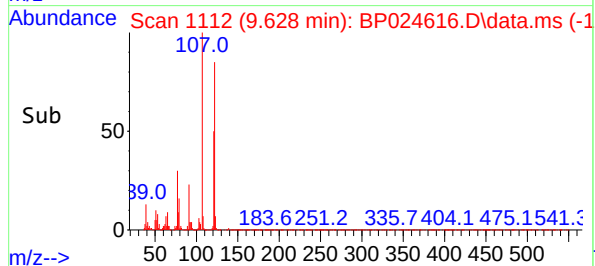
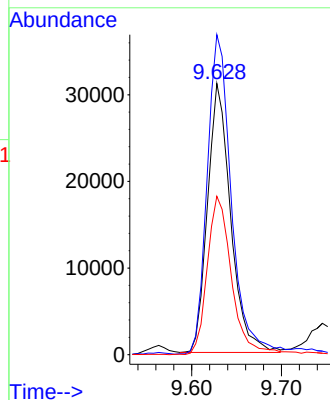
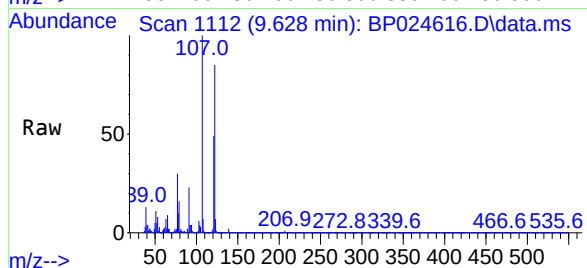
Tgt Ion:	122	Resp:	5566
Ion	Ratio	Lower	Upper
122	100		
107	118.0	96.2	144.2
121	58.4	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 9.54 ng

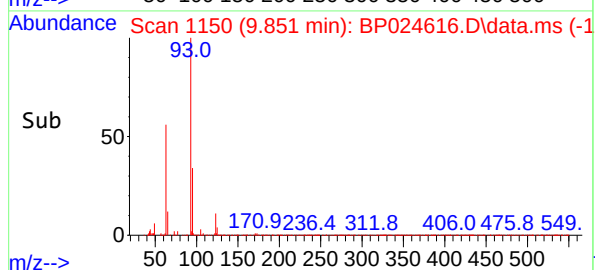
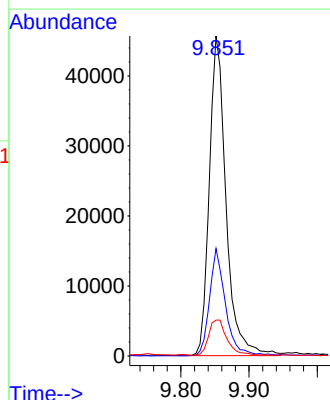
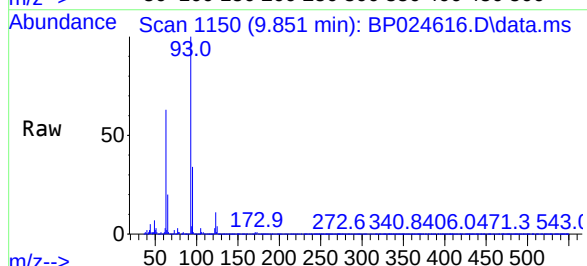
RT: 9.851 min Scan# 1150

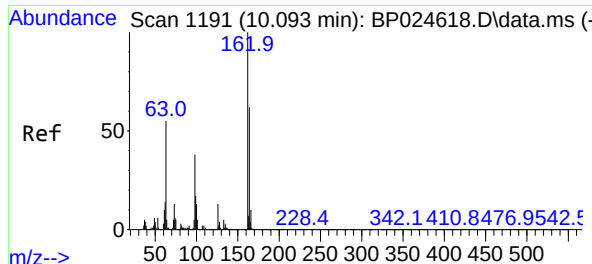
Delta R.T. -0.000 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Tgt Ion:	93	Resp:	78019
Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.5	38.3
123	11.2	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 8.84 ng

RT: 10.110 min Scan# 1191

Delta R.T. 0.018 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 5138

Ion Ratio Lower Upper

162 100

164 61.7 42.3 82.3

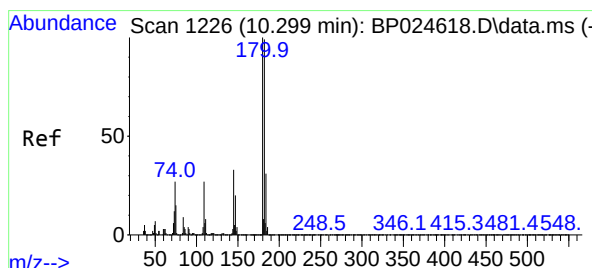
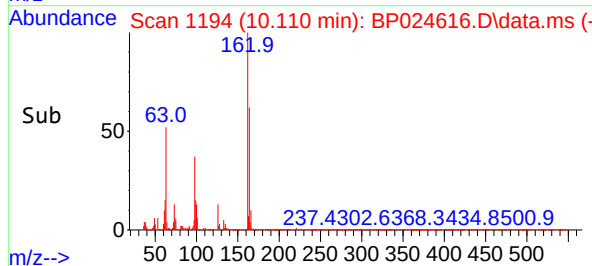
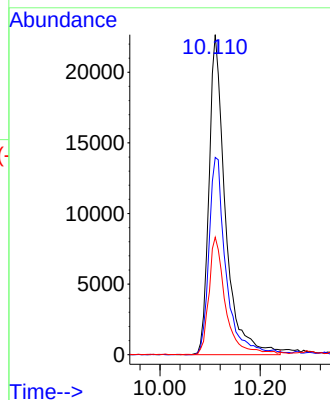
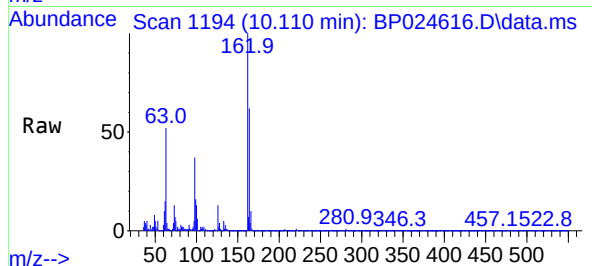
98 36.7 18.4 58.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 9.81 ng

RT: 10.304 min Scan# 1227

Delta R.T. 0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

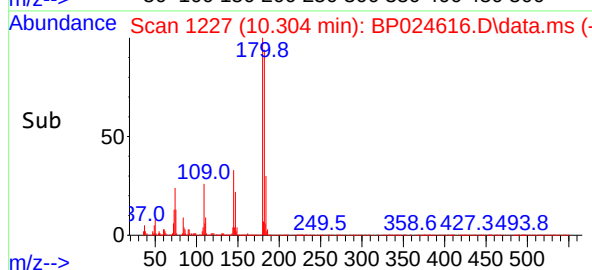
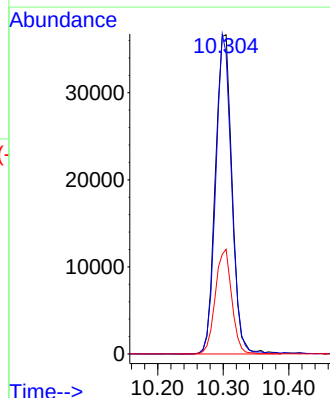
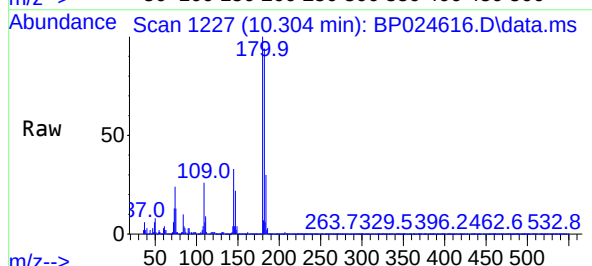
Tgt Ion:180 Resp: 64245

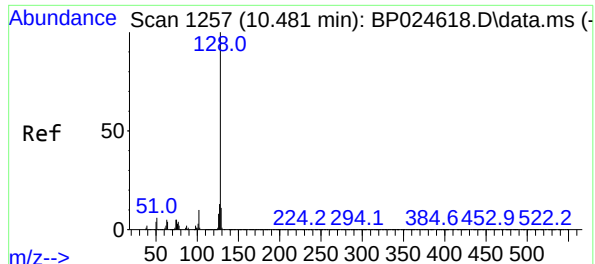
Ion Ratio Lower Upper

180 100

182 94.1 79.0 118.4

145 32.8 26.6 39.8





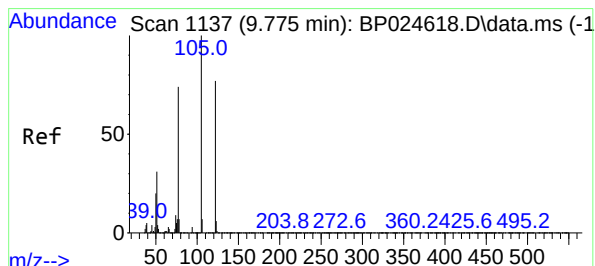
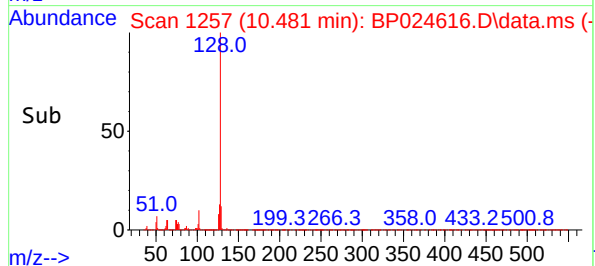
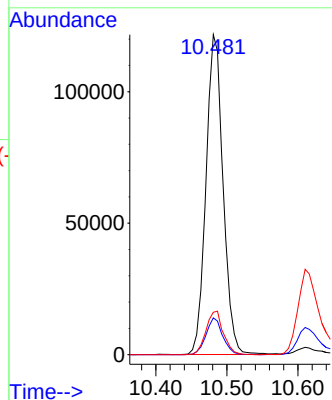
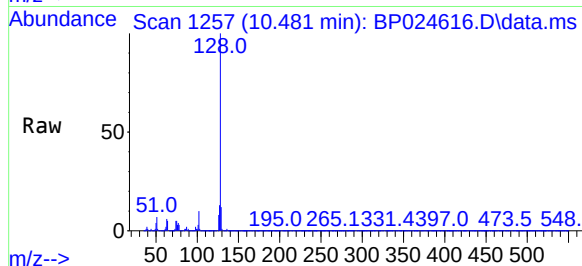
#31
Naphthalene
Concen: 9.90 ng
RT: 10.481 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 204468
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.2 10.7 16.1

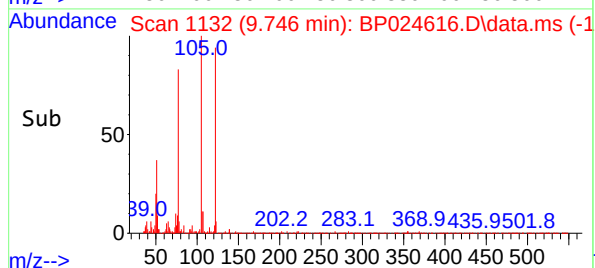
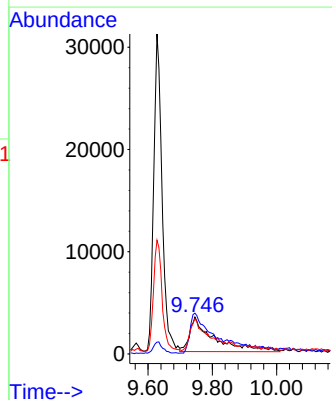
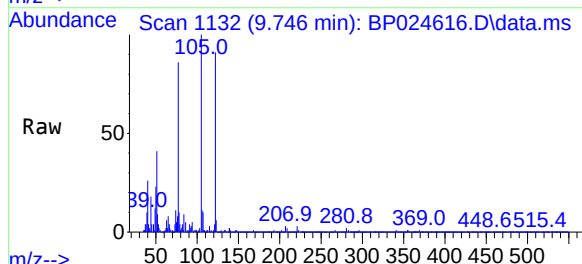
Manual Integrations
APPROVED

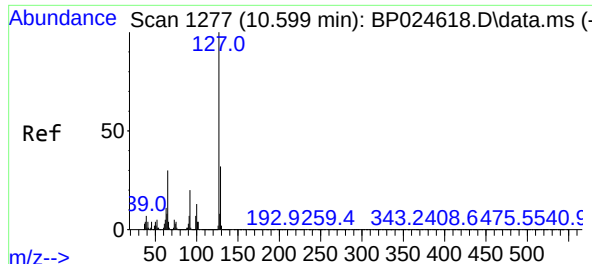
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#32
Benzoic acid
Concen: 10.42 ng m
RT: 9.746 min Scan# 1132
Delta R.T. -0.029 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:122 Resp: 17770
Ion Ratio Lower Upper
122 100
105 110.3 106.9 146.9
77 95.0 75.1 115.1





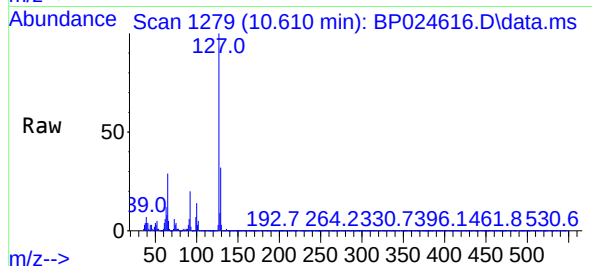
#33
4-Chloroaniline
Concen: 8.88 ng
RT: 10.610 min Scan# 1279
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

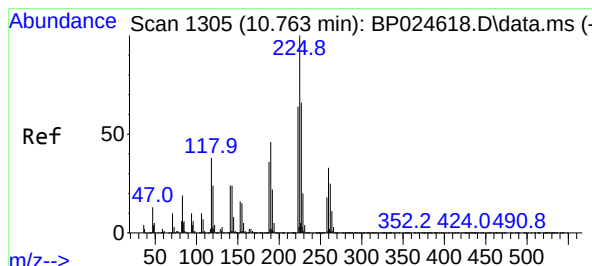
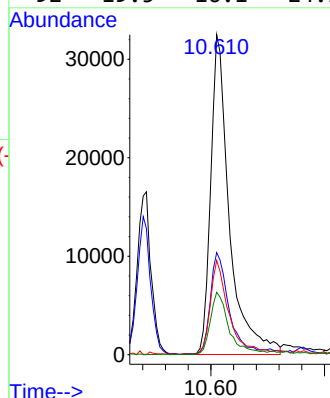
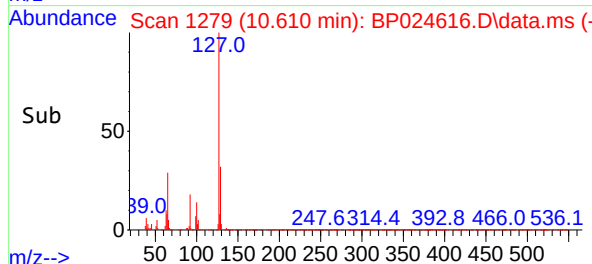


Tgt Ion:127 Resp: 73990
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.6
65 29.5 23.9 35.9
92 19.5 16.1 24.1

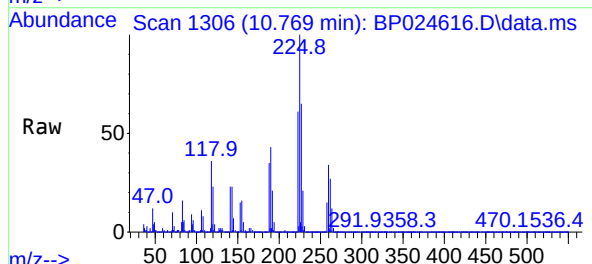
Manual Integrations

APPROVED

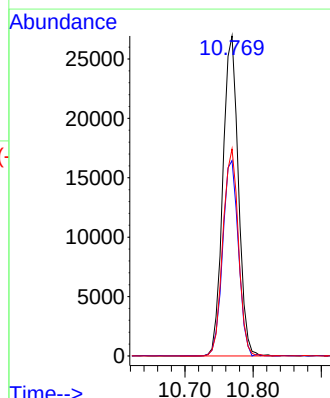
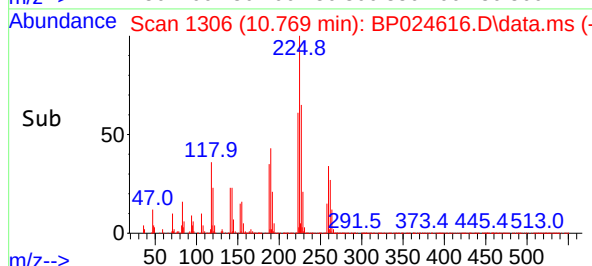
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

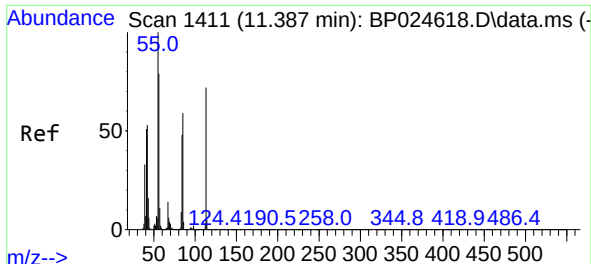


#34
Hexachlorobutadiene
Concen: 10.03 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



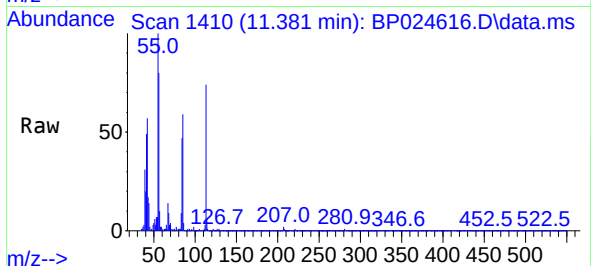
Tgt Ion:225 Resp: 42567
Ion Ratio Lower Upper
225 100
223 61.0 51.0 76.6
227 64.7 53.1 79.7





#35
Caprolactam
Concen: 8.68 ng m
RT: 11.381 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

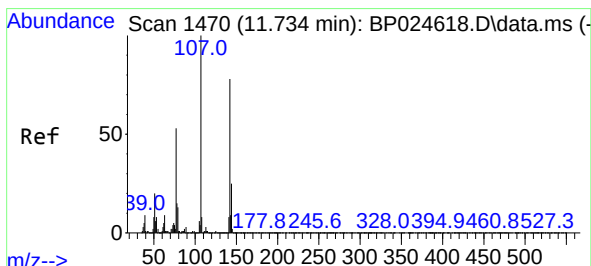
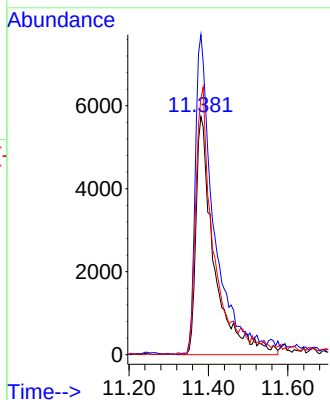
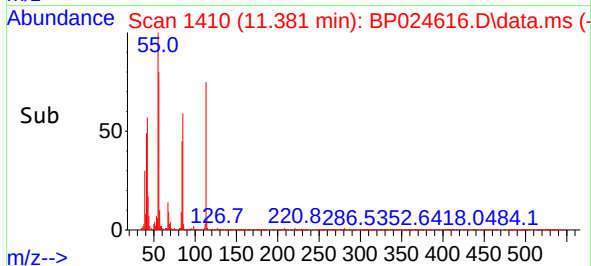
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 1824
Ion Ratio Lower Upper
113 100
55 134.4 119.0 159.0
56 107.7 90.3 130.3

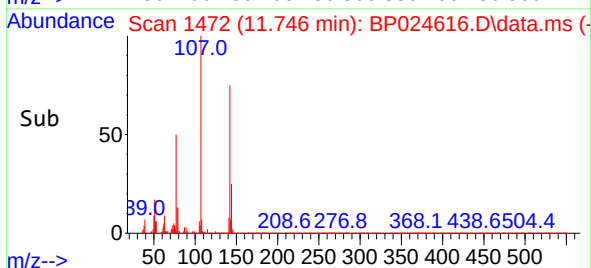
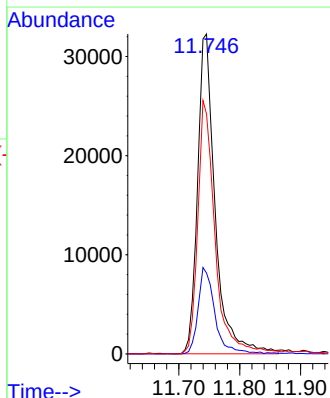
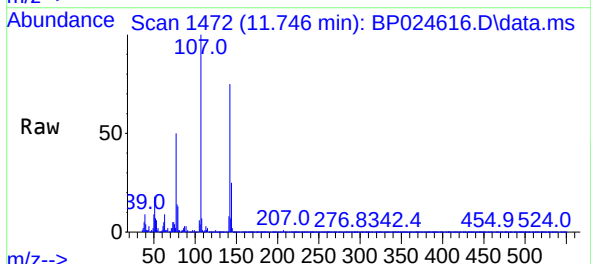
Manual Integrations
APPROVED

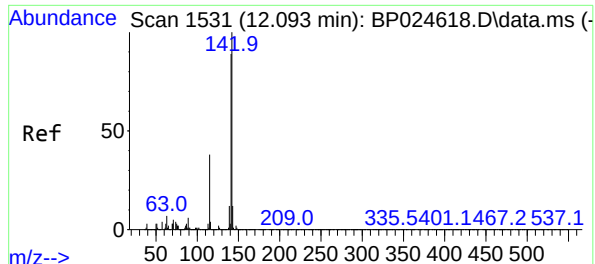
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#36
4-Chloro-3-methylphenol
Concen: 9.15 ng
RT: 11.746 min Scan# 1472
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:107 Resp: 64857
Ion Ratio Lower Upper
107 100
144 25.3 20.1 30.1
142 75.0 62.1 93.1





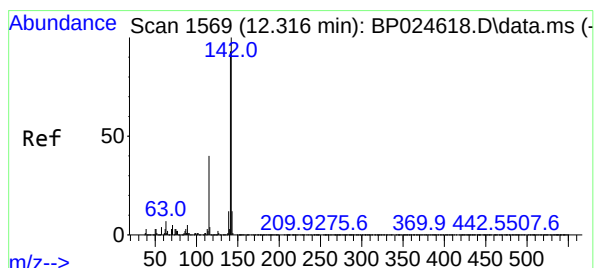
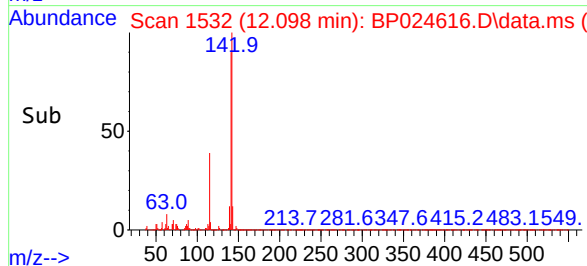
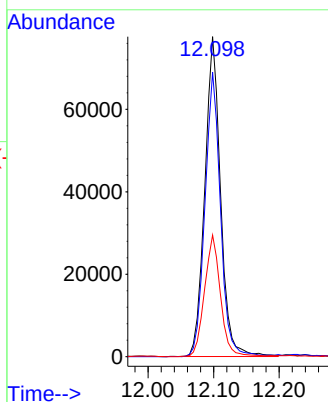
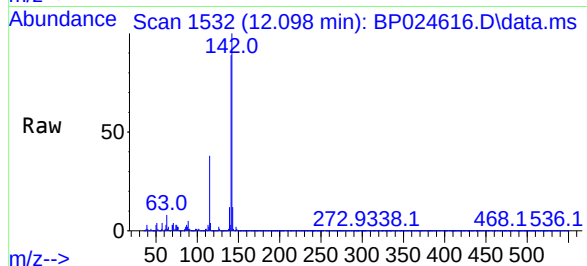
#37
2-Methylnaphthalene
Concen: 9.75 ng
RT: 12.098 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 130412
Ion Ratio Lower Upper
142 100
141 88.9 71.2 106.8
115 38.0 30.6 46.0

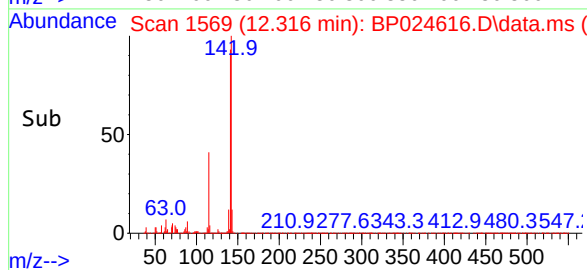
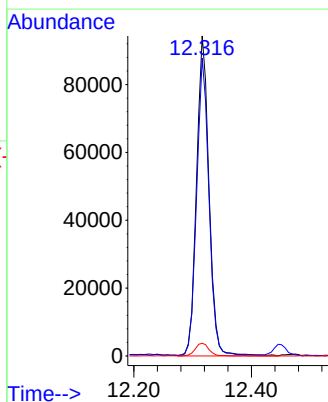
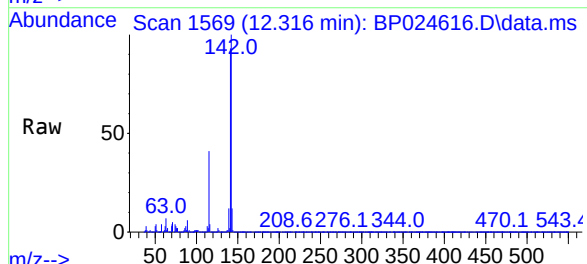
Manual Integrations
APPROVED

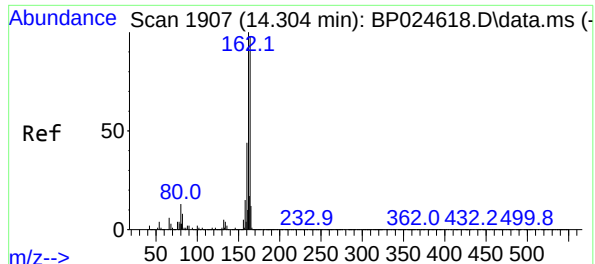
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#38
1-Methylnaphthalene
Concen: 9.75 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

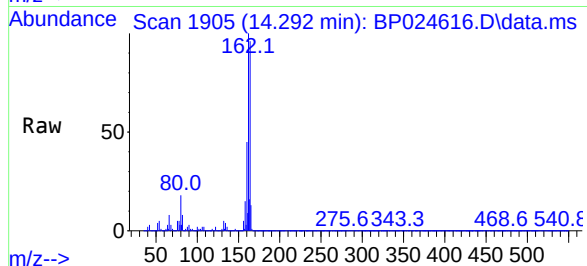
Tgt Ion:142 Resp: 139573
Ion Ratio Lower Upper
142 100
141 93.1 74.7 112.1
116 4.0 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

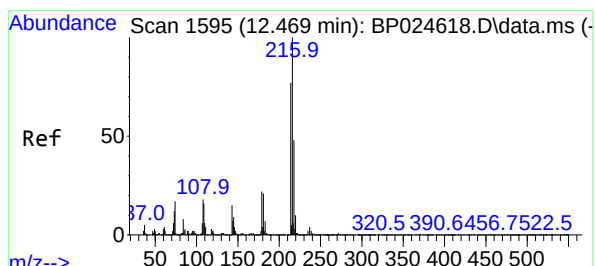
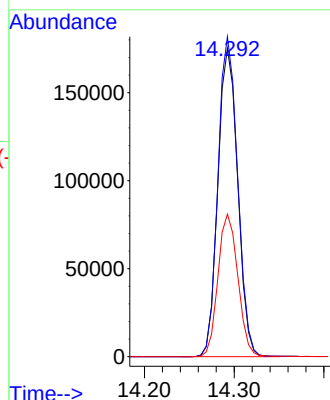
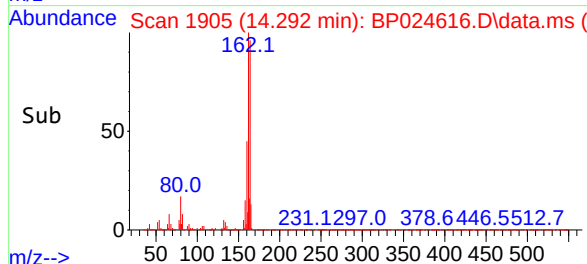
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:164 Resp: 268335
Ion Ratio Lower Upper
164 100
162 103.8 81.8 122.6
160 46.2 36.3 54.5

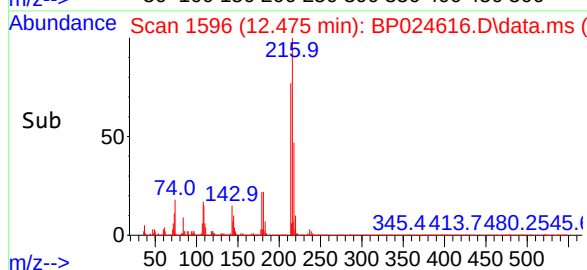
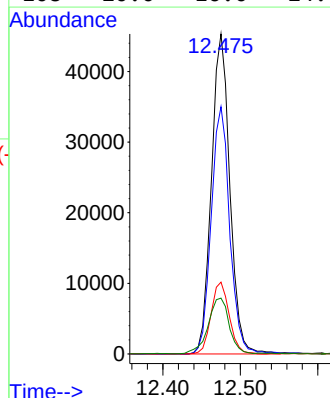
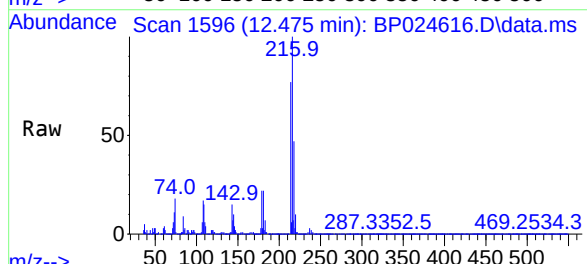
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

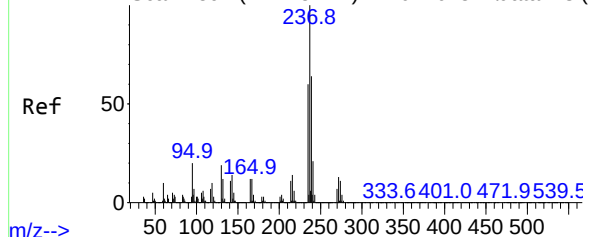


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.60 ng
RT: 12.475 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:216 Resp: 74824
Ion Ratio Lower Upper
216 100
214 77.9 62.3 93.5
179 22.2 17.7 26.5
108 20.0 16.0 24.0



Abundance Scan 1591 (12.445 min): BP024618.D\data.ms (-

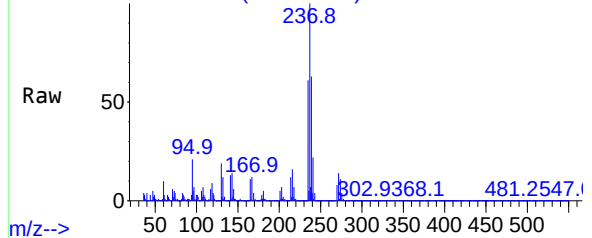


#41
Hexachlorocyclopentadiene
Concen: 7.85 ng
RT: 12.451 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

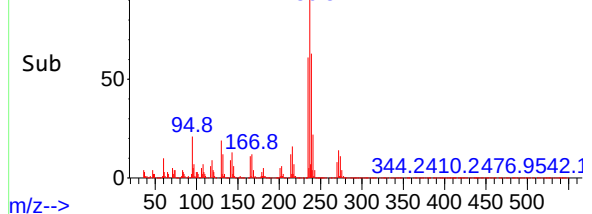
m/z-->

Abundance Scan 1592 (12.451 min): BP024616.D\data.ms (-



m/z-->

Abundance Scan 1592 (12.451 min): BP024616.D\data.ms (-

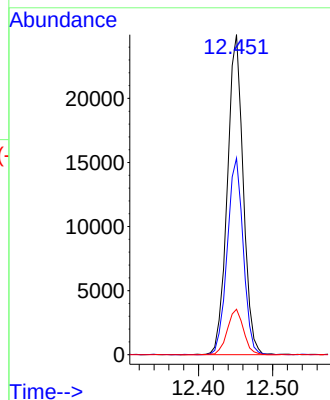


m/z-->

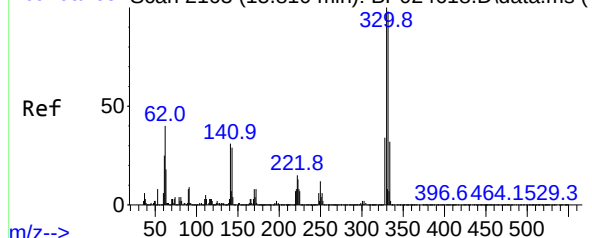
Tgt Ion: 237 Resp: 37072
Ion Ratio Lower Upper
237 100
235 61.4 39.9 79.9
272 14.2 0.0 33.2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

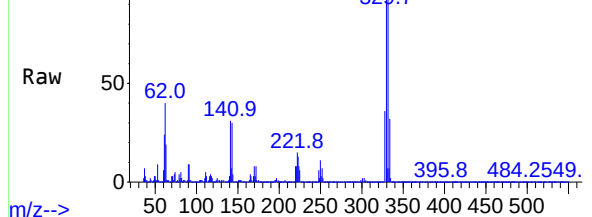


Abundance Scan 2163 (15.810 min): BP024618.D\data.ms (-



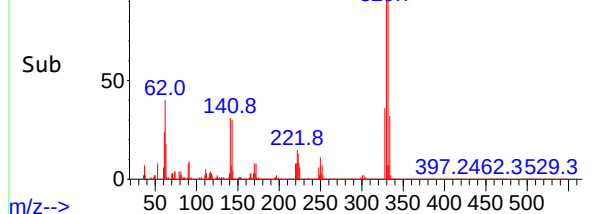
m/z-->

Abundance Scan 2163 (15.810 min): BP024616.D\data.ms (-



m/z-->

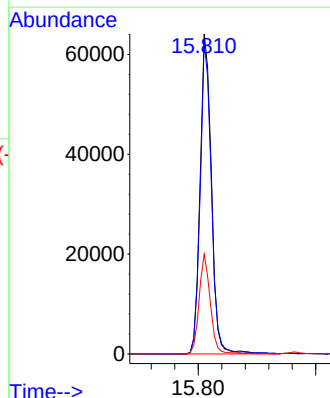
Abundance Scan 2163 (15.810 min): BP024616.D\data.ms (-

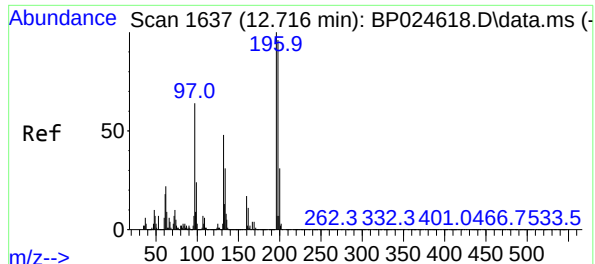


m/z-->

#42
2,4,6-Tribromophenol
Concen: 18.93 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 330 Resp: 86099
Ion Ratio Lower Upper
330 100
332 95.1 78.2 117.4
141 30.5 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 9.07 ng

RT: 12.722 min Scan# 1638

Delta R.T. 0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

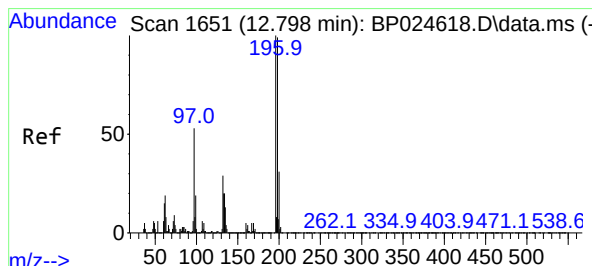
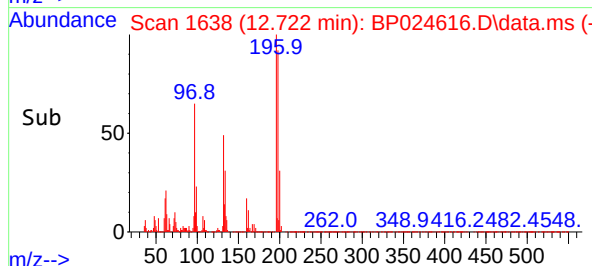
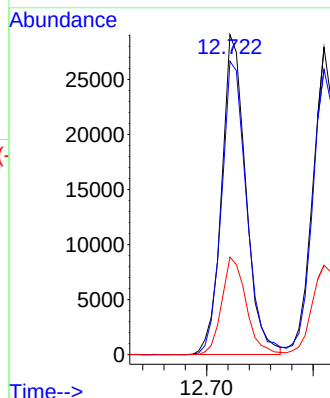
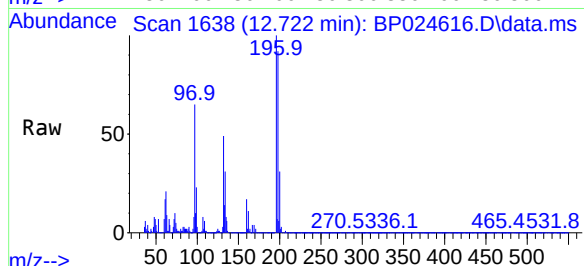
SSTDICC010

Tgt Ion:	196	Resp:	45798
Ion	Ratio	Lower	Upper
196	100		
198	91.7	76.9	115.3
200	30.5	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#44

2,4,5-Trichlorophenol

Concen: 8.96 ng

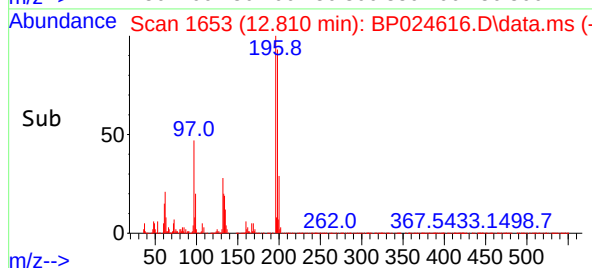
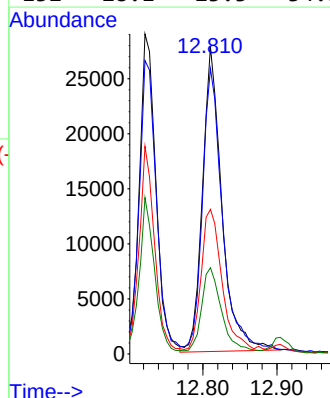
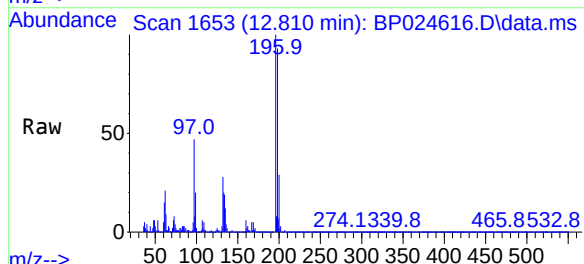
RT: 12.810 min Scan# 1653

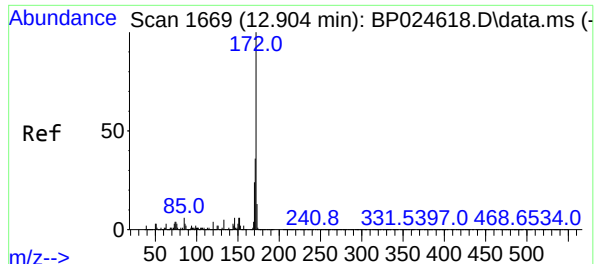
Delta R.T. 0.012 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

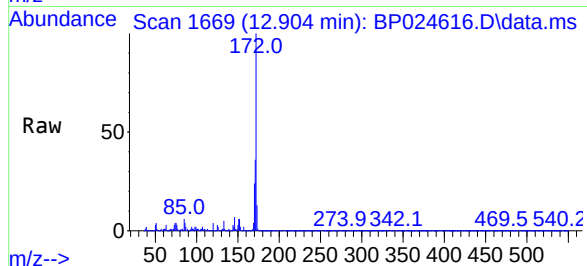
Tgt Ion:	196	Resp:	50348
Ion	Ratio	Lower	Upper
196	100		
198	92.8	79.2	118.8
97	47.0	42.3	63.5
132	28.1	23.3	34.9





#45
2-Fluorobiphenyl
Concen: 19.63 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

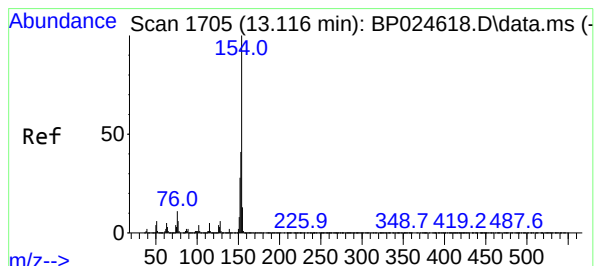
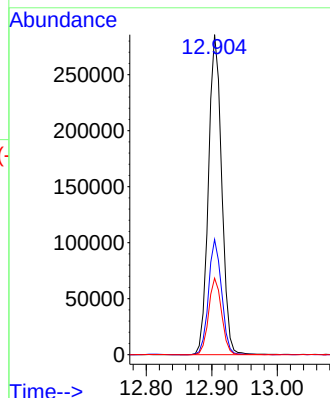
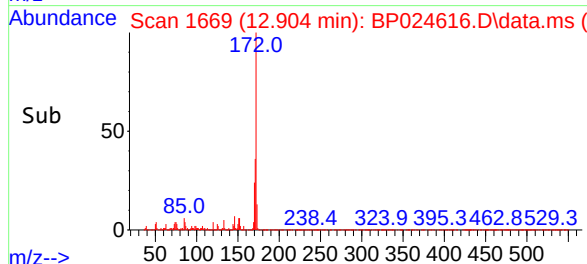
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:172 Resp: 401980
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.9 18.8 28.2

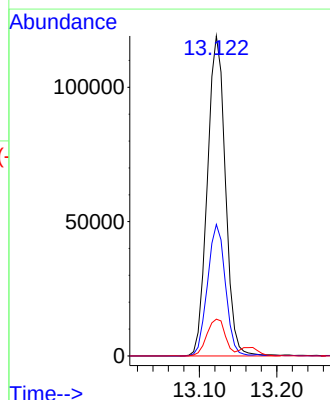
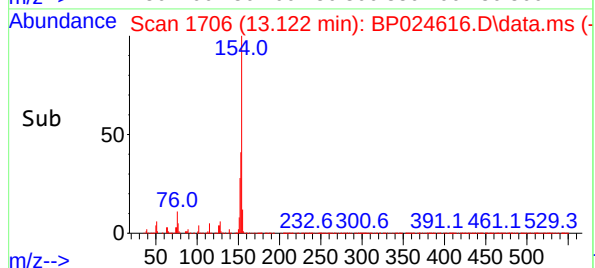
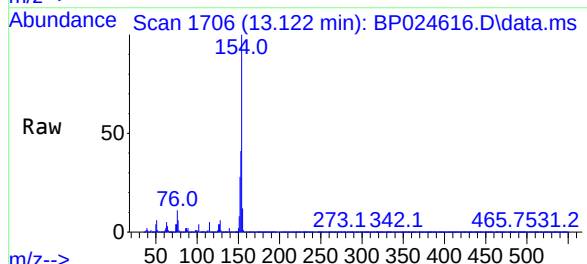
Manual Integrations
APPROVED

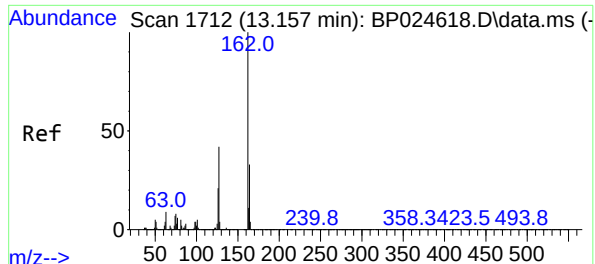
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#46
1,1'-Biphenyl
Concen: 9.70 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

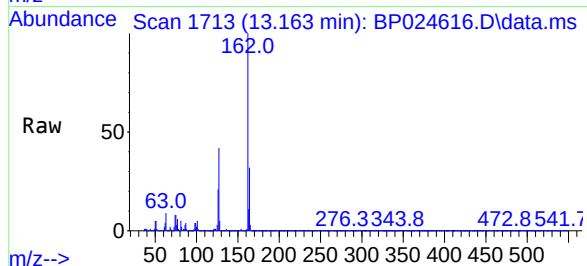
Tgt Ion:154 Resp: 192445
Ion Ratio Lower Upper
154 100
153 41.1 21.0 61.0
76 11.5 0.0 31.5





#47
2-Chloronaphthalene
Concen: 9.82 ng
RT: 13.163 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

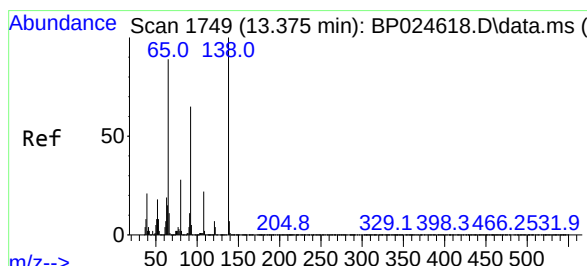
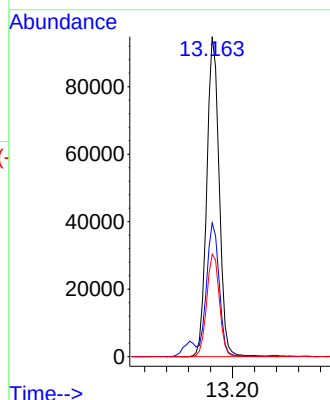
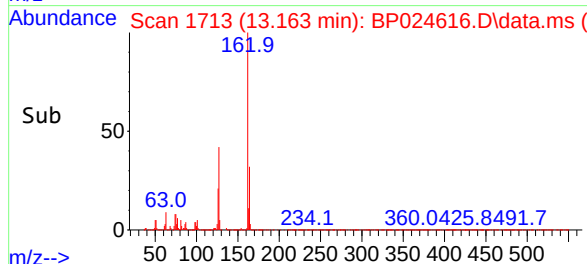
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



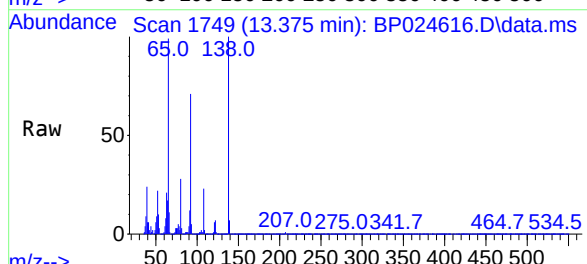
Tgt Ion:162 Resp: 14844
Ion Ratio Lower Upper
162 100
127 41.8 33.8 50.6
164 32.0 26.0 39.0

Manual Integrations
APPROVED

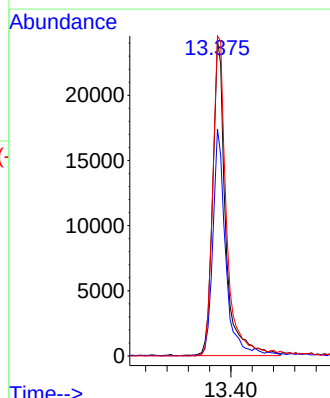
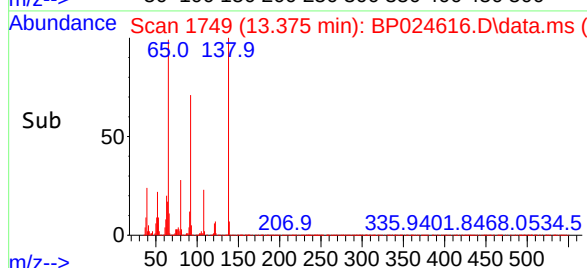
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

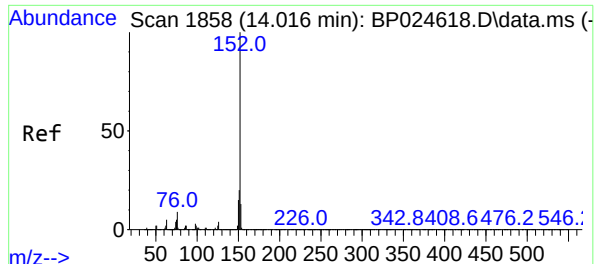


#48
2-Nitroaniline
Concen: 9.11 ng
RT: 13.375 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



Tgt Ion: 65 Resp: 40786
Ion Ratio Lower Upper
65 100
92 71.8 58.7 88.1
138 101.2 90.2 135.2





#49

Acenaphthylene

Concen: 9.64 ng

RT: 14.010 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

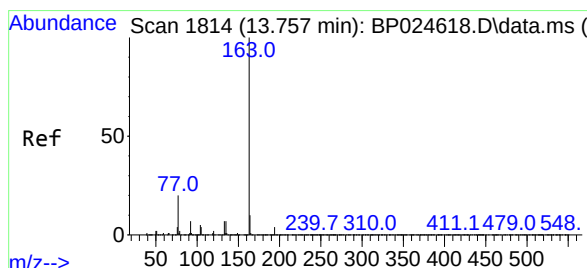
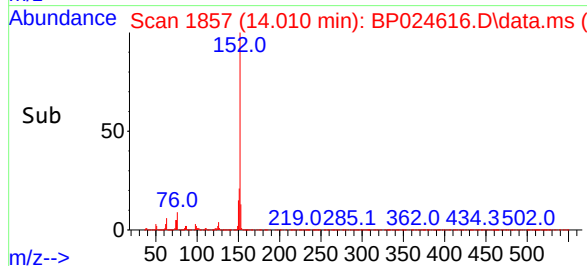
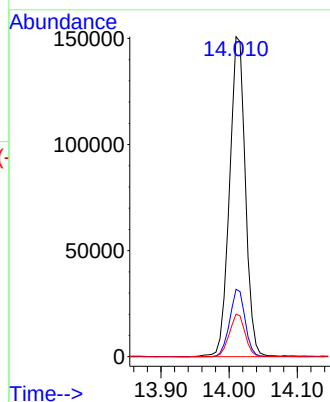
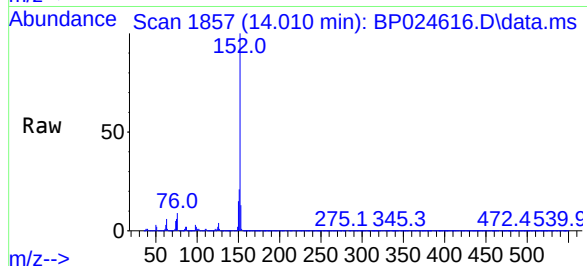
Tgt Ion:	152	Resp:	24391
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.2	24.4
153	13.3	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#50

Dimethylphthalate

Concen: 10.01 ng

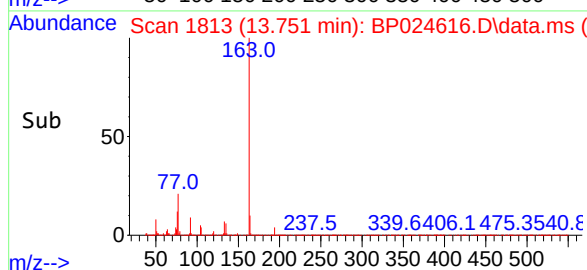
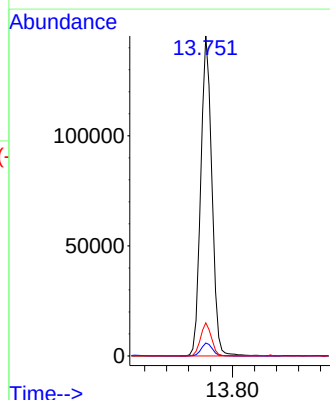
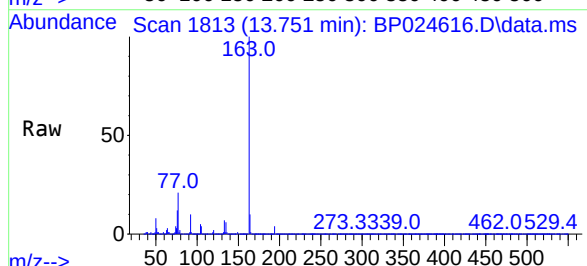
RT: 13.751 min Scan# 1813

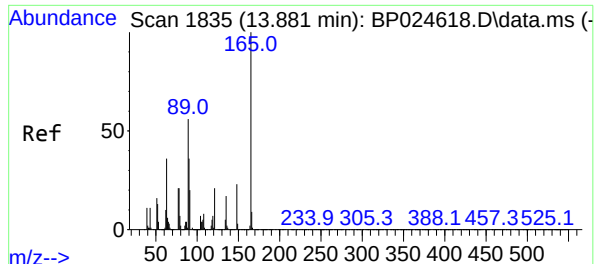
Delta R.T. -0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

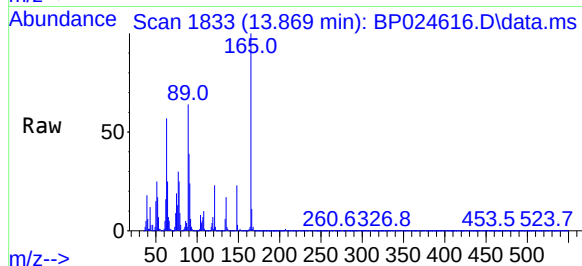
Tgt Ion:	163	Resp:	204825
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	10.3	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 9.55 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

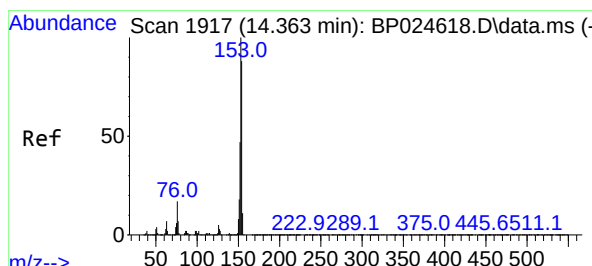
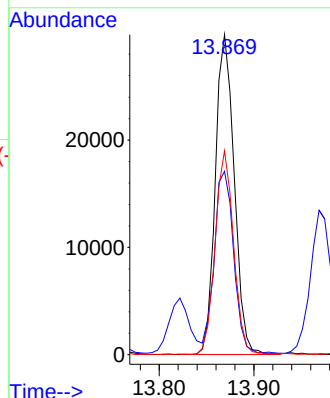
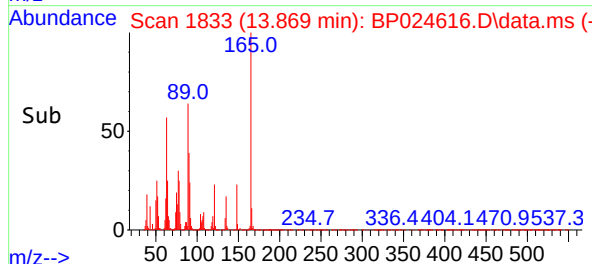
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



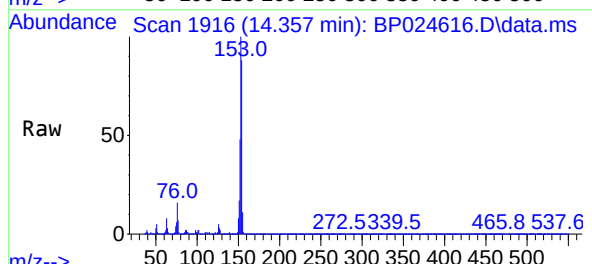
Tgt Ion:165 Resp: 4125
Ion Ratio Lower Upper
165 100
63 57.3 42.4 63.6
89 63.7 44.8 67.2

Manual Integrations
APPROVED

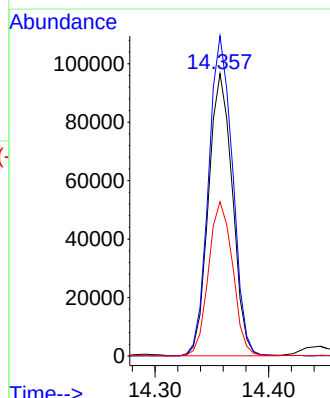
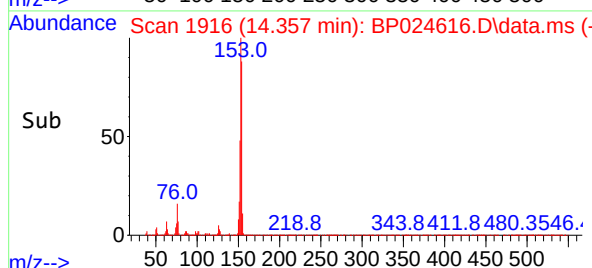
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

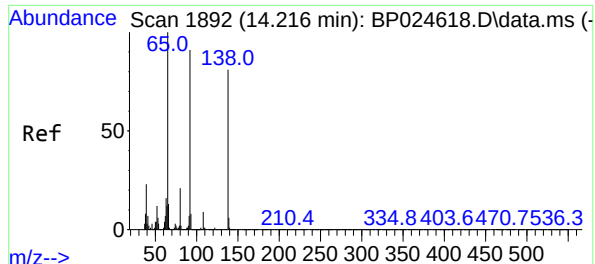


#52
Acenaphthene
Concen: 9.72 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



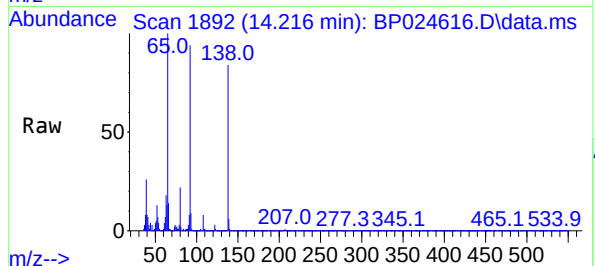
Tgt Ion:154 Resp: 141360
Ion Ratio Lower Upper
154 100
153 113.4 91.0 136.4
152 54.6 42.9 64.3





#53
3-Nitroaniline
Concen: 8.37 ng
RT: 14.216 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

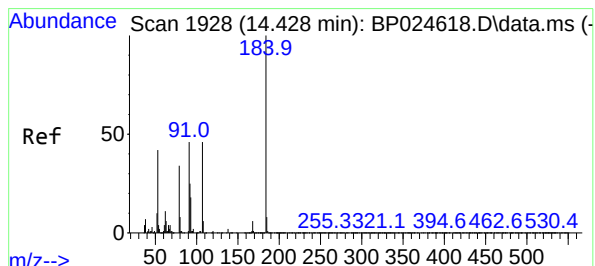
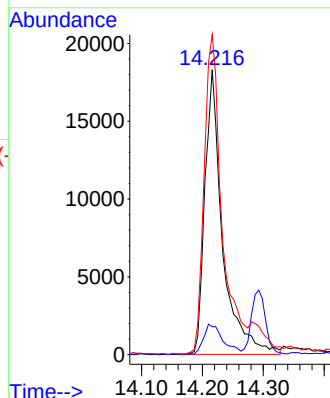
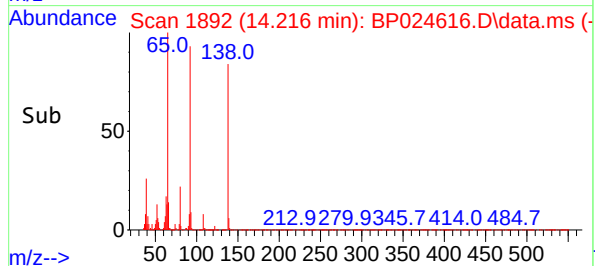
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 36900
Ion Ratio Lower Upper
138 100
108 9.9 9.0 13.4
92 112.3 90.1 135.1

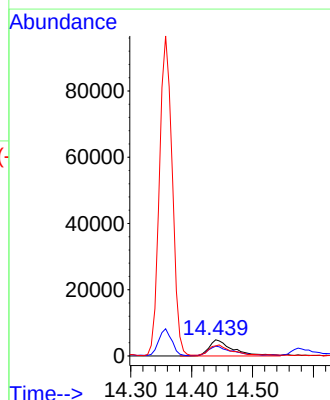
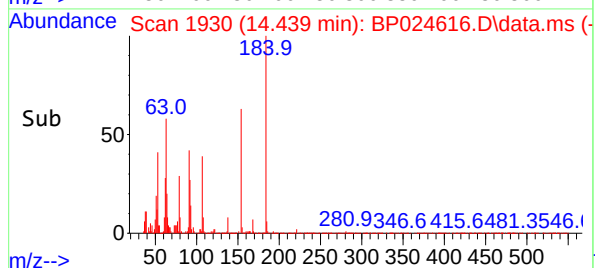
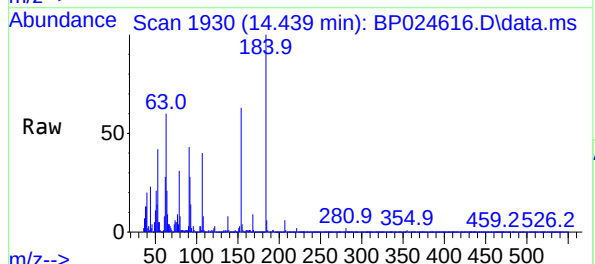
Manual Integrations
APPROVED

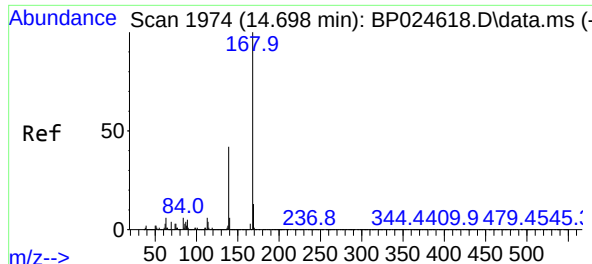
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#54
2,4-Dinitrophenol
Concen: 10.84 ng
RT: 14.439 min Scan# 1930
Delta R.T. 0.011 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

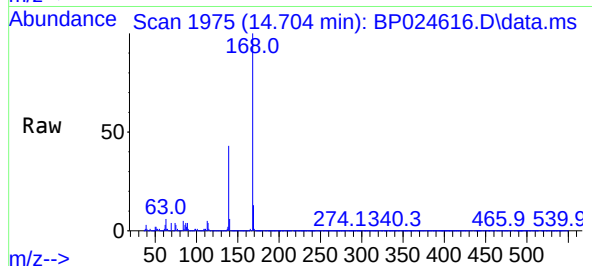
Tgt Ion:184 Resp: 13128
Ion Ratio Lower Upper
184 100
63 60.3 51.3 76.9
154 62.9 53.5 80.3





#55
Dibenzenofuran
Concen: 9.92 ng
RT: 14.704 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

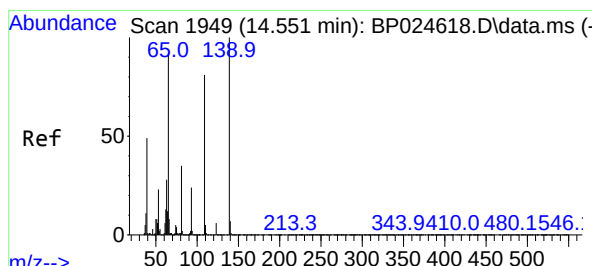
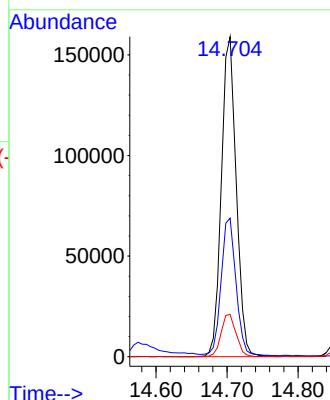
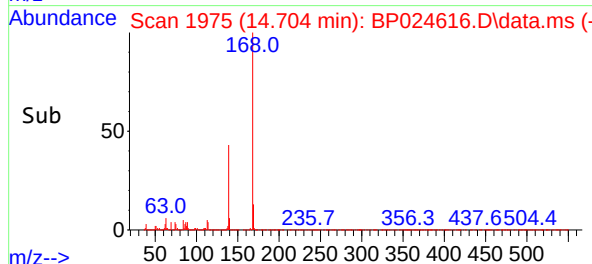
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



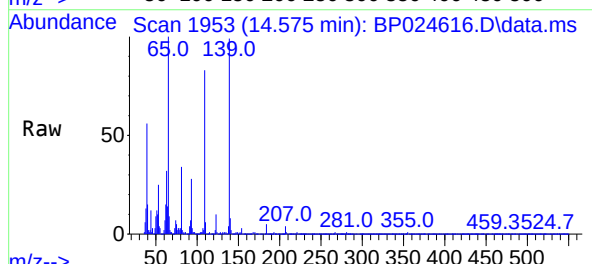
Tgt Ion:168 Resp: 230280
Ion Ratio Lower Upper
168 100
139 43.3 34.2 51.4
169 13.2 10.8 16.2

Manual Integrations
APPROVED

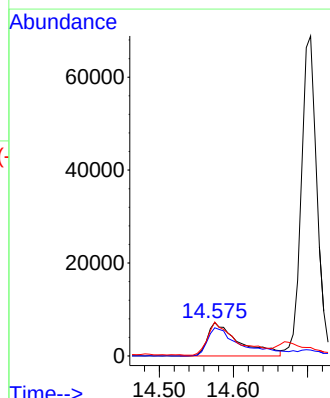
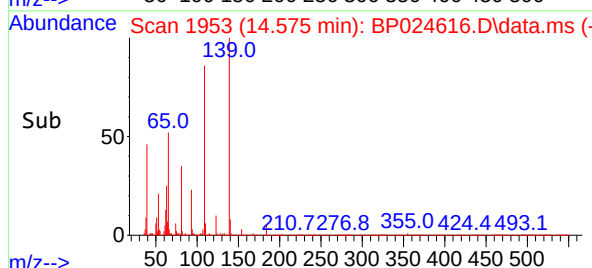
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

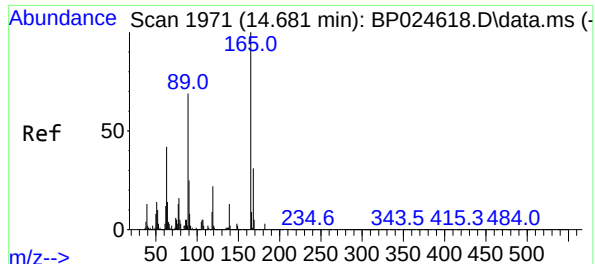


#56
4-Nitrophenol
Concen: 9.53 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.024 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



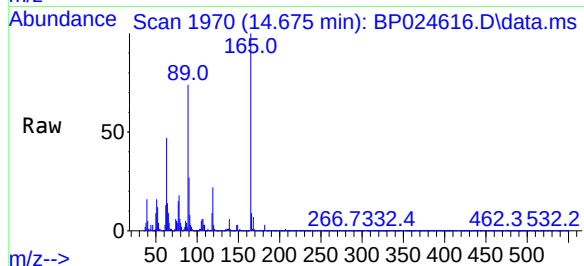
Tgt Ion:139 Resp: 21349
Ion Ratio Lower Upper
139 100
109 84.4 61.4 101.4
65 101.4 72.2 112.2





#57
2,4-Dinitrotoluene
Concen: 9.30 ng
RT: 14.675 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

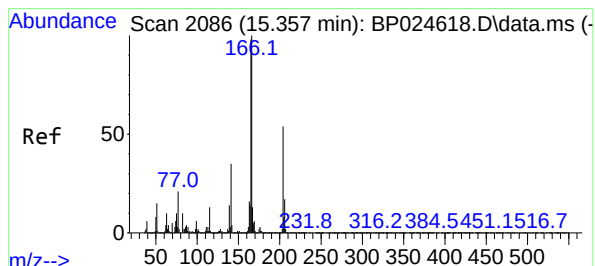
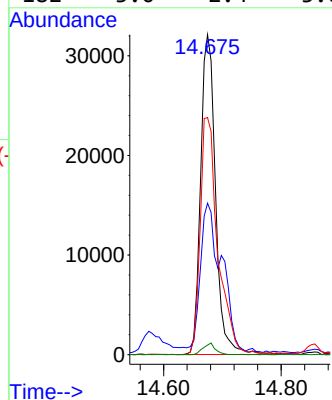
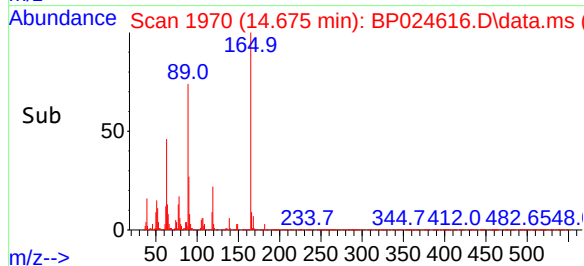
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 5661
Ion Ratio Lower Upper
165 100
63 47.4 33.8 50.6
89 74.1 55.6 83.4
182 3.0 2.4 3.6

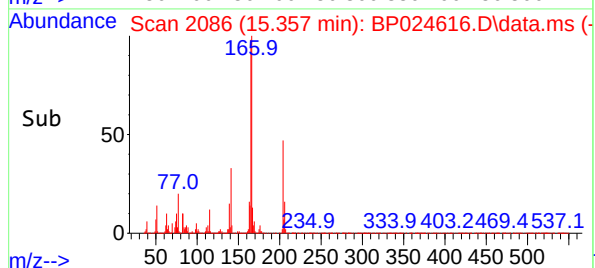
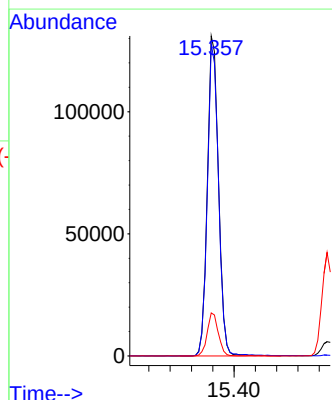
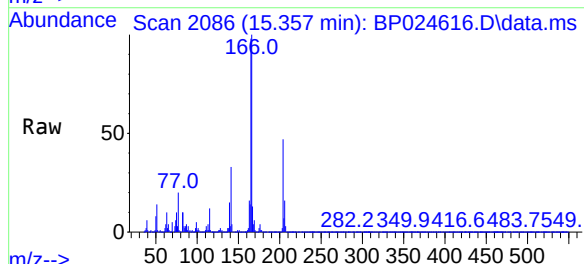
Manual Integrations
APPROVED

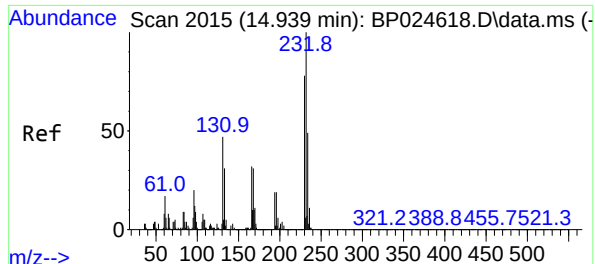
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#58
Fluorene
Concen: 10.03 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:166 Resp: 189781
Ion Ratio Lower Upper
166 100
165 97.6 78.5 117.7
167 13.5 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.37 ng

RT: 14.939 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 4882

Ion Ratio Lower Upper

232 100

131 50.6 39.5 59.3

130 2.8 2.2 3.4

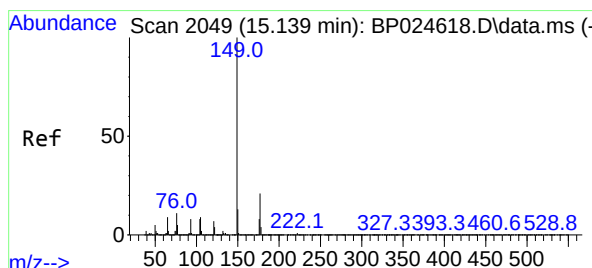
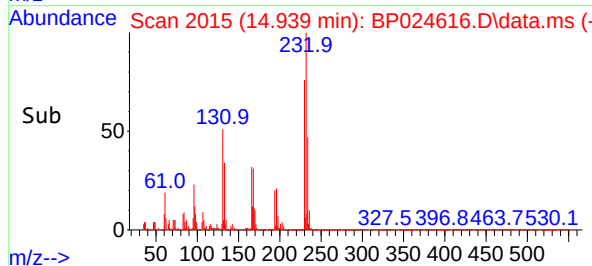
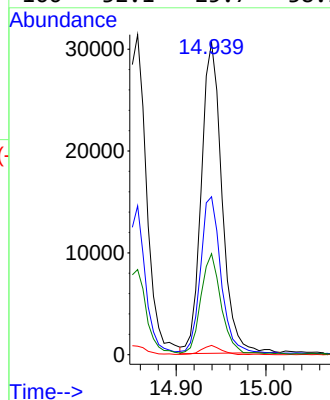
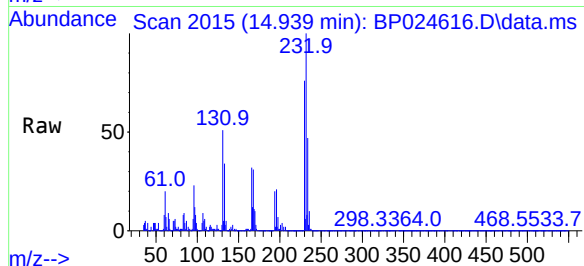
166 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#60

Diethylphthalate

Concen: 10.01 ng

RT: 15.134 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

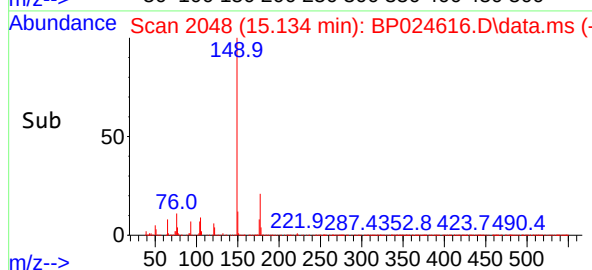
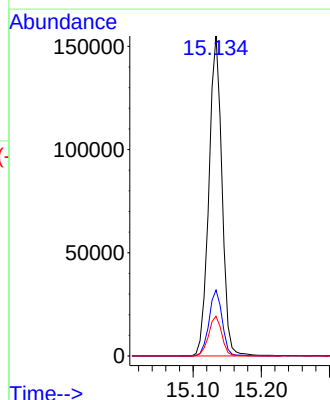
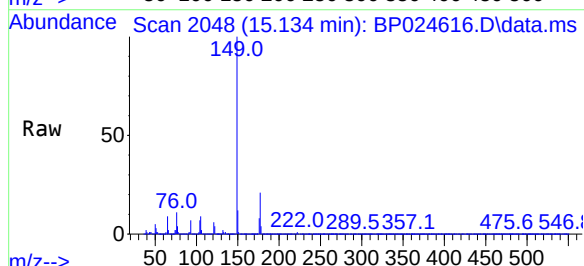
Tgt Ion:149 Resp: 206886

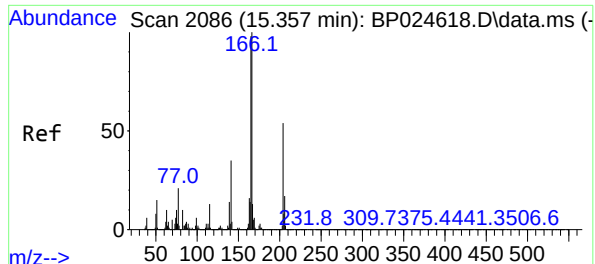
Ion Ratio Lower Upper

149 100

177 20.6 16.7 25.1

150 12.4 10.2 15.2





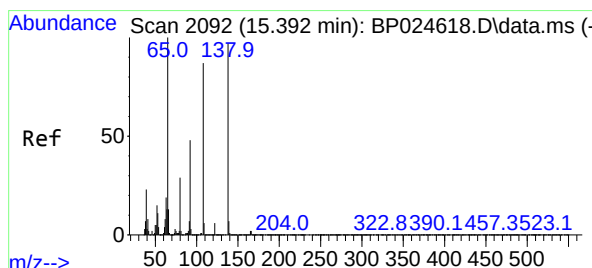
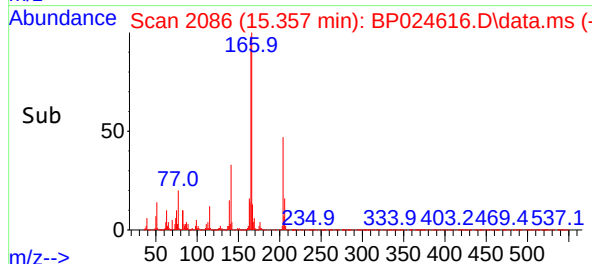
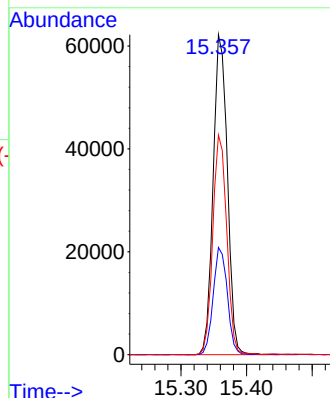
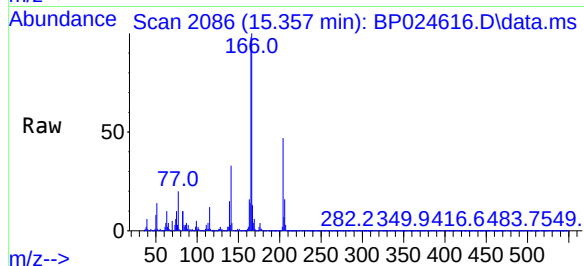
#61
4-Chlorophenyl-phenylether
Concen: 9.91 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 9351
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 68.7 52.9 79.3

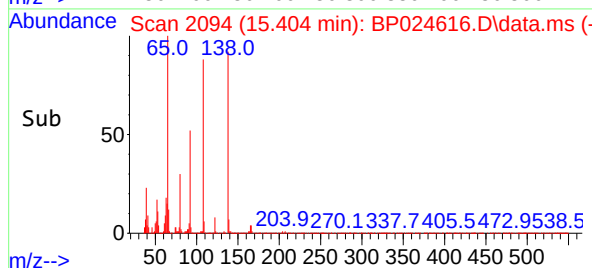
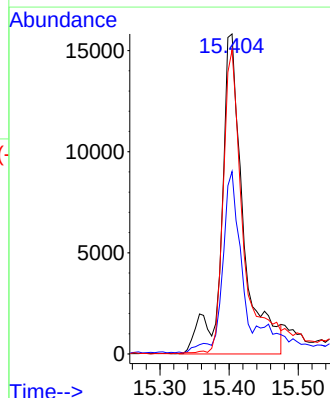
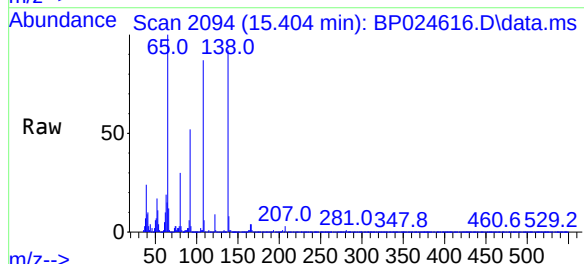
Manual Integrations
APPROVED

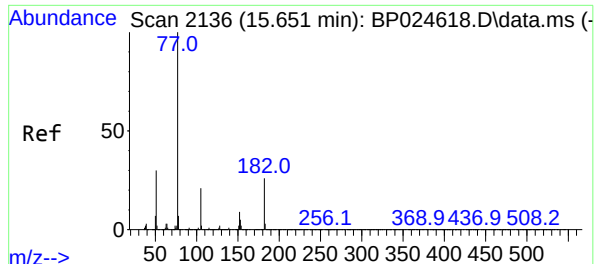
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#62
4-Nitroaniline
Concen: 8.11 ng m
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

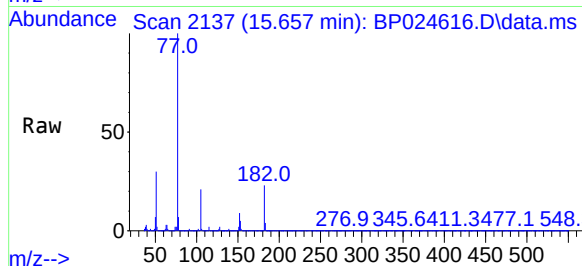
Tgt Ion:138 Resp: 34813
Ion Ratio Lower Upper
138 100
92 57.0 29.2 69.2
108 95.0 69.0 109.0





#63
Azobenzene
Concen: 9.86 ng
RT: 15.657 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

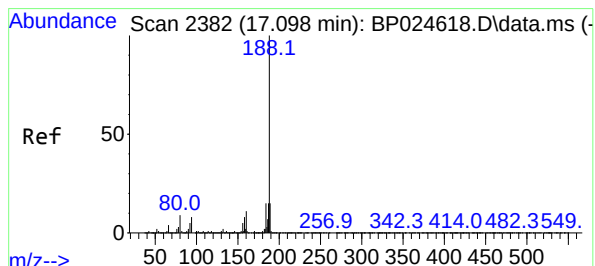
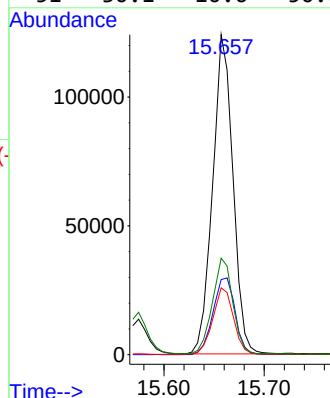
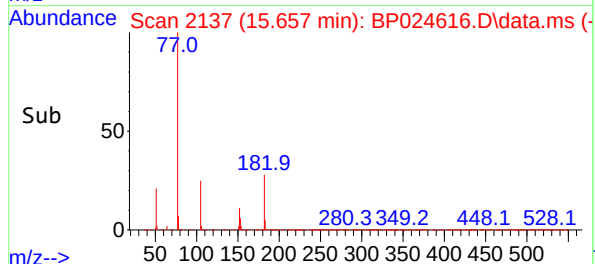
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 17432
Ion Ratio Lower Upper
77 100
182 23.5 5.7 45.7
105 20.9 1.3 41.3
51 30.1 10.6 50.6

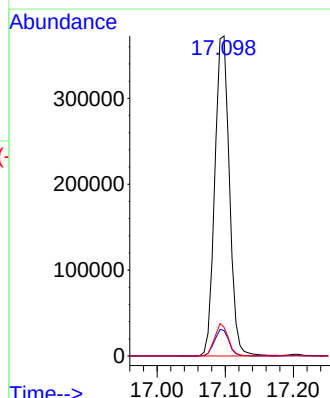
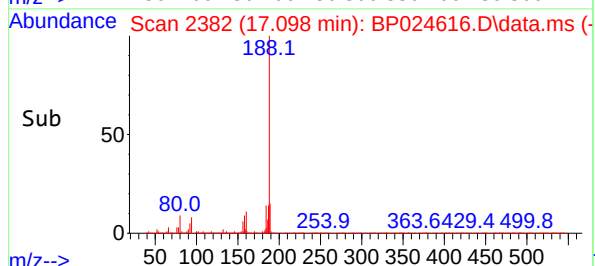
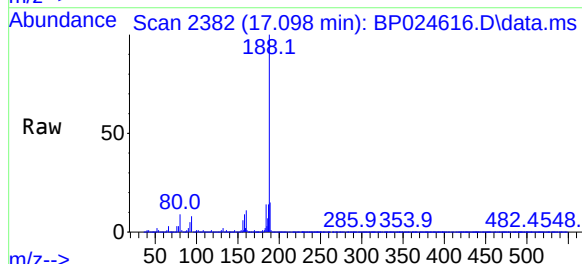
Manual Integrations
APPROVED

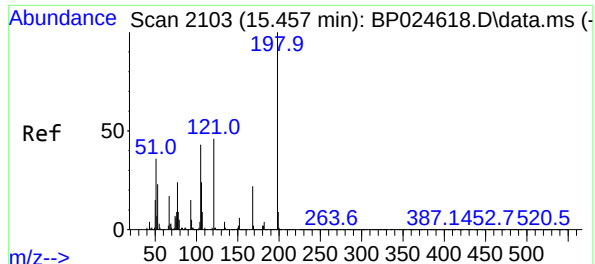
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:188 Resp: 556673
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 9.0 7.3 10.9





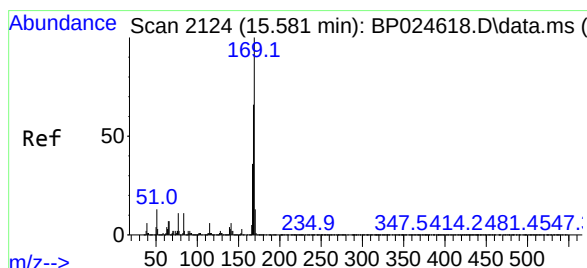
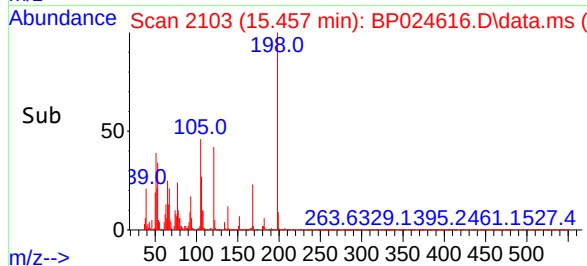
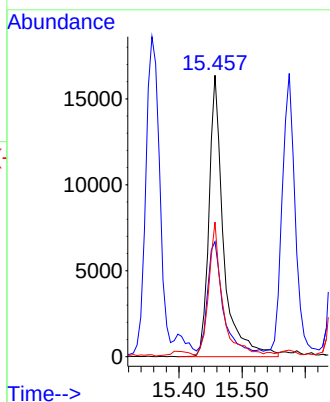
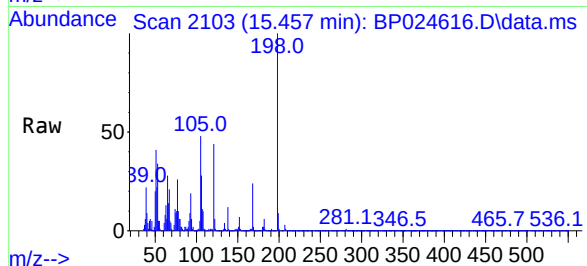
#65
4,6-Dinitro-2-methylphenol
Concen: 7.28 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 26174
Ion Ratio Lower Upper
198 100
51 40.9 21.1 61.1
105 47.8 23.6 63.6

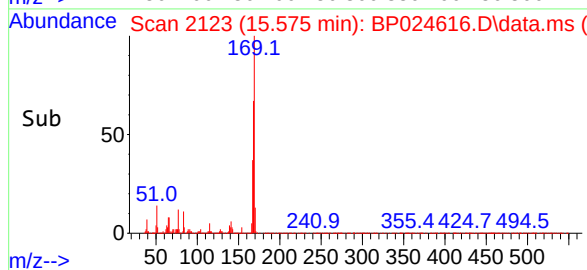
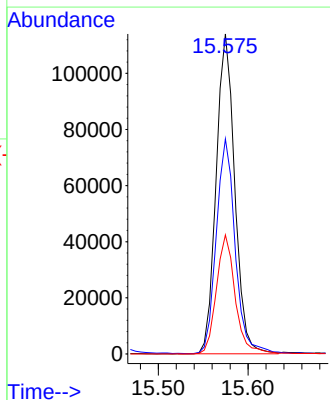
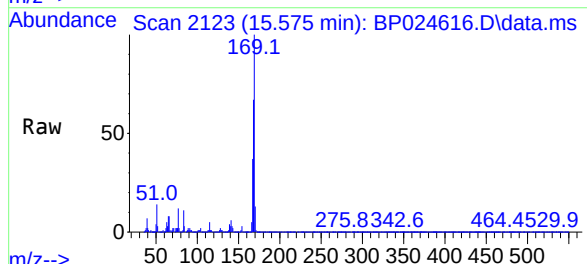
Manual Integrations
APPROVED

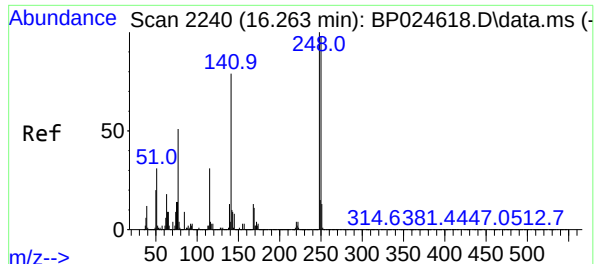
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#66
n-Nitrosodiphenylamine
Concen: 9.59 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

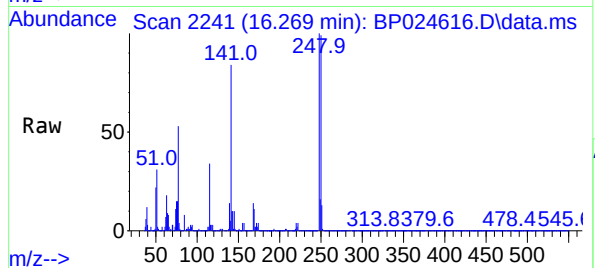
Tgt Ion:169 Resp: 164008
Ion Ratio Lower Upper
169 100
168 67.2 53.2 79.8
167 37.2 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 9.45 ng
RT: 16.269 min Scan# 211
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

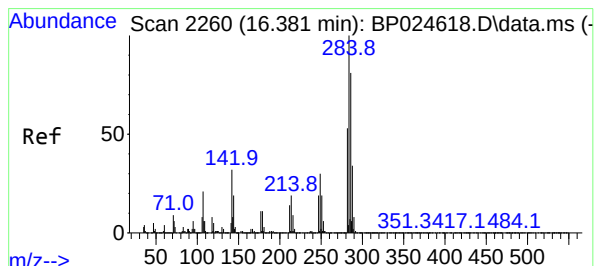
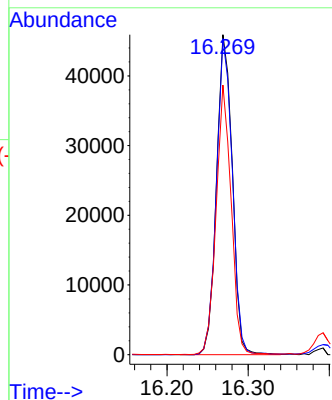
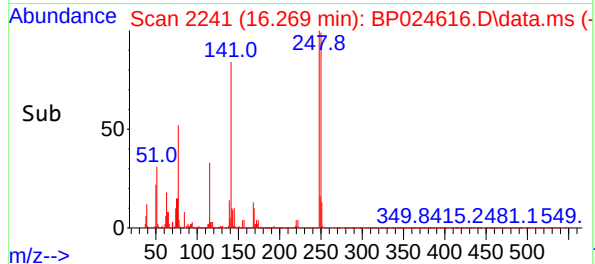
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



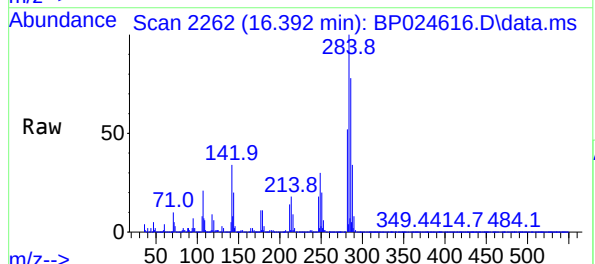
Tgt Ion:248 Resp: 6201
Ion Ratio Lower Upper
248 100
250 98.7 78.2 117.4
141 84.3 63.0 94.6

Manual Integrations
APPROVED

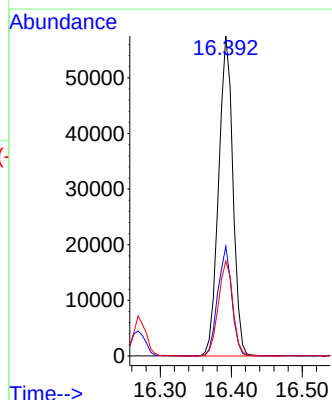
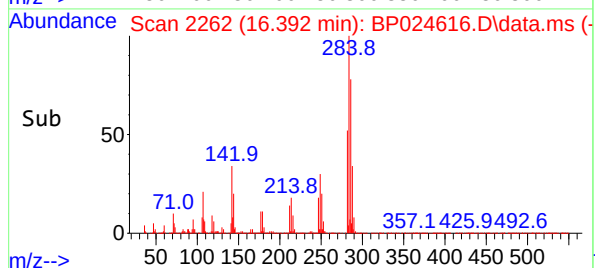
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

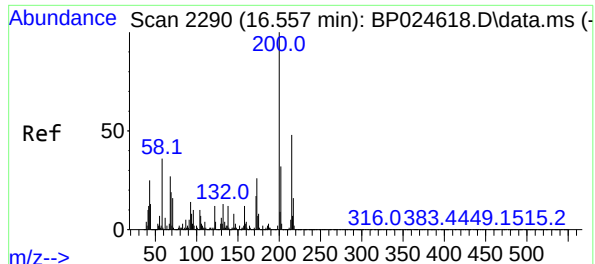


#68
Hexachlorobenzene
Concen: 9.61 ng
RT: 16.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03



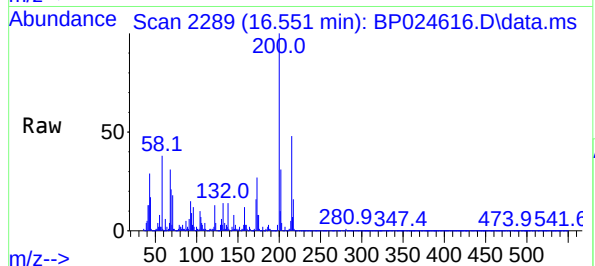
Tgt Ion:284 Resp: 80088
Ion Ratio Lower Upper
284 100
142 34.2 25.9 38.9
249 29.6 24.1 36.1





#69
Atrazine
Concen: 9.30 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

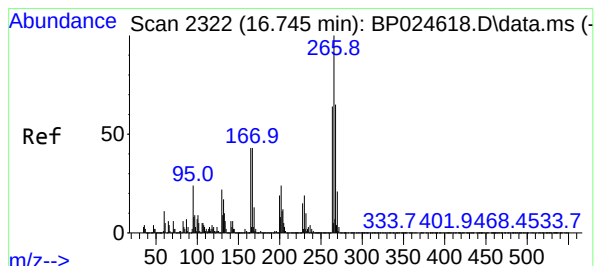
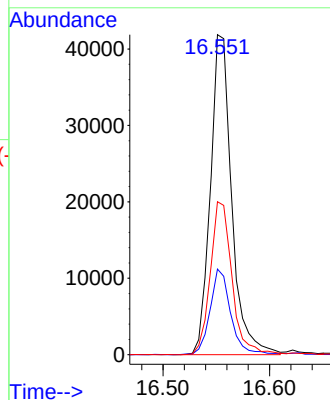
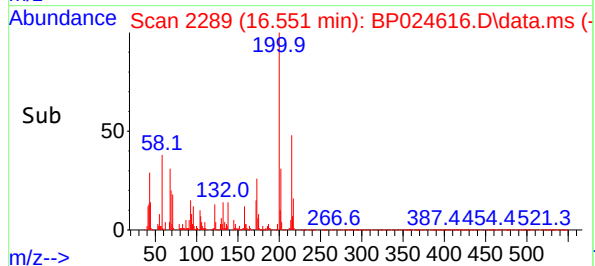
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:200 Resp: 5824
Ion Ratio Lower Upper
200 100
173 26.8 5.9 45.9
215 47.8 28.3 68.3

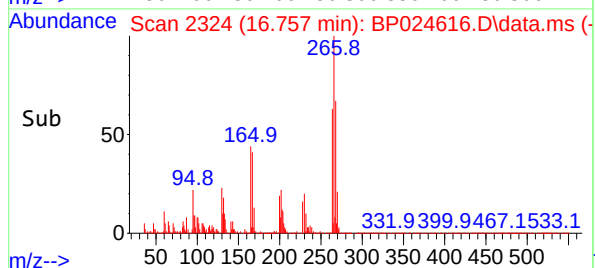
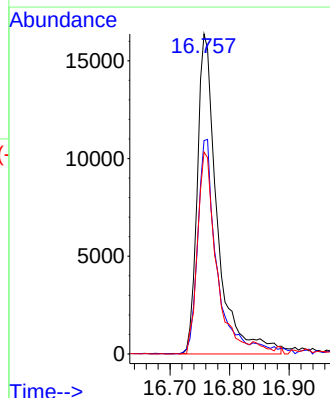
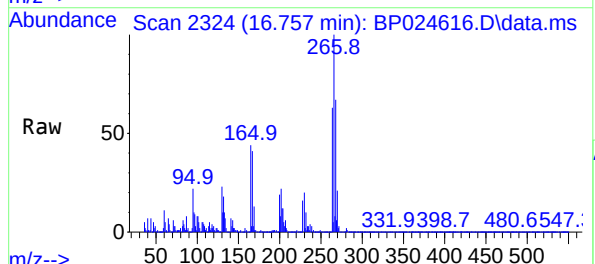
Manual Integrations
APPROVED

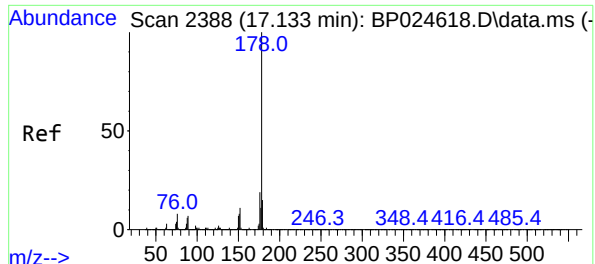
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#70
Pentachlorophenol
Concen: 8.14 ng m
RT: 16.757 min Scan# 2324
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:266 Resp: 38095
Ion Ratio Lower Upper
266 100
268 66.7 52.2 78.4
264 63.1 51.1 76.7





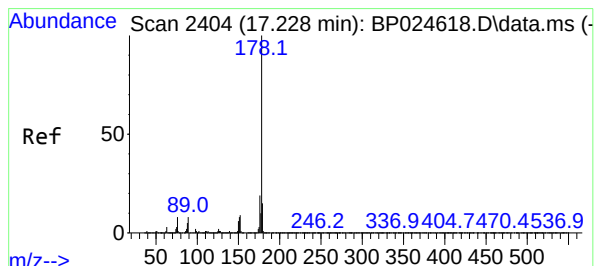
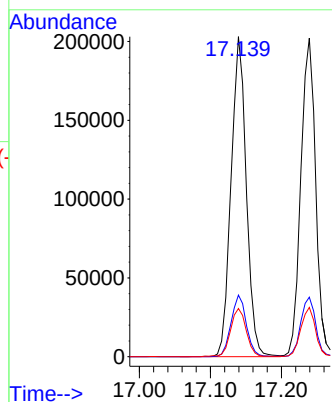
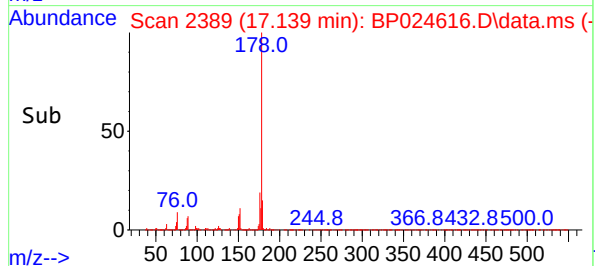
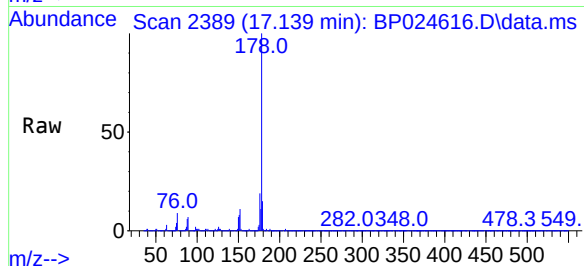
#71
Phenanthrene
Concen: 9.75 ng
RT: 17.139 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 30186
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.1 12.2 18.4

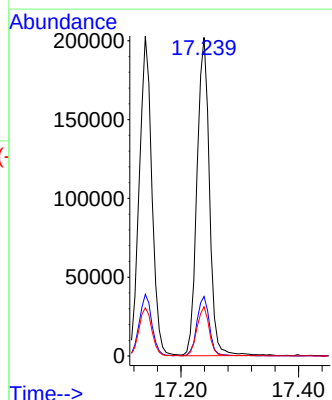
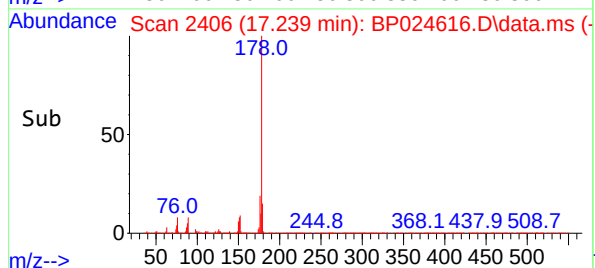
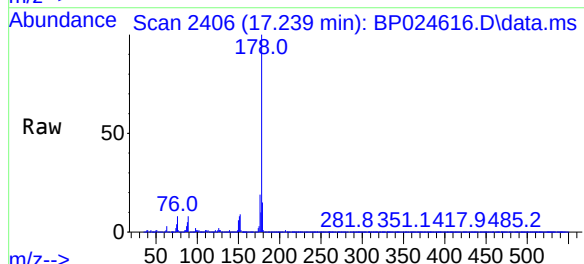
Manual Integrations
APPROVED

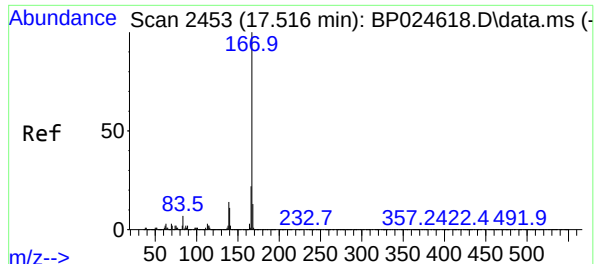
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#72
Anthracene
Concen: 9.51 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

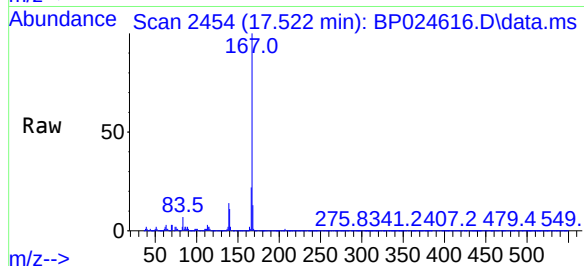
Tgt Ion:178 Resp: 296146
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.5 12.2 18.2





#73
Carbazole
Concen: 9.32 ng
RT: 17.522 min Scan# 2453
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

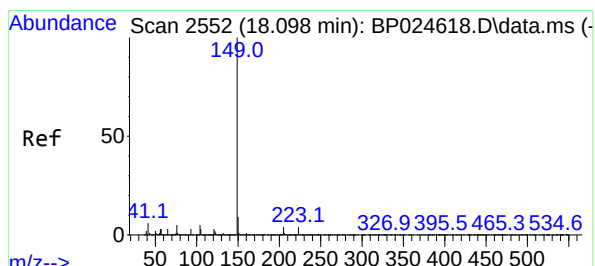
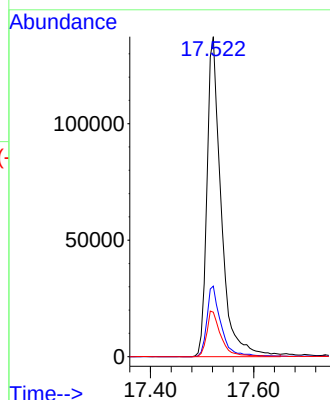
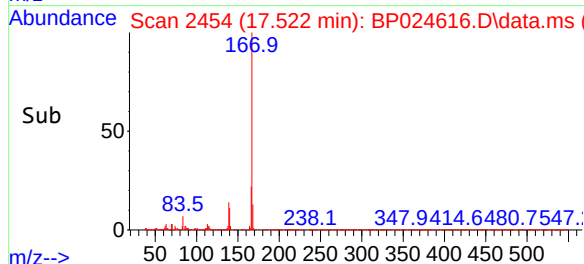
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 26268
Ion Ratio Lower Upper
167 100
166 22.1 17.7 26.5
139 13.9 11.3 16.9

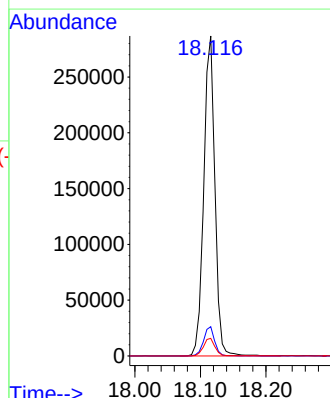
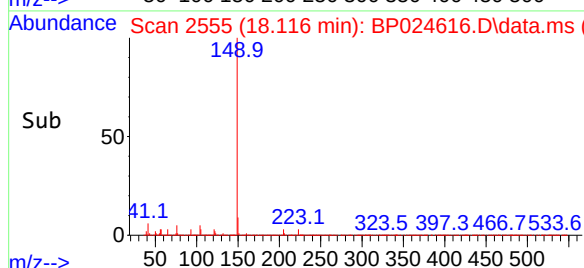
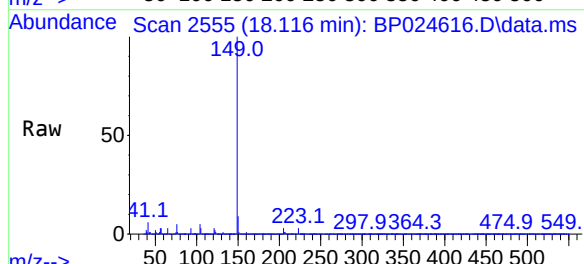
Manual Integrations
APPROVED

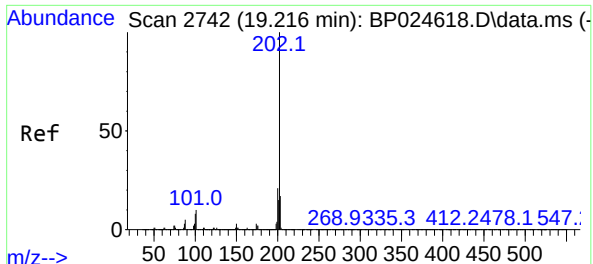
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#74
Di-n-butylphthalate
Concen: 9.35 ng
RT: 18.116 min Scan# 2555
Delta R.T. 0.018 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

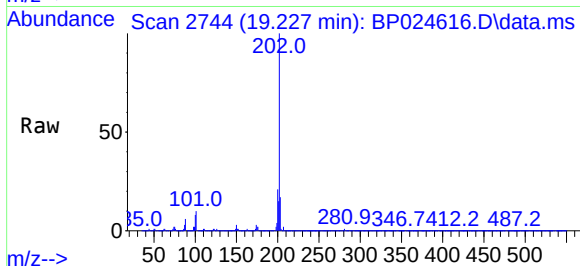
Tgt Ion:149 Resp: 338893
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 9.65 ng
RT: 19.227 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

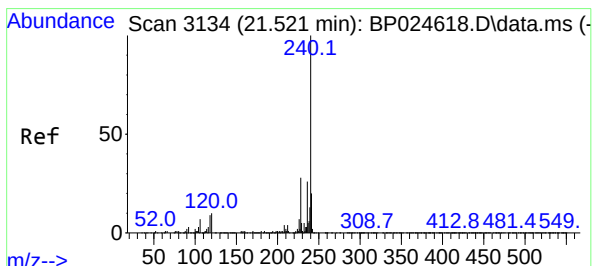
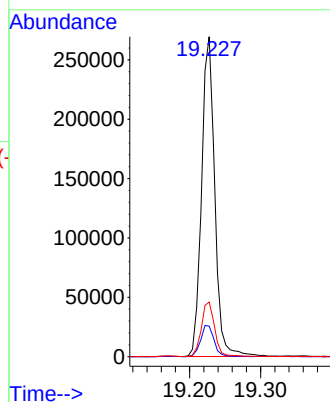
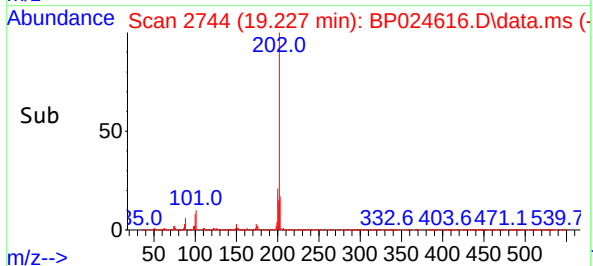
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 349083
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.3
203 17.1 0.0 37.5

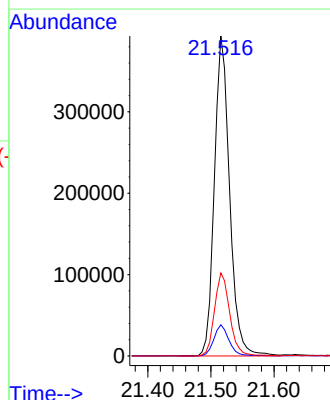
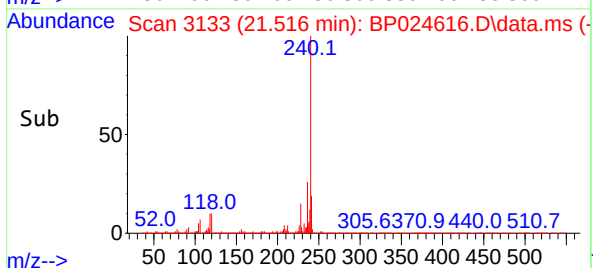
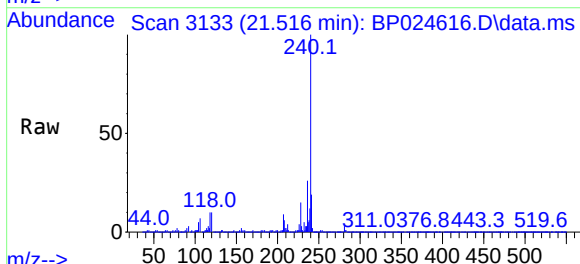
Manual Integrations
APPROVED

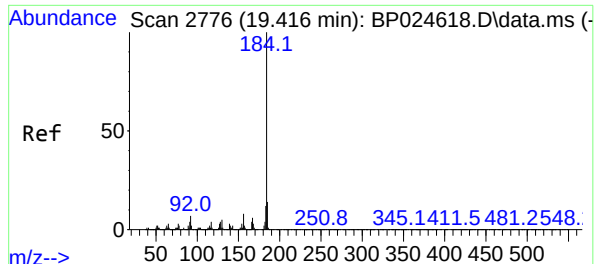
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

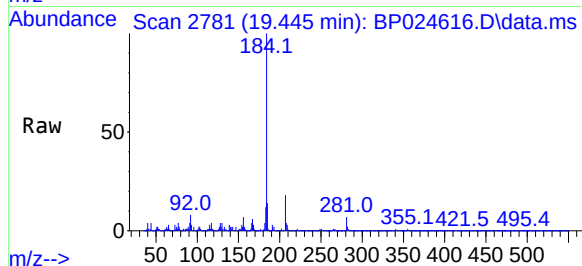
Tgt Ion:240 Resp: 659092
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.6
236 25.9 20.6 31.0





#77
Benzidine
Concen: 6.59 ng m
RT: 19.445 min Scan# 21
Delta R.T. 0.029 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

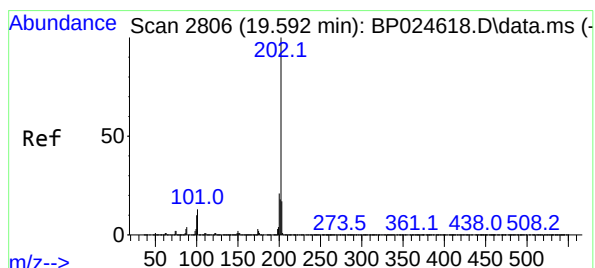
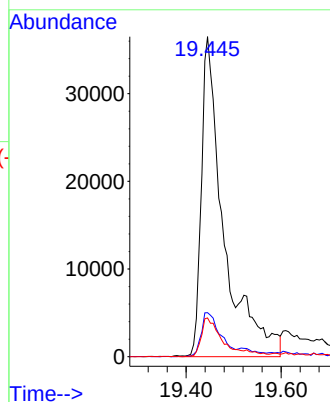
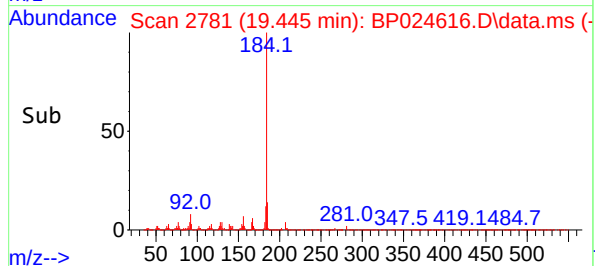
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 119229
Ion Ratio Lower Upper
184 100
185 13.7 11.2 16.8
183 12.1 9.8 14.8

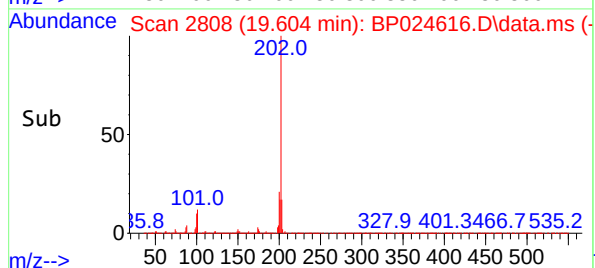
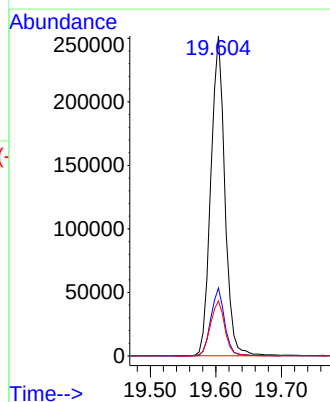
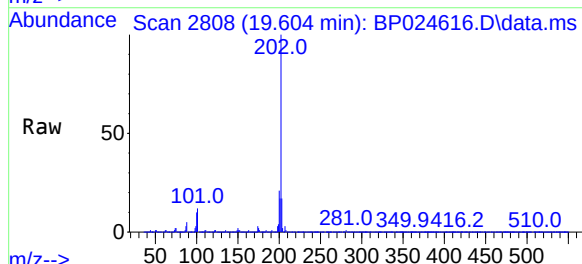
Manual Integrations
APPROVED

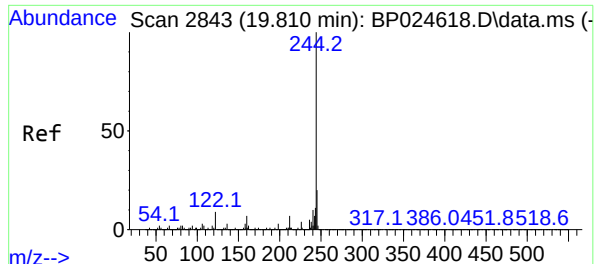
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#78
Pyrene
Concen: 9.48 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:202 Resp: 374573
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.2 13.9 20.9





#79
Terphenyl-d14
Concen: 19.09 ng
RT: 19.822 min Scan# 2845
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

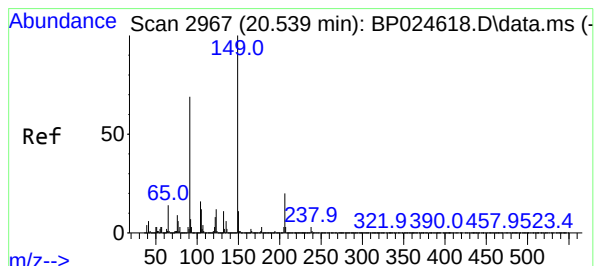
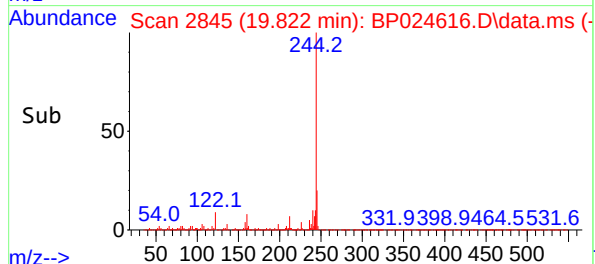
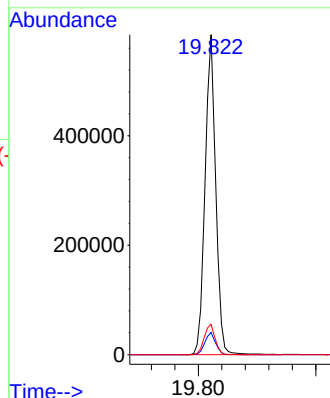
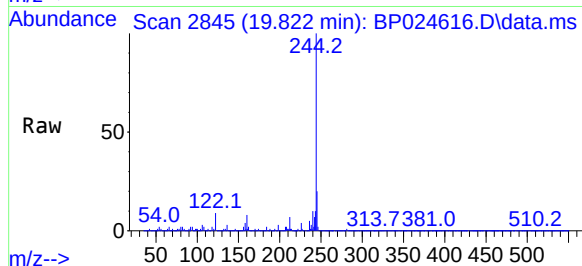
SSTDICC010

Tgt Ion:244 Resp: 73368
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 9.5 7.4 11.0

Manual Integrations

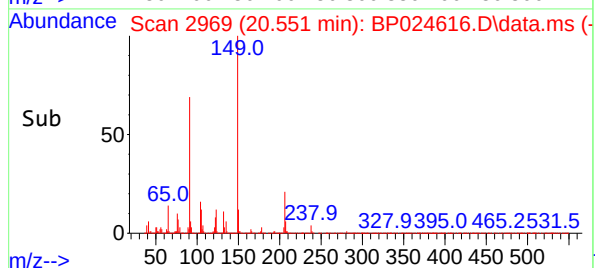
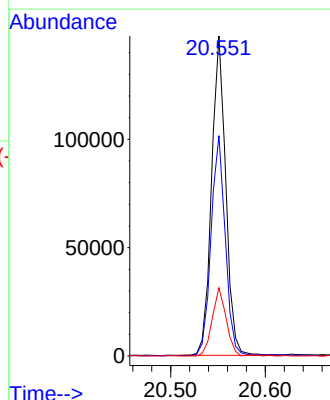
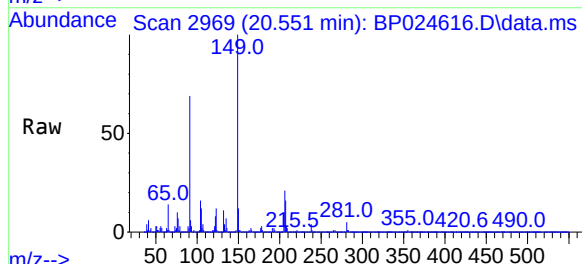
APPROVED

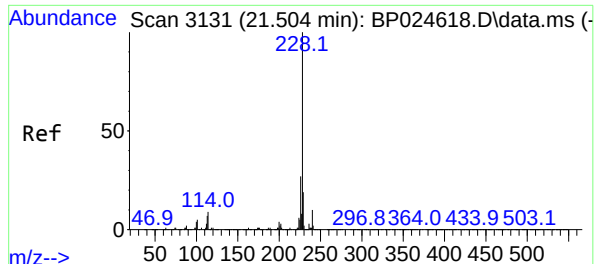
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#80
Butylbenzylphthalate
Concen: 8.73 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:149 Resp: 153275
Ion Ratio Lower Upper
149 100
91 68.8 55.4 83.0
206 21.3 16.2 24.2





#81

Benzo(a)anthracene

Concen: 9.70 ng

RT: 21.498 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 40132

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.0

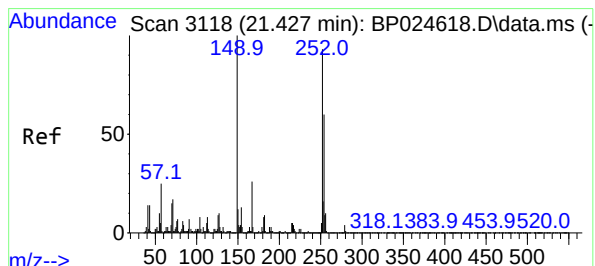
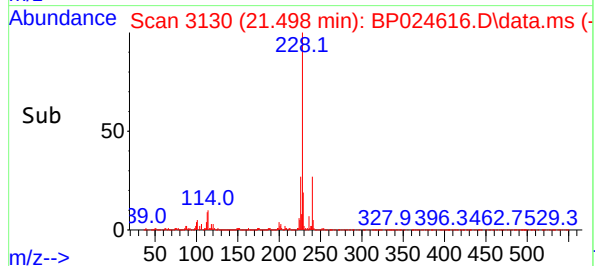
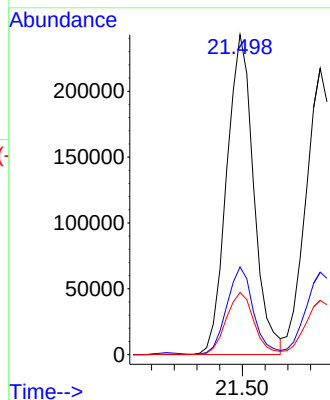
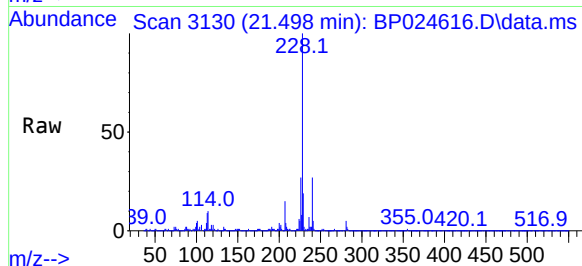
229 19.5 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#82

3,3'-Dichlorobenzidine

Concen: 8.41 ng

RT: 21.433 min Scan# 3119

Delta R.T. 0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

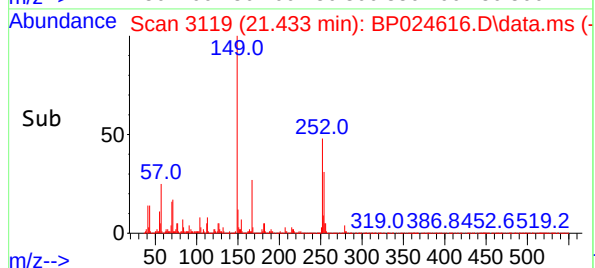
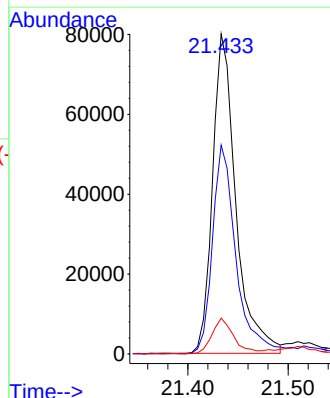
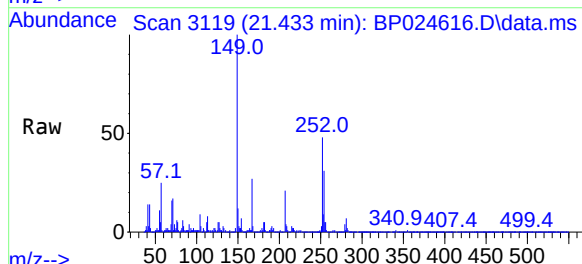
Tgt Ion:252 Resp: 129324

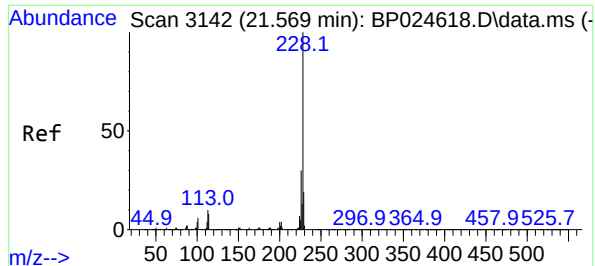
Ion Ratio Lower Upper

252 100

254 65.2 51.8 77.6

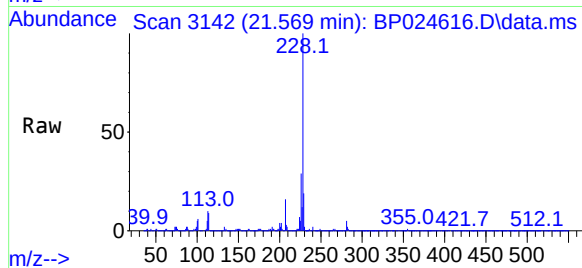
126 11.2 7.7 11.5





#83
Chrysene
Concen: 9.91 ng
RT: 21.569 min Scan# 3142
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

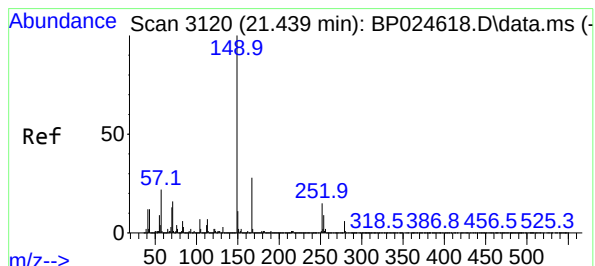
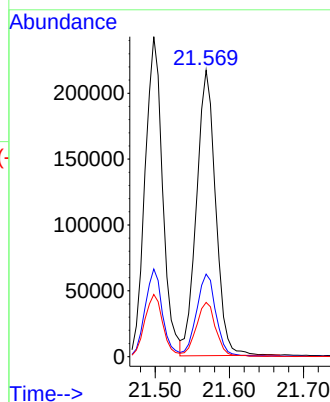
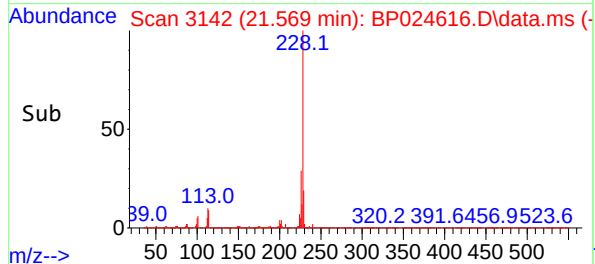
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 388840
Ion Ratio Lower Upper
228 100
226 28.8 23.9 35.9
229 19.0 15.5 23.3

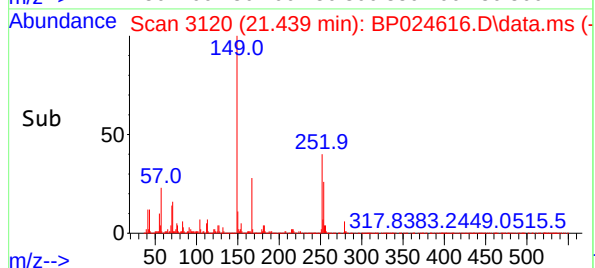
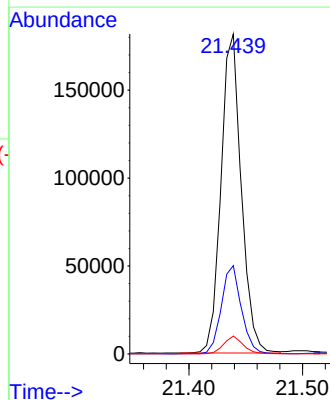
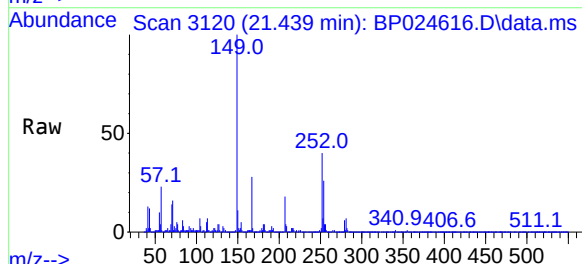
Manual Integrations
APPROVED

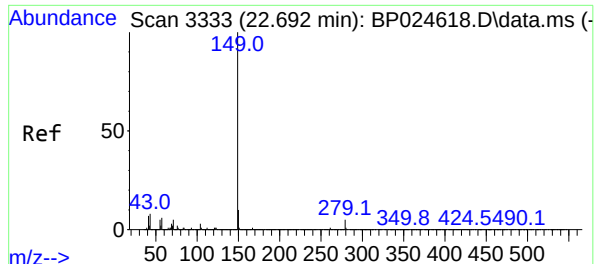
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.72 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

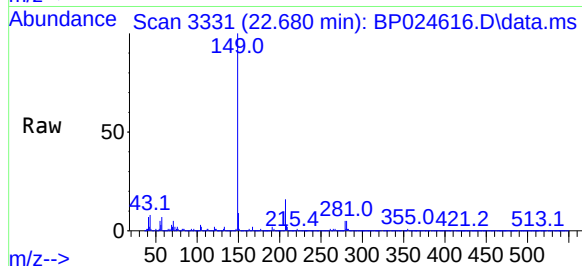
Tgt Ion:149 Resp: 225047
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 5.6 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 8.72 ng
RT: 22.680 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

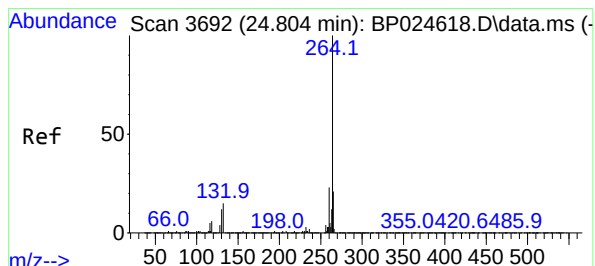
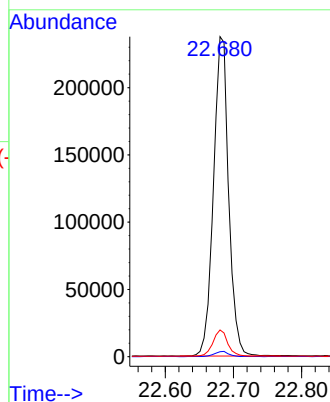
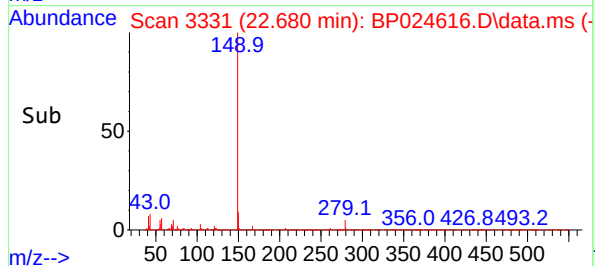
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 367934
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.0 6.3 9.5

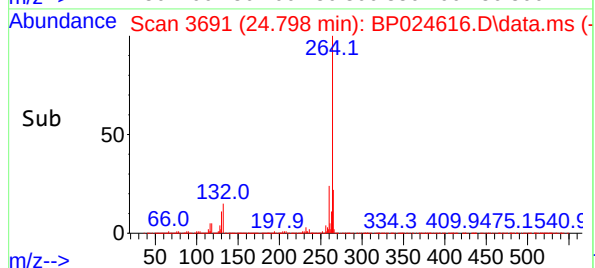
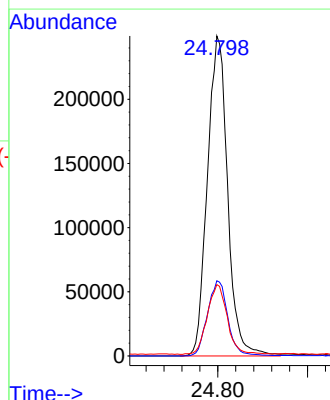
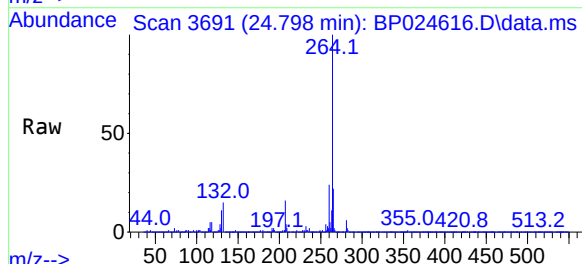
Manual Integrations
APPROVED

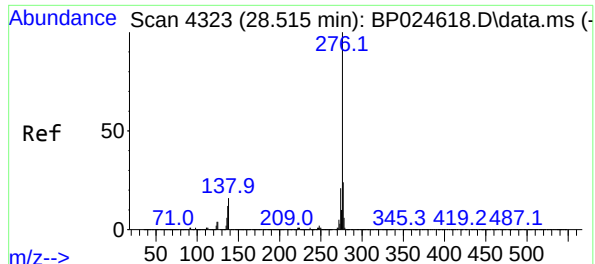
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.798 min Scan# 3691
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

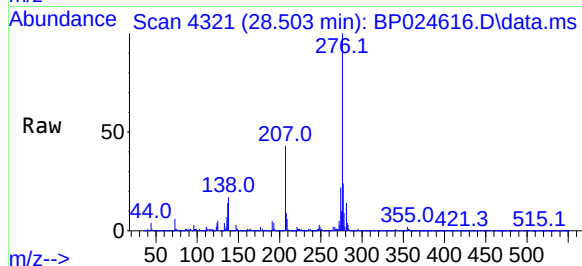
Tgt Ion:264 Resp: 780142
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 22.3 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.29 ng
RT: 28.503 min Scan# 4323
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

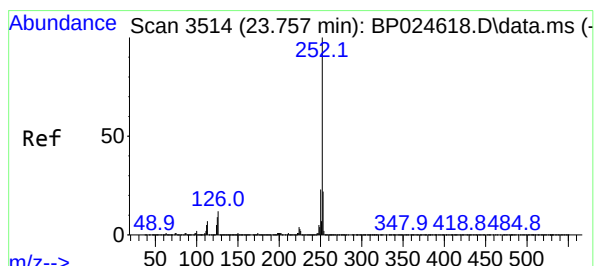
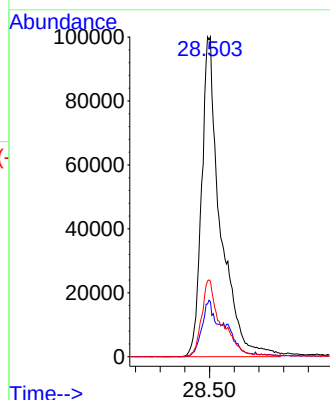
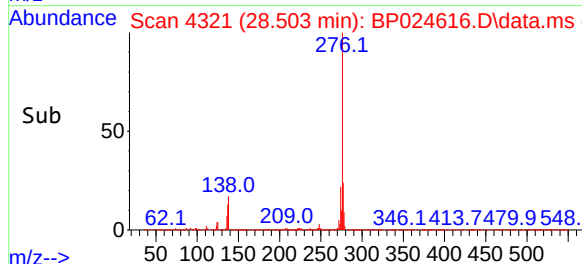
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 276 Resp: 529260
Ion Ratio Lower Upper
276 100
138 15.5 11.2 16.8
277 24.8 15.7 23.5

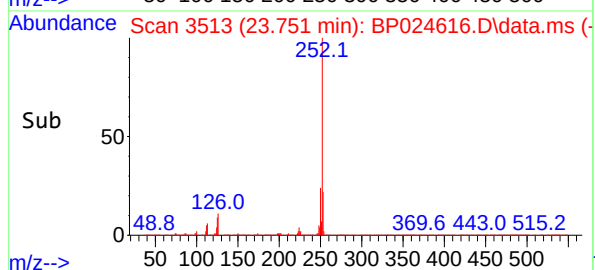
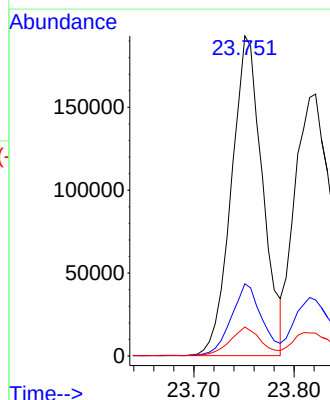
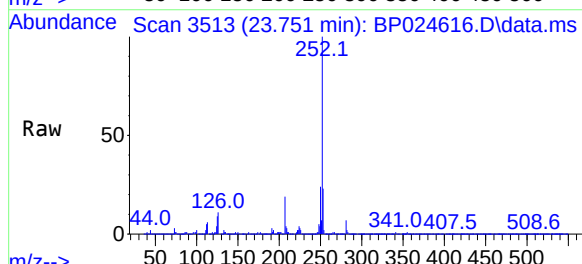
Manual Integrations
APPROVED

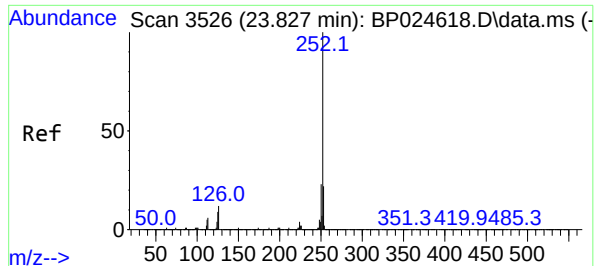
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#88
Benzo(b)fluoranthene
Concen: 9.35 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 252 Resp: 417343
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 9.1 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 9.38 ng

RT: 23.821 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

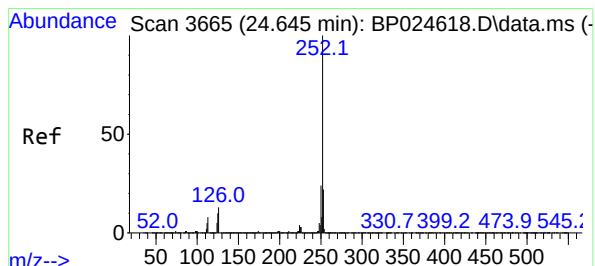
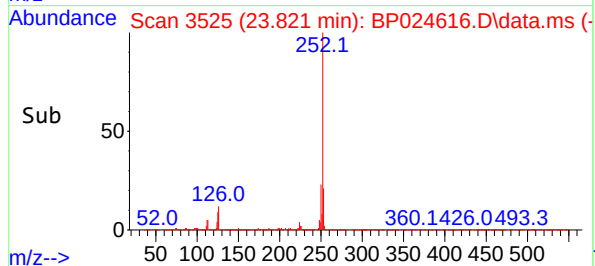
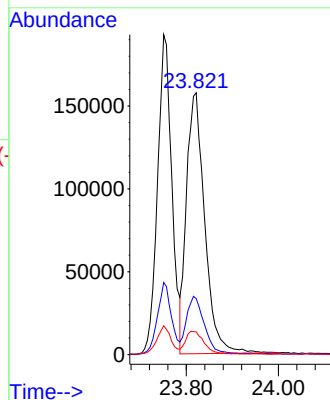
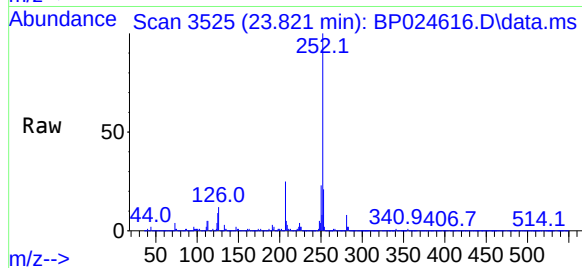
SSTDICC010

Tgt Ion:	252	Resp:	43157
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.6	26.4
125	8.7	7.0	10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#90

Benzo(a)pyrene

Concen: 9.10 ng

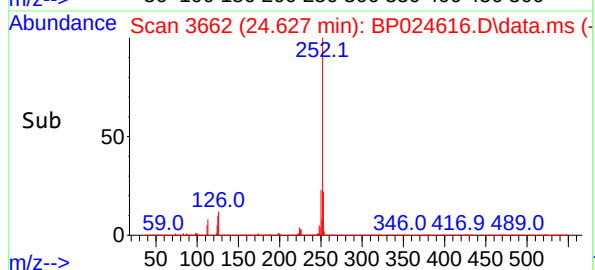
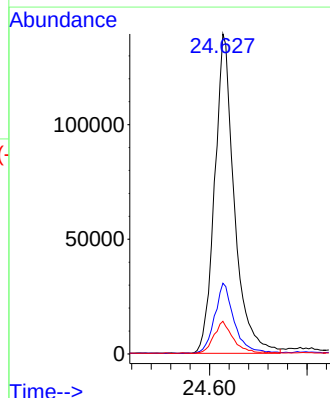
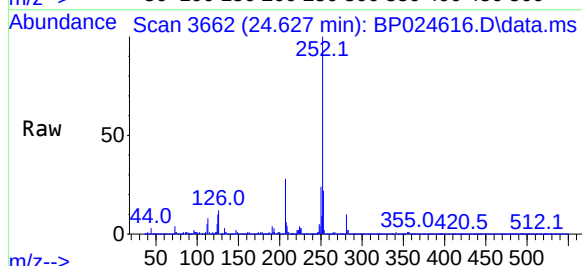
RT: 24.627 min Scan# 3662

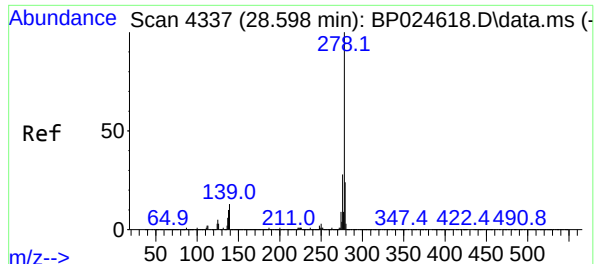
Delta R.T. -0.018 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Tgt Ion:	252	Resp:	390288
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.7	26.5
125	10.2	8.1	12.1





#91

Dibenzo(a,h)anthracene

Concen: 8.97 ng

RT: 28.574 min Scan# 41

Delta R.T. -0.024 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:278 Resp: 41576

Ion Ratio Lower Upper

278 100

139 12.7 10.2 15.4

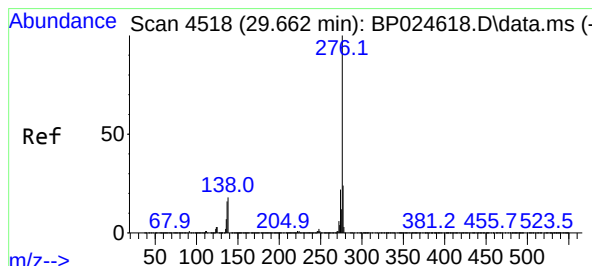
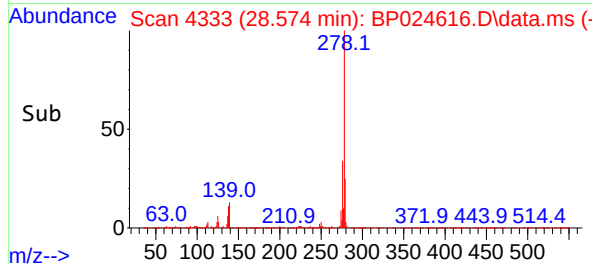
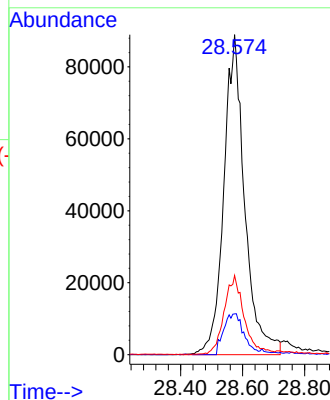
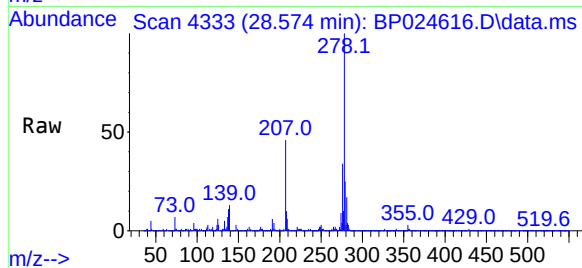
279 24.7 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#92

Benzo(g,h,i)perylene

Concen: 9.37 ng

RT: 29.650 min Scan# 4516

Delta R.T. -0.012 min

Lab File: BP024616.D

Acq: 13 May 2025 12:03

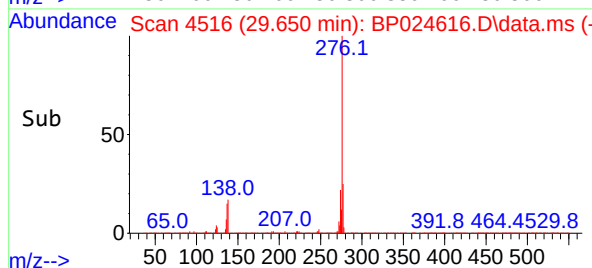
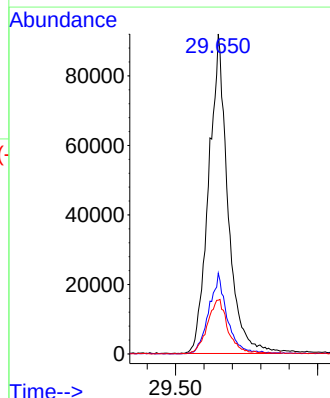
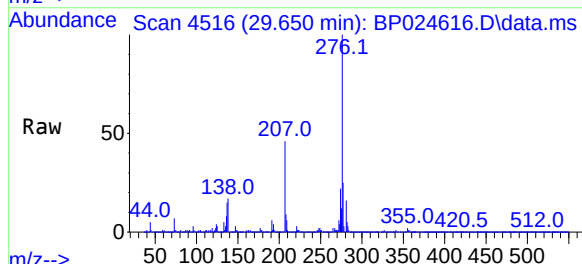
Tgt Ion:276 Resp: 431559

Ion Ratio Lower Upper

276 100

277 25.3 19.0 28.4

138 16.8 14.4 21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024617.D
 Acq On : 13 May 2025 12:43
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:05:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	112650	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	488721	20.00	ng	0.00
39) Acenaphthene-d10	14.299	164	323928	20.00	ng	0.00
64) Phenanthrene-d10	17.087	188	644367	20.00	ng	-0.01
76) Chrysene-d12	21.522	240	745224	20.00	ng	0.00
86) Perylene-d12	24.792	264	850264	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	261821	39.75	ng	0.00
7) Phenol-d6	6.858	99	334811	39.83	ng	0.00
23) Nitrobenzene-d5	8.811	82	391739	40.50	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	217092	39.53	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1006150	40.69	ng	0.00
79) Terphenyl-d14	19.810	244	1736879	39.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.229	88	60251	19.48	ng	98
3) Pyridine	3.628	79	135451	19.75	ng	99
4) n-Nitrosodimethylamine	3.540	42	59324	19.59	ng	99
6) Aniline	7.005	93	217646	20.05	ng	100
8) 2-Chlorophenol	7.240	128	147726	19.76	ng	99
9) Benzaldehyde	6.822	77	117823m	21.69	ng	
10) Phenol	6.881	94	171949	19.82	ng	99
11) bis(2-Chloroethyl)ether	7.099	93	141599	19.86	ng	99
12) 1,3-Dichlorobenzene	7.552	146	171270	19.91	ng	99
13) 1,4-Dichlorobenzene	7.699	146	171756	19.85	ng	98
14) 1,2-Dichlorobenzene	8.011	146	168795	20.02	ng	99
15) Benzyl Alcohol	7.911	79	127076	19.89	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	171274	20.06	ng	100
17) 2-Methylphenol	8.111	107	124506	20.01	ng	99
18) Hexachloroethane	8.728	117	65527	19.76	ng	97
19) n-Nitroso-di-n-propyla...	8.458	70	122386	21.05	ng	98
20) 3+4-Methylphenols	8.440	107	169264	20.00	ng	97
22) Acetophenone	8.481	105	249692	20.45	ng	# 100
24) Nitrobenzene	8.858	77	173686	20.40	ng	99
25) Isophorone	9.375	82	339697	20.25	ng	100
26) 2-Nitrophenol	9.563	139	82278	19.73	ng	98
27) 2,4-Dimethylphenol	9.622	122	146819	19.96	ng	97
28) bis(2-Chloroethoxy)met...	9.852	93	200872	20.04	ng	99
29) 2,4-Dichlorophenol	10.099	162	141785	19.90	ng	98
30) 1,2,4-Trichlorobenzene	10.299	180	159998	19.92	ng	95
31) Naphthalene	10.481	128	512888	20.25	ng	100
32) Benzoic acid	9.746	122	71538m	18.73	ng	
33) 4-Chloroaniline	10.605	127	205433	20.10	ng	99
34) Hexachlorobutadiene	10.763	225	103364	19.87	ng	99
35) Caprolactam	11.381	113	50721	19.68	ng	99
36) 4-Chloro-3-methylphenol	11.734	107	174840	20.12	ng	99
37) 2-Methylnaphthalene	12.093	142	327447	19.97	ng	99
38) 1-Methylnaphthalene	12.316	142	352091	20.07	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	185982	19.77	ng	99
41) Hexachlorocyclopentadiene	12.440	237	113499	19.90	ng	98
43) 2,4,6-Trichlorophenol	12.722	196	121520	19.95	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024617.D
 Acq On : 13 May 2025 12:43
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:05:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	135306	19.95	ng	98
46) 1,1'-Biphenyl	13.116	154	483352	20.19	ng	100
47) 2-Chloronaphthalene	13.163	162	366247	20.06	ng	100
48) 2-Nitroaniline	13.375	65	107062	19.81	ng	98
49) Acenaphthylene	14.016	152	621997	20.36	ng	100
50) Dimethylphthalate	13.751	163	491623	19.91	ng	99
51) 2,6-Dinitrotoluene	13.869	165	105479	20.23	ng	97
52) Acenaphthene	14.357	154	354519	20.19	ng	99
53) 3-Nitroaniline	14.210	138	106527	20.01	ng	98
54) 2,4-Dinitrophenol	14.428	184	46351	19.37	ng	91
55) Dibenzofuran	14.698	168	563719	20.12	ng	99
56) 4-Nitrophenol	14.551	139	71975	19.02	ng	93
57) 2,4-Dinitrotoluene	14.675	165	147676	20.09	ng	99
58) Fluorene	15.357	166	456792	20.00	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	123265	19.59	ng	99
60) Diethylphthalate	15.128	149	497916	19.95	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	226790	19.91	ng	98
62) 4-Nitroaniline	15.393	138	105617	20.37	ng	99
63) Azobenzene	15.651	77	439183	20.57	ng	99
65) 4,6-Dinitro-2-methylph...	15.451	198	77131	18.53	ng	96
66) n-Nitrosodiphenylamine	15.575	169	404085	20.42	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	152393	20.07	ng	97
68) Hexachlorobenzene	16.381	284	192290	19.93	ng	99
69) Atrazine	16.545	200	146468	20.19	ng	99
70) Pentachlorophenol	16.740	266	104916	19.36	ng	98
71) Phenanthrene	17.128	178	724922	20.24	ng	100
72) Anthracene	17.222	178	735787	20.42	ng	100
73) Carbazole	17.510	167	669730	20.53	ng	99
74) Di-n-butylphthalate	18.092	149	858522	20.46	ng	100
75) Fluoranthene	19.210	202	846684	20.22	ng	100
77) Benzidine	19.422	184	404890	19.79	ng	99
78) Pyrene	19.592	202	892037	19.98	ng	99
80) Butylbenzylphthalate	20.539	149	400050	20.14	ng	97
81) Benzo(a)anthracene	21.498	228	933614	19.95	ng	99
82) 3,3'-Dichlorobenzidine	21.428	252	353000	20.31	ng	100
83) Chrysene	21.569	228	883001	19.91	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	597012	20.45	ng	98
85) Di-n-octyl phthalate	22.686	149	947571	19.85	ng	99
87) Indeno(1,2,3-cd)pyrene	28.486	276	1230125m	19.81	ng	
88) Benzo(b)fluoranthene	23.757	252	979873	20.13	ng	99
89) Benzo(k)fluoranthene	23.822	252	1005349	20.05	ng	100
90) Benzo(a)pyrene	24.627	252	945764	20.23	ng	100
91) Dibenzo(a,h)anthracene	28.568	278	1008288	19.97	ng	99
92) Benzo(g,h,i)perylene	29.627	276	991852	19.75	ng	99

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

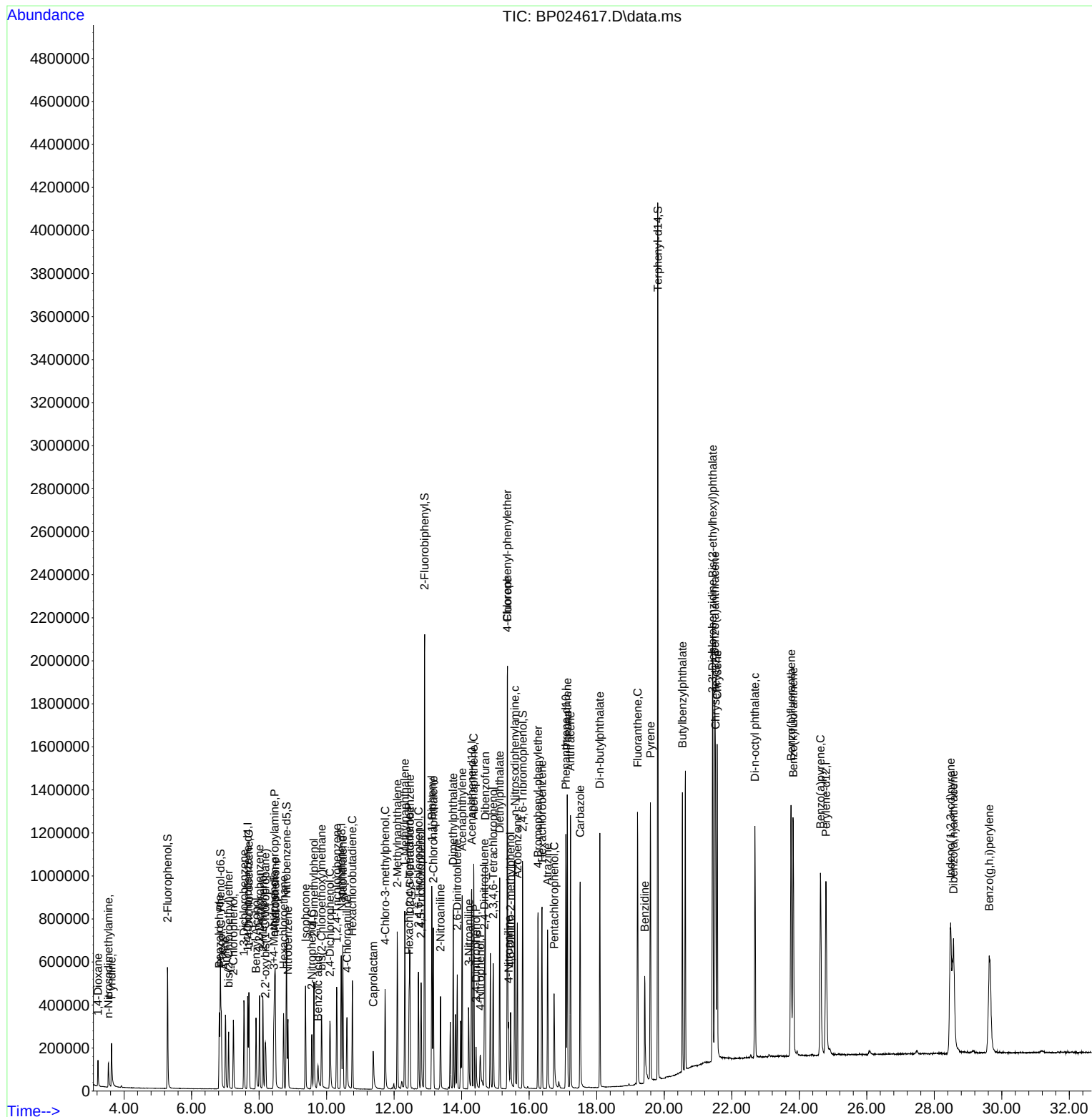
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\  
Data File : BP024617.D  
Acq On    : 13 May 2025  12:43  
Operator  : RC/JU  
Sample    : SSTDICC020  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
```

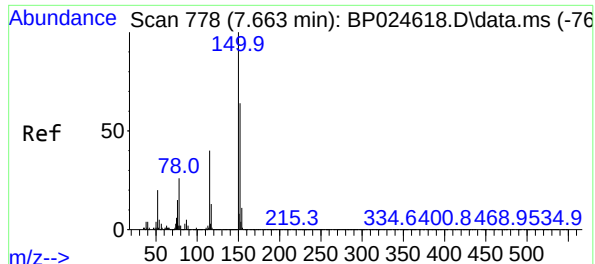
Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

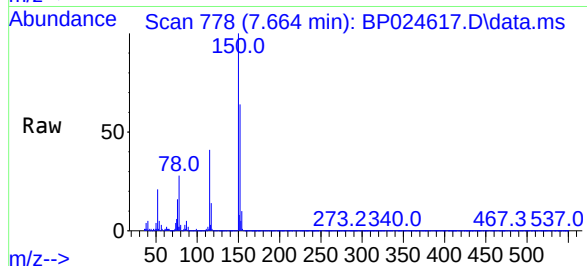
Quant Time: May 13 16:05:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.664 min Scan# 71
Delta R.T. 0.001 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

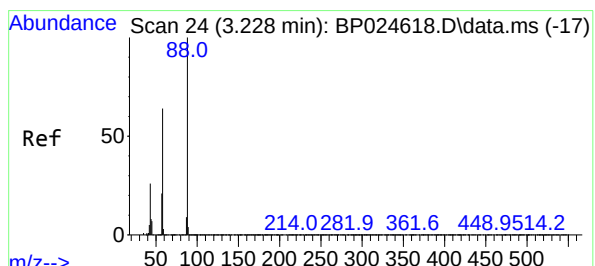
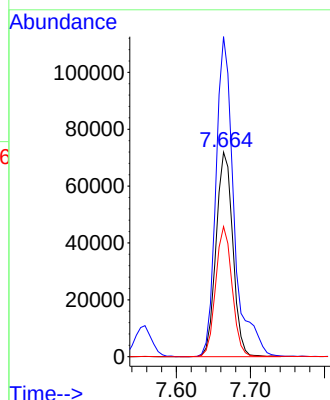
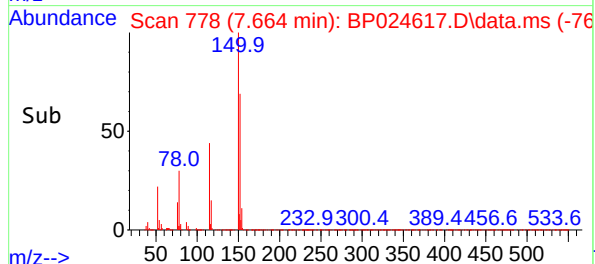
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 112650
Ion Ratio Lower Upper
152 100
150 156.4 125.9 188.9
115 63.6 50.1 75.1

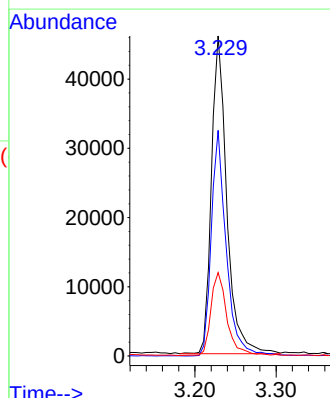
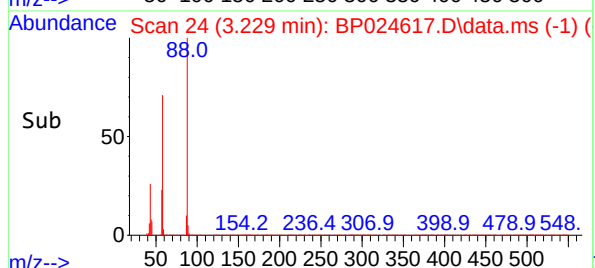
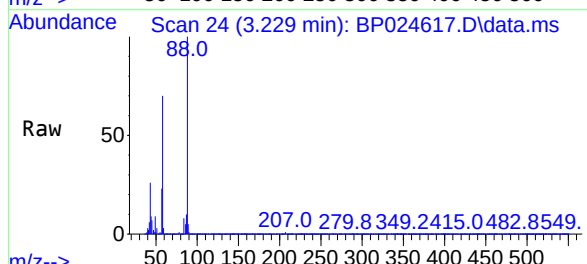
Manual Integrations
APPROVED

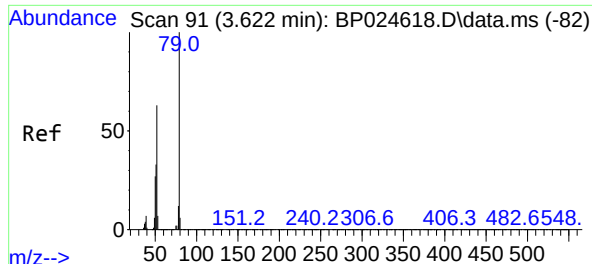
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#2
1,4-Dioxane
Concen: 19.48 ng
RT: 3.229 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 88 Resp: 60251
Ion Ratio Lower Upper
88 100
58 69.2 54.0 81.0
43 27.3 21.4 32.0





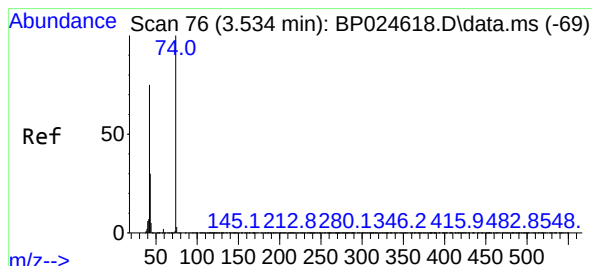
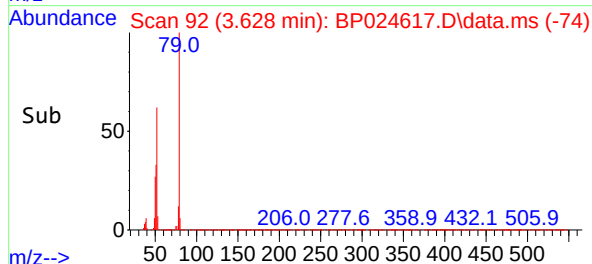
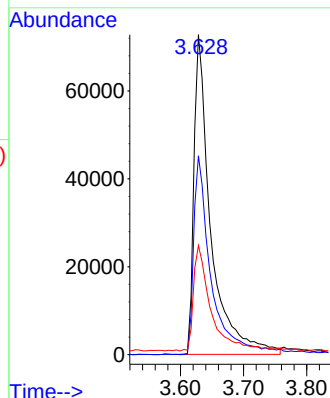
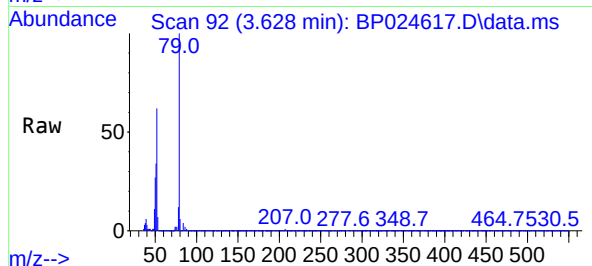
#3
Pyridine
Concen: 19.75 ng
RT: 3.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
Client Sample Id :
SSTDICC020

Tgt Ion: 79 Resp: 13545
Ion Ratio Lower Upper
79 100
52 62.1 50.2 75.2
51 34.1 26.8 40.2

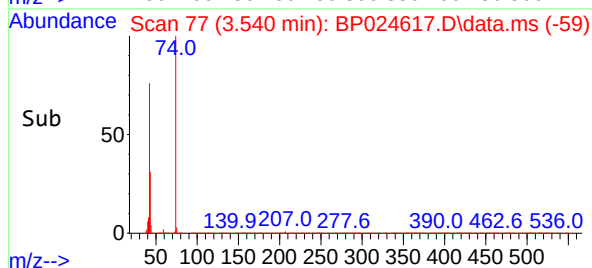
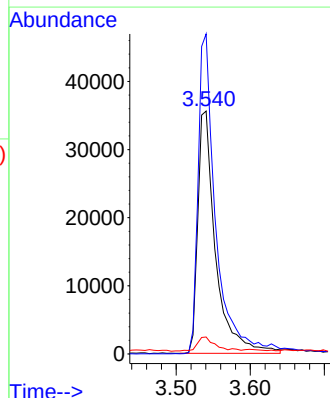
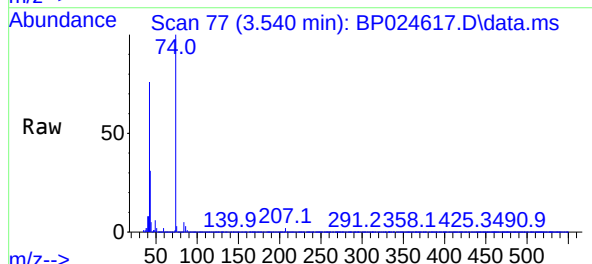
Manual Integrations
APPROVED

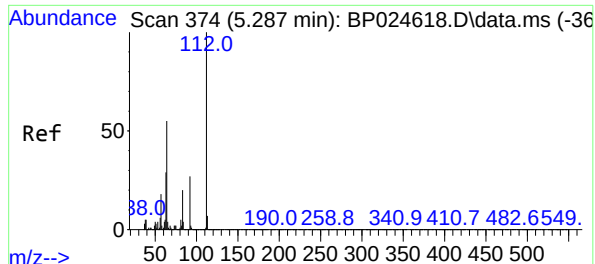
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#4
n-Nitrosodimethylamine
Concen: 19.59 ng
RT: 3.540 min Scan# 77
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

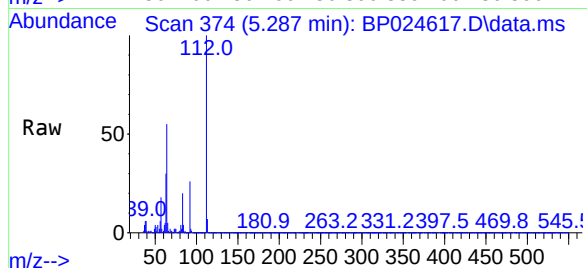
Tgt Ion: 42 Resp: 59324
Ion Ratio Lower Upper
42 100
74 131.7 106.2 159.2
44 7.0 5.4 8.2





#5
2-Fluorophenol
Concen: 39.75 ng
RT: 5.287 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

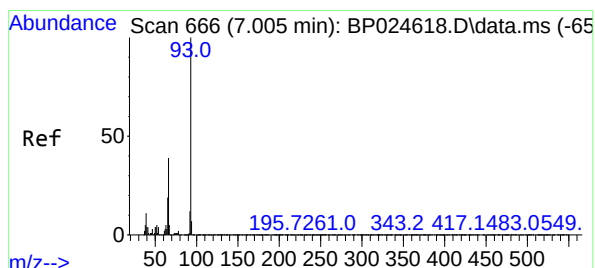
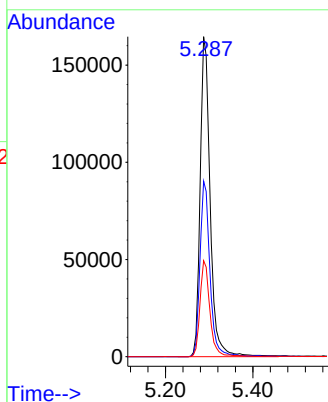
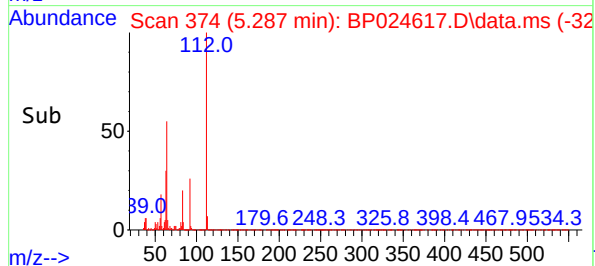
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 112 Resp: 26182
Ion Ratio Lower Upper
112 100
64 54.8 44.1 66.1
63 30.0 23.5 35.3

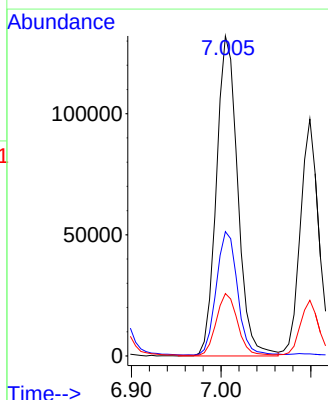
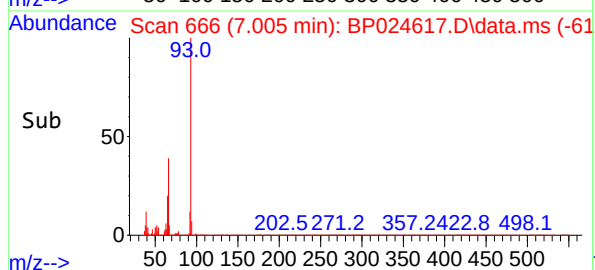
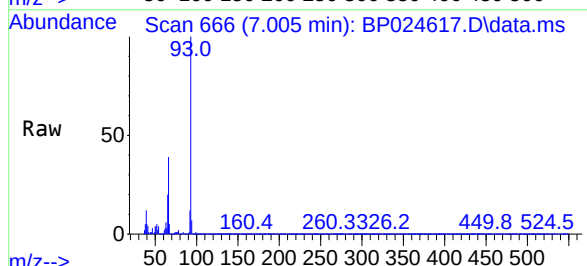
Manual Integrations
APPROVED

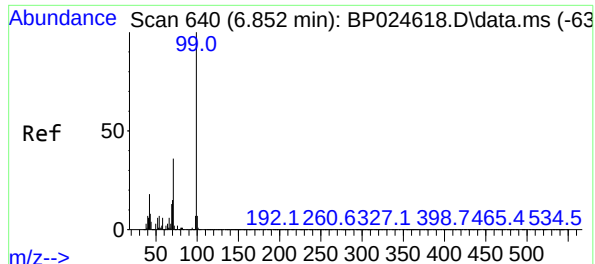
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#6
Aniline
Concen: 20.05 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

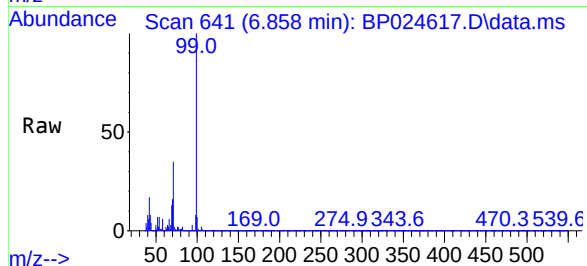
Tgt Ion: 93 Resp: 217646
Ion Ratio Lower Upper
93 100
66 38.8 31.0 46.6
65 19.5 15.5 23.3





#7
Phenol-d6
Concen: 39.83 ng
RT: 6.858 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

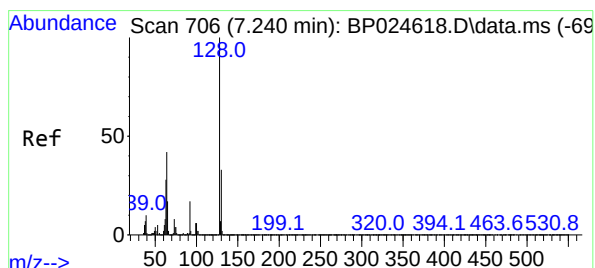
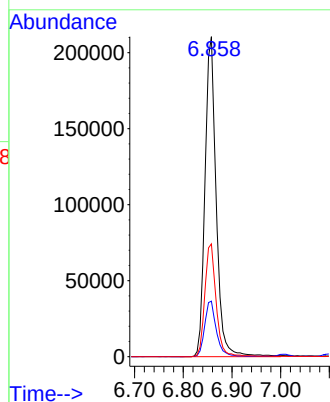
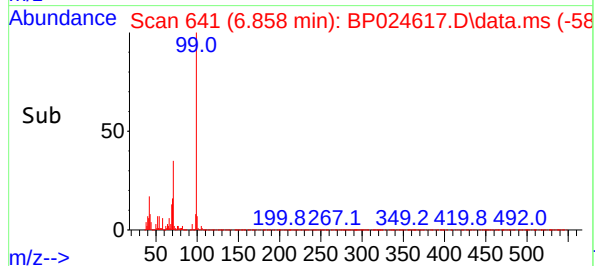
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 33481
Ion Ratio Lower Upper
99 100
42 17.4 14.4 21.6
71 35.3 29.2 43.8

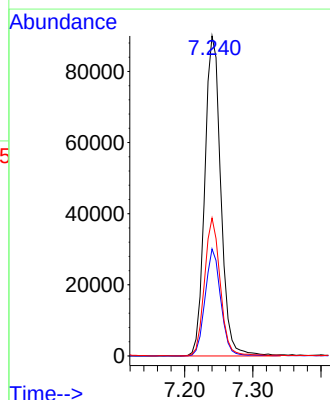
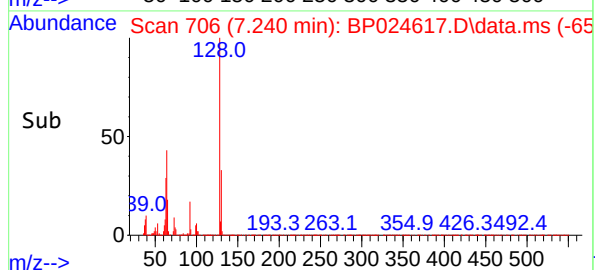
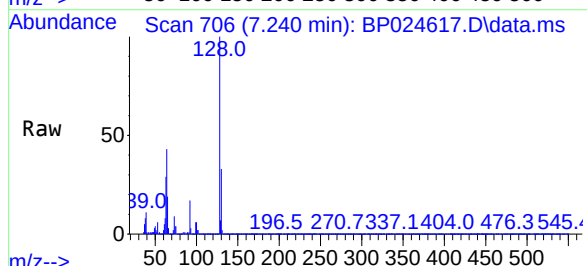
Manual Integrations
APPROVED

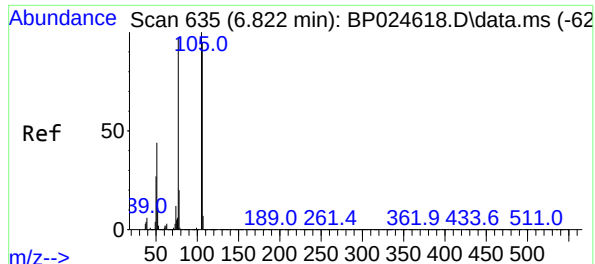
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#8
2-Chlorophenol
Concen: 19.76 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:128 Resp: 147726
Ion Ratio Lower Upper
128 100
130 33.5 13.0 53.0
64 43.1 22.3 62.3





#9

Benzaldehyde

Concen: 21.69 ng m

RT: 6.822 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 11782

Ion Ratio Lower Upper

77 100

105 98.5 83.3 123.3

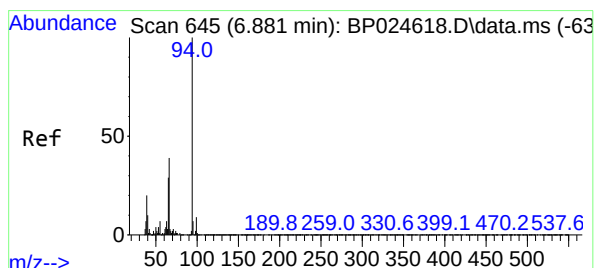
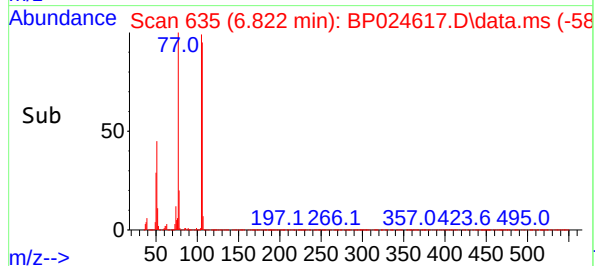
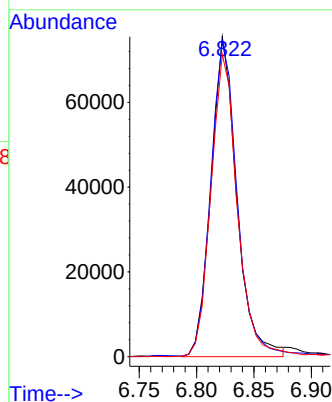
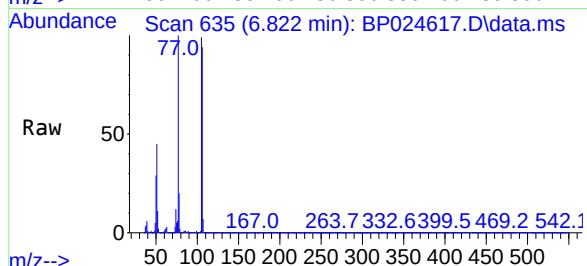
106 94.4 78.0 118.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#10

Phenol

Concen: 19.82 ng

RT: 6.881 min Scan# 645

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

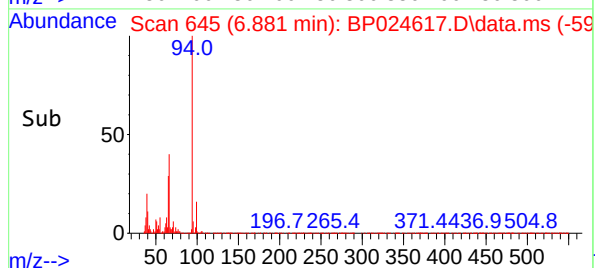
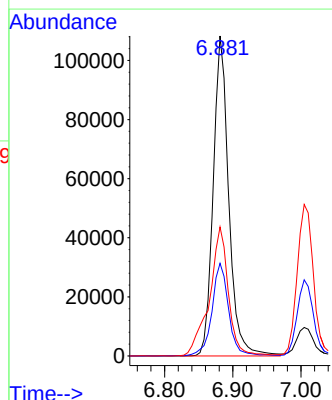
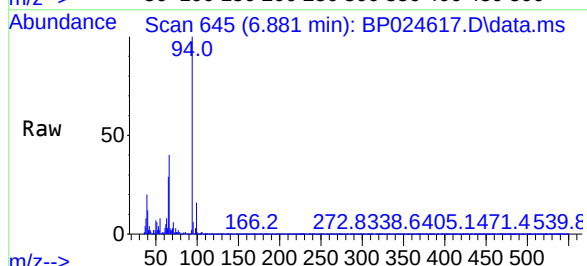
Tgt Ion: 94 Resp: 171949

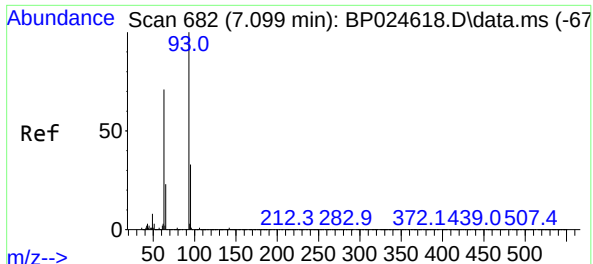
Ion Ratio Lower Upper

94 100

65 28.9 8.7 48.7

66 40.3 19.4 59.4





#11

bis(2-Chloroethyl)ether

Concen: 19.86 ng

RT: 7.099 min Scan# 682

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 141599

Ion Ratio Lower Upper

93 100

63 69.4 50.6 90.6

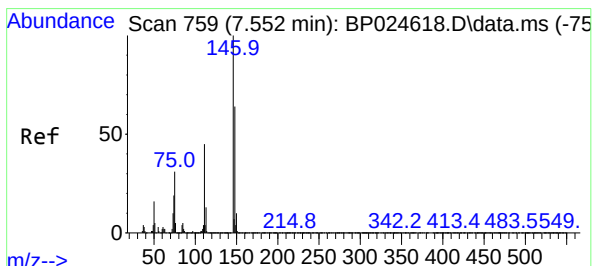
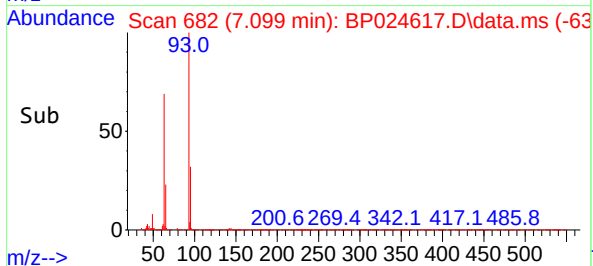
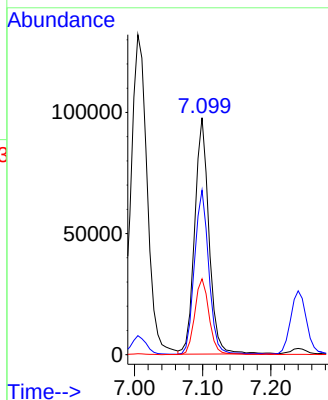
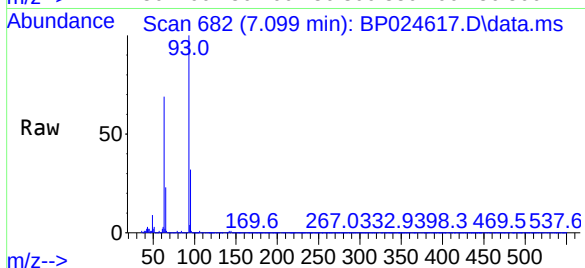
95 32.0 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#12

1,3-Dichlorobenzene

Concen: 19.91 ng

RT: 7.552 min Scan# 759

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

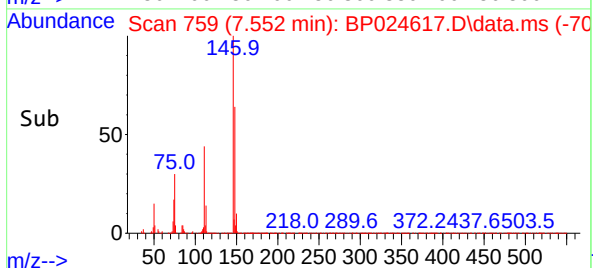
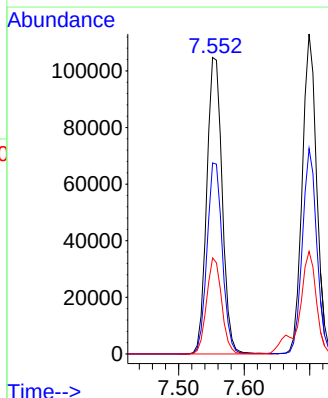
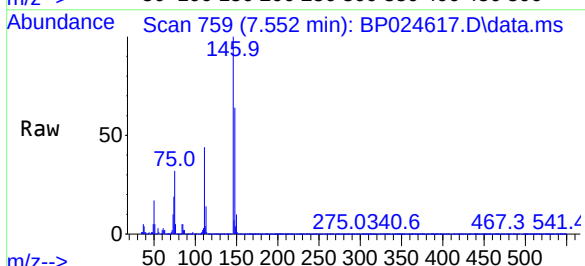
Tgt Ion:146 Resp: 171270

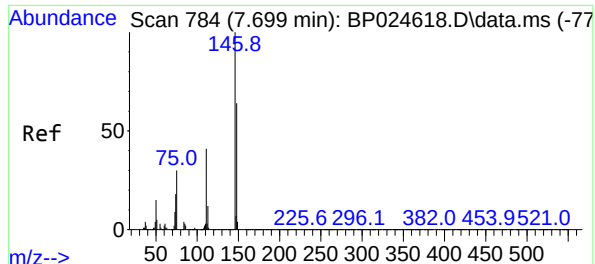
Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.2

75 32.4 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 19.85 ng

RT: 7.699 min Scan# 784

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 171750

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

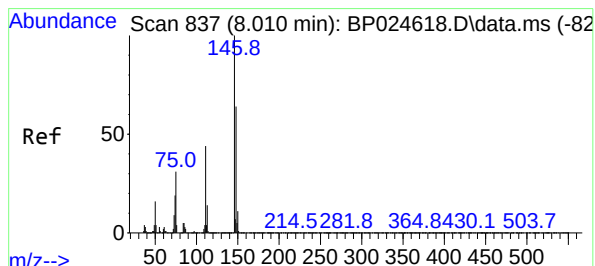
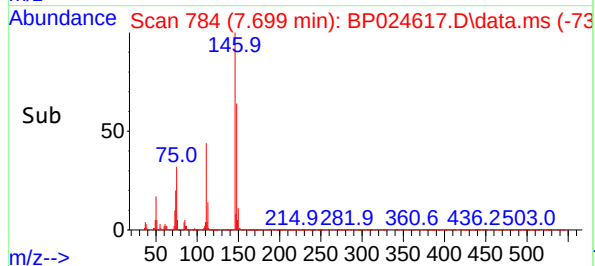
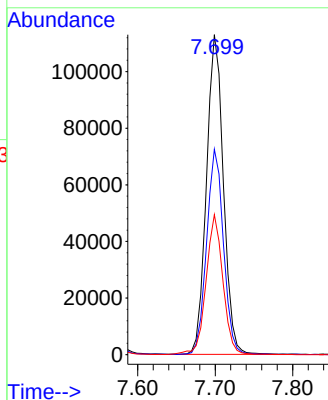
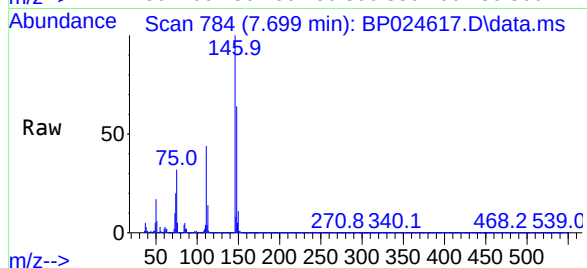
111 43.7 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#14

1,2-Dichlorobenzene

Concen: 20.02 ng

RT: 8.011 min Scan# 837

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

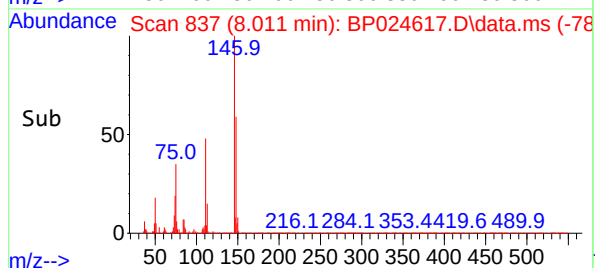
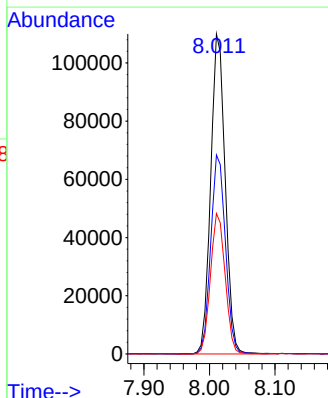
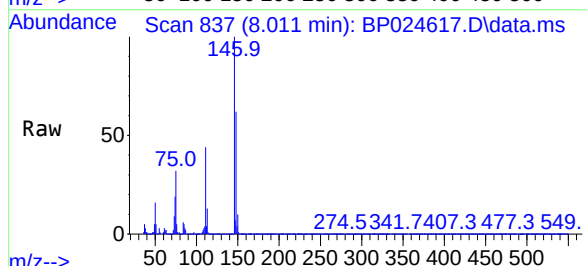
Tgt Ion:146 Resp: 168795

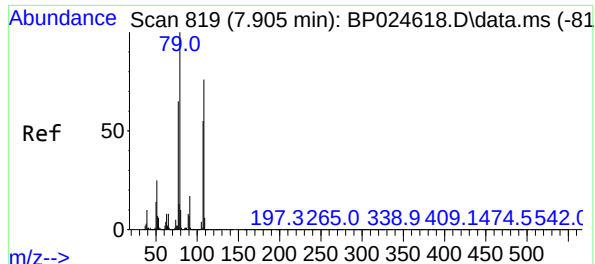
Ion Ratio Lower Upper

146 100

148 62.2 51.0 76.4

111 43.9 35.2 52.8





#15

Benzyl Alcohol

Concen: 19.89 ng

RT: 7.911 min Scan# 819

Delta R.T. 0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 127070

Ion Ratio Lower Upper

79 100

108 74.8 60.8 91.2

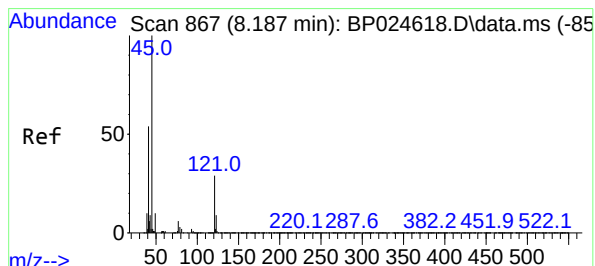
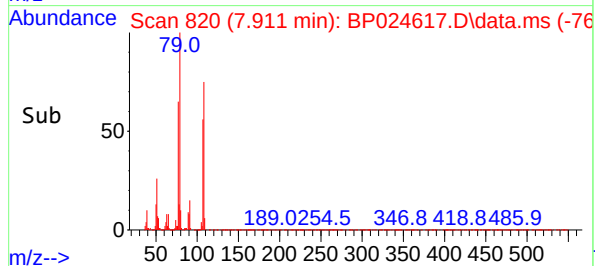
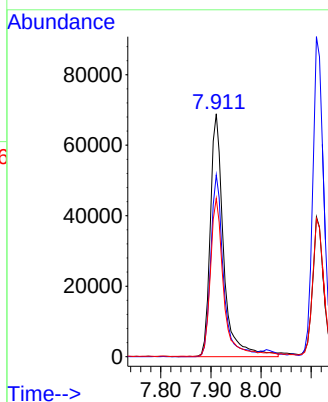
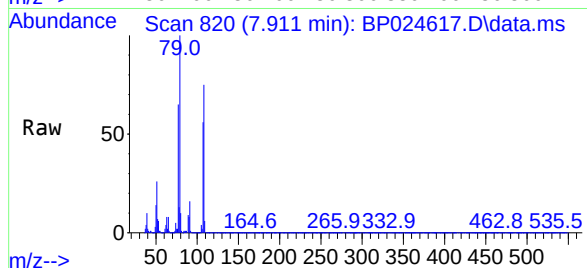
77 65.1 51.9 77.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.06 ng

RT: 8.187 min Scan# 867

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

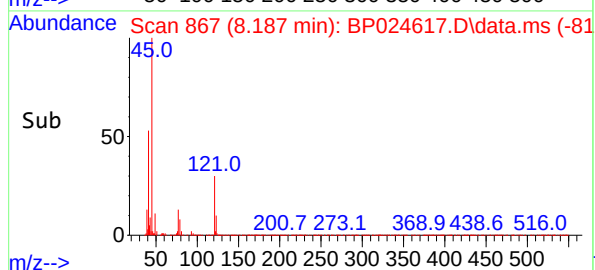
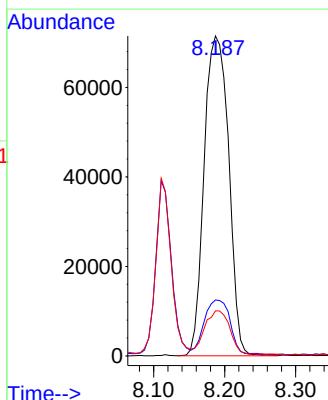
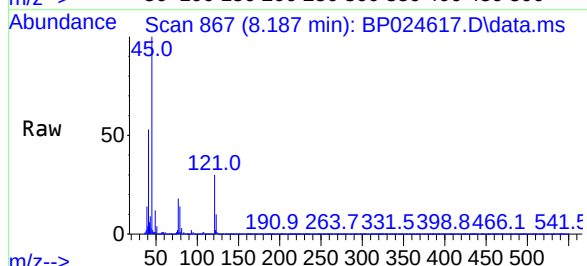
Tgt Ion: 45 Resp: 171274

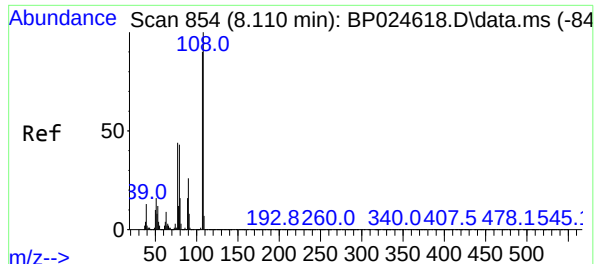
Ion Ratio Lower Upper

45 100

77 17.5 0.0 37.7

79 14.1 0.0 34.0





#17

2-Methylphenol

Concen: 20.01 ng

RT: 8.111 min Scan# 8

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 124500

Ion Ratio Lower Upper

107 100

108 110.8 88.9 133.3

77 47.9 39.0 58.6

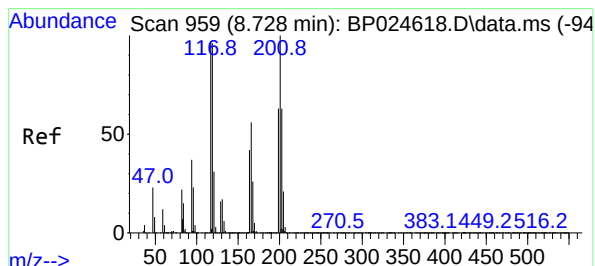
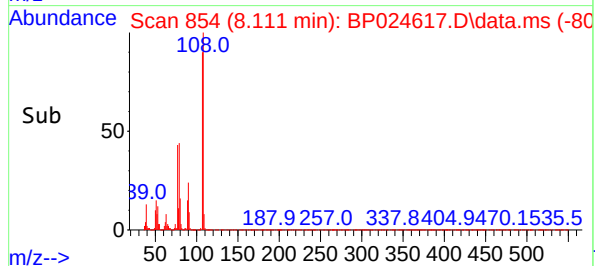
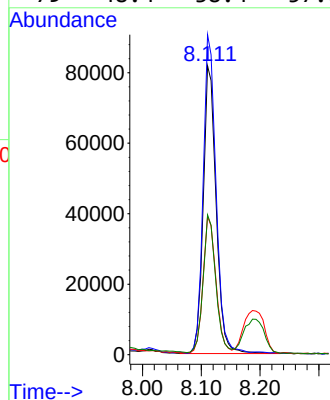
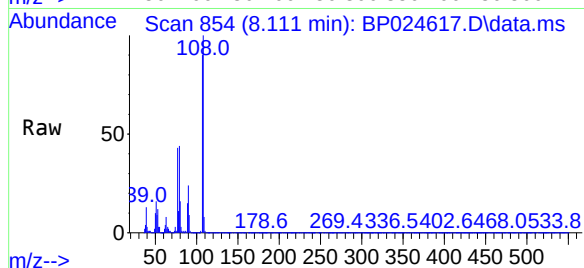
79 48.4 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#18

Hexachloroethane

Concen: 19.76 ng

RT: 8.728 min Scan# 959

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

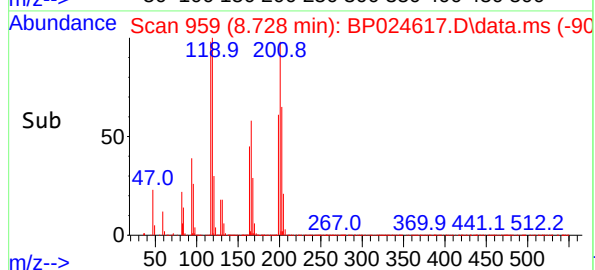
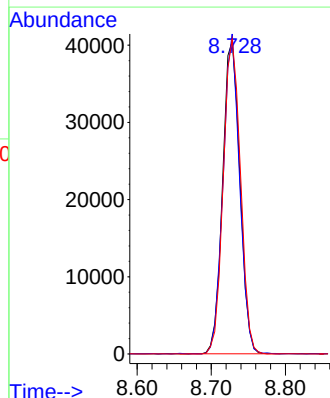
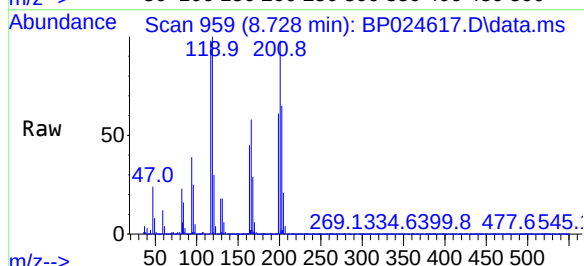
Tgt Ion:117 Resp: 65527

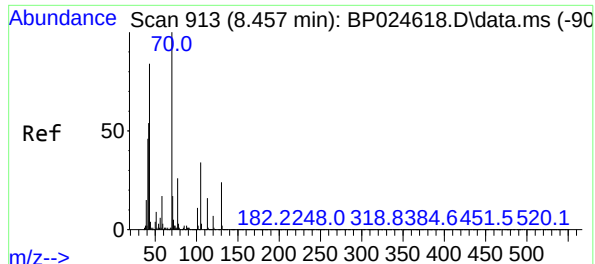
Ion Ratio Lower Upper

117 100

119 102.4 79.4 119.0

201 100.8 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 21.05 ng

RT: 8.458 min Scan# 913

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 122380

Ion Ratio Lower Upper

70 100

42 52.1 43.0 64.6

101 10.5 8.7 13.1

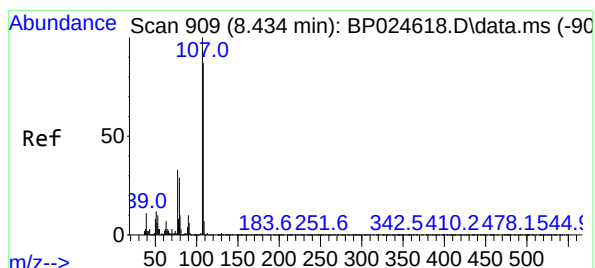
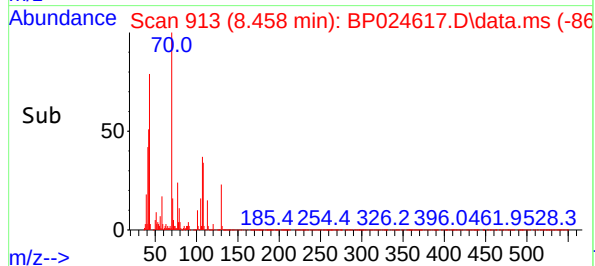
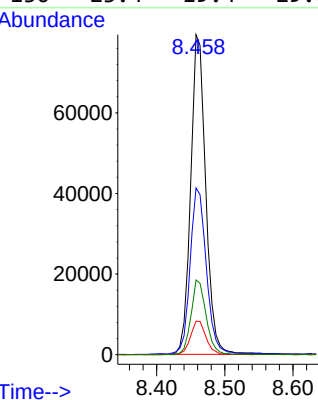
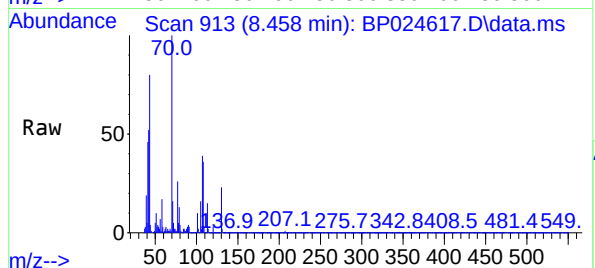
130 23.4 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#20

3+4-Methylphenols

Concen: 20.00 ng

RT: 8.440 min Scan# 910

Delta R.T. 0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Tgt Ion:107 Resp: 169264

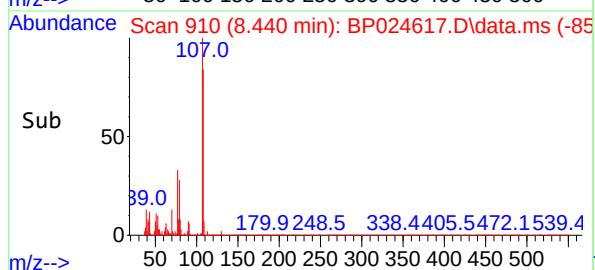
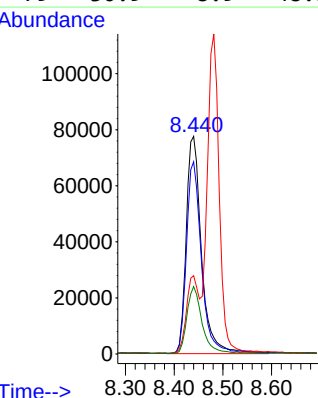
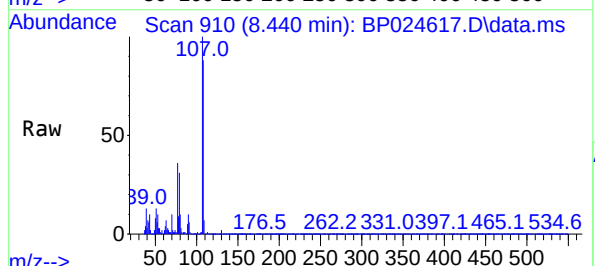
Ion Ratio Lower Upper

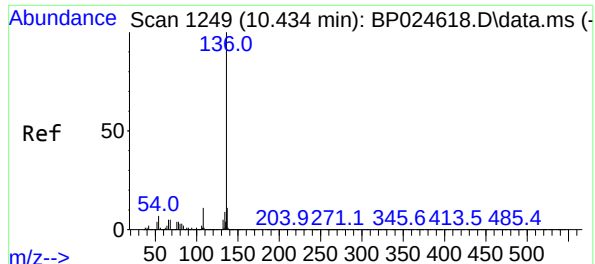
107 100

108 88.3 66.7 106.7

77 35.9 13.1 53.1

79 30.9 8.9 48.9





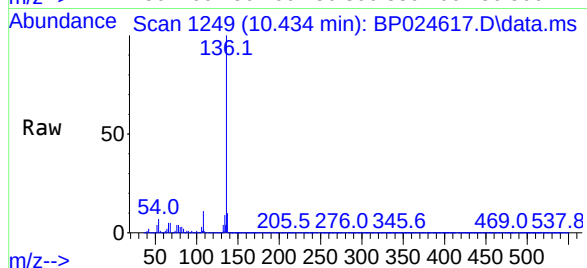
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

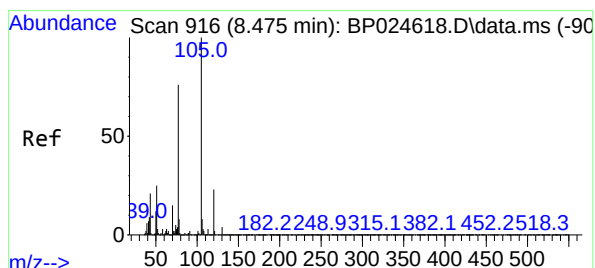
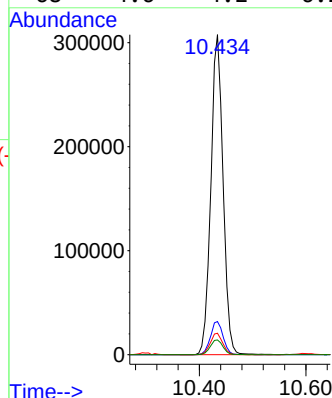
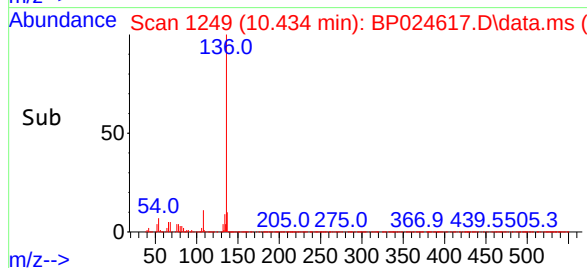


Tgt Ion:136 Resp: 48872
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 6.7 5.5 8.3
68 4.6 4.2 6.2

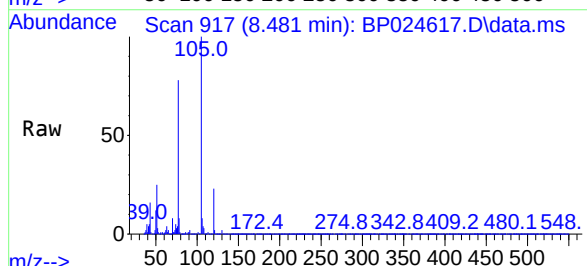
Manual Integrations

APPROVED

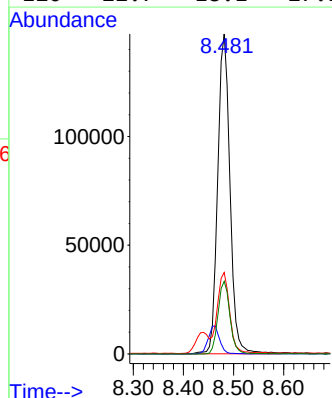
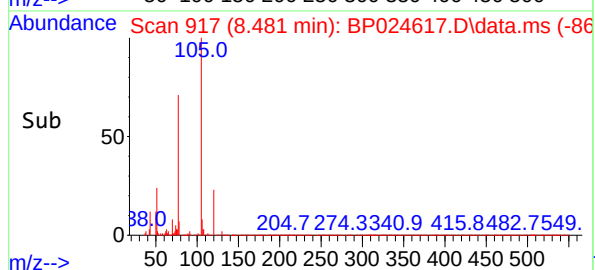
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

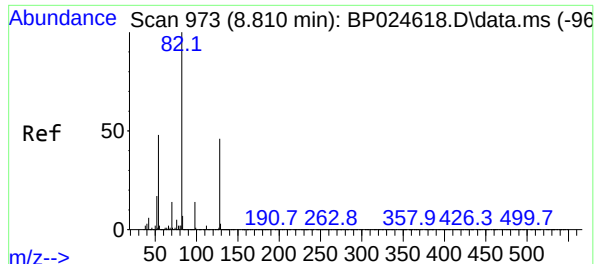


#22
Acetophenone
Concen: 20.45 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43



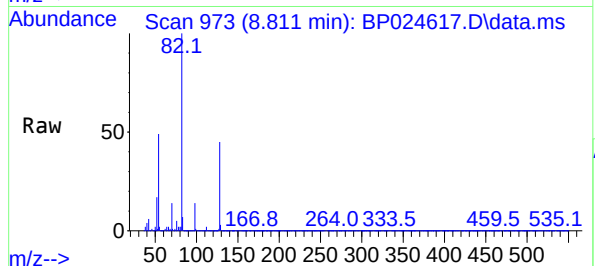
Tgt Ion:105 Resp: 249692
Ion Ratio Lower Upper
105 100
71 1.2 2.0 3.0#
51 25.5 20.4 30.6
120 22.7 18.1 27.1





#23
Nitrobenzene-d5
Concen: 40.50 ng
RT: 8.811 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

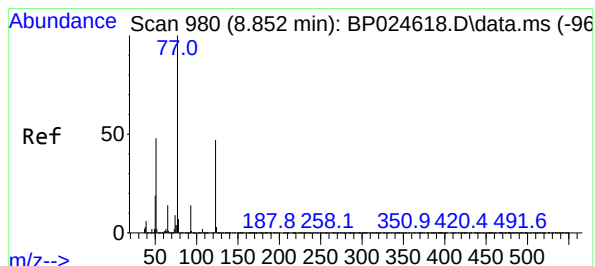
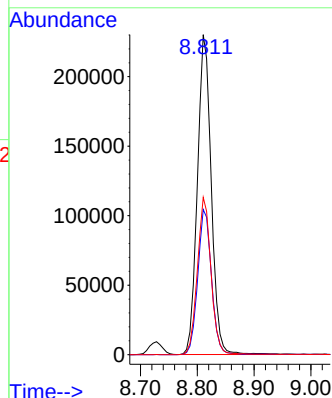
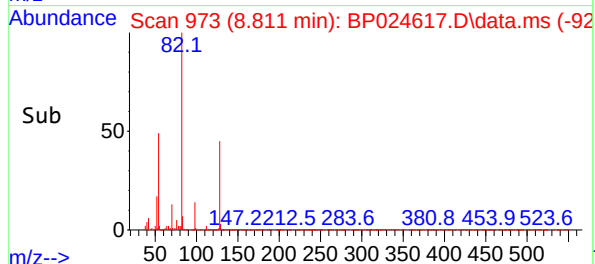
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



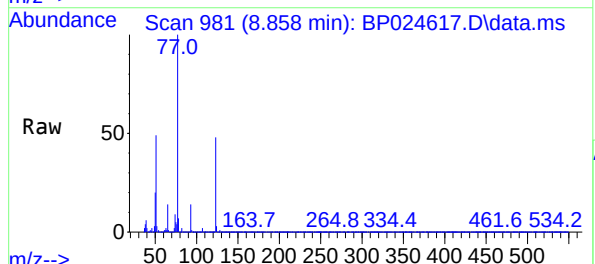
Tgt Ion: 82 Resp: 391739
Ion Ratio Lower Upper
82 100
128 45.4 37.0 55.4
54 49.1 38.7 58.1

Manual Integrations
APPROVED

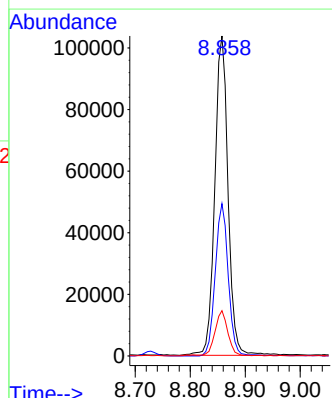
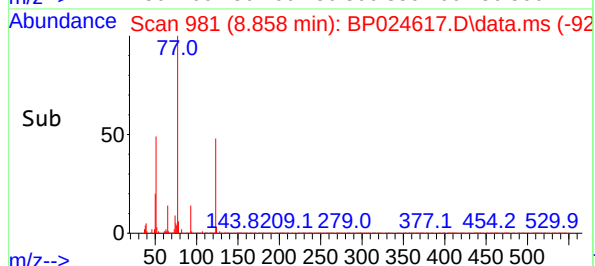
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

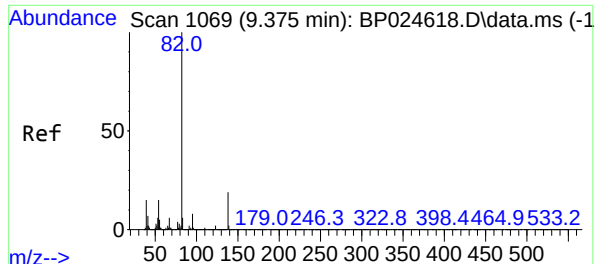


#24
Nitrobenzene
Concen: 20.40 ng
RT: 8.858 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43



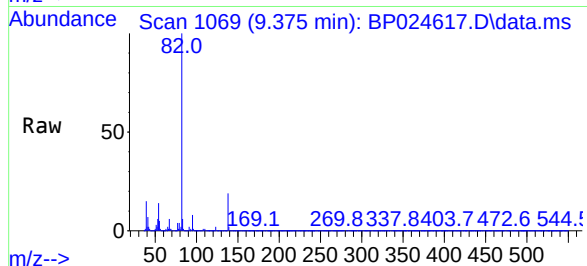
Tgt Ion: 77 Resp: 173686
Ion Ratio Lower Upper
77 100
123 47.6 37.4 56.0
65 14.1 11.3 16.9





#25
Isophorone
Concen: 20.25 ng
RT: 9.375 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

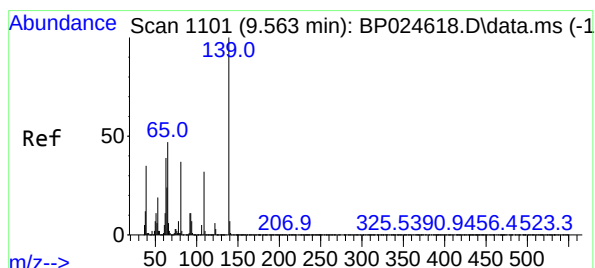
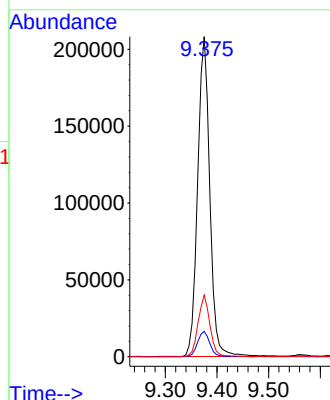
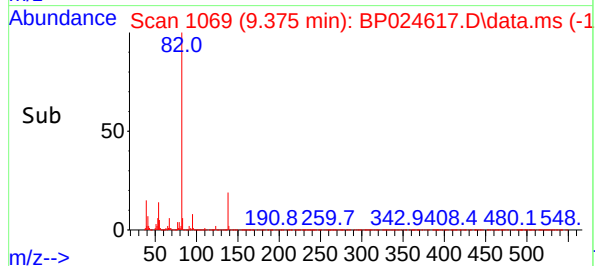
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 33969
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 19.3 15.3 22.9

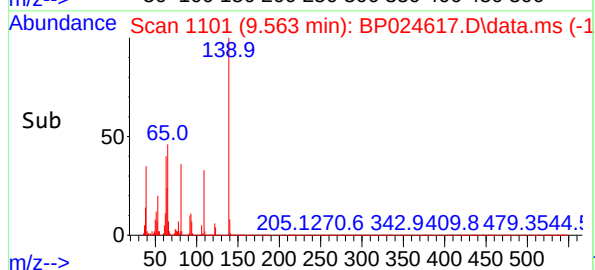
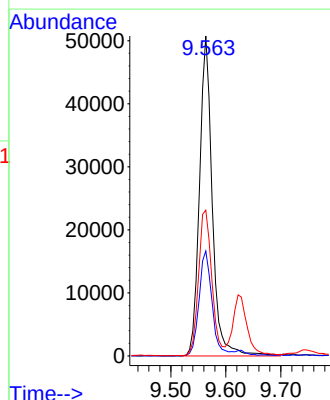
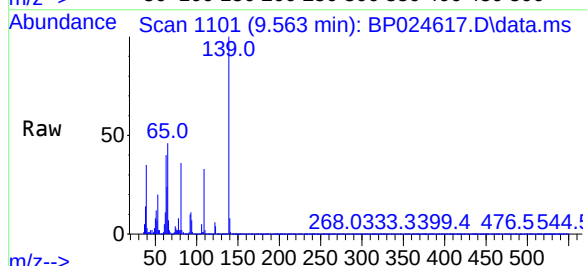
Manual Integrations
APPROVED

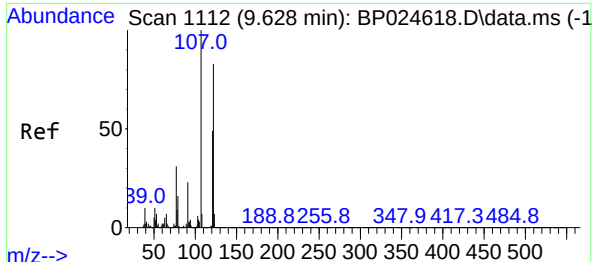
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#26
2-Nitrophenol
Concen: 19.73 ng
RT: 9.563 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

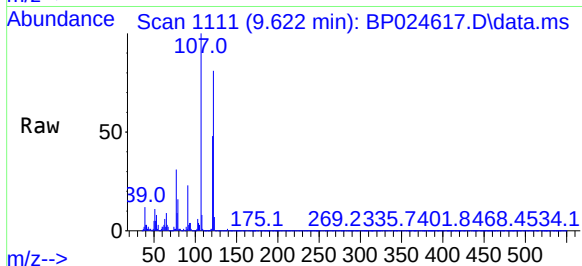
Tgt Ion:139 Resp: 82278
Ion Ratio Lower Upper
139 100
109 32.8 25.9 38.9
65 45.6 37.9 56.9





#27
2,4-Dimethylphenol
Concen: 19.96 ng
RT: 9.622 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

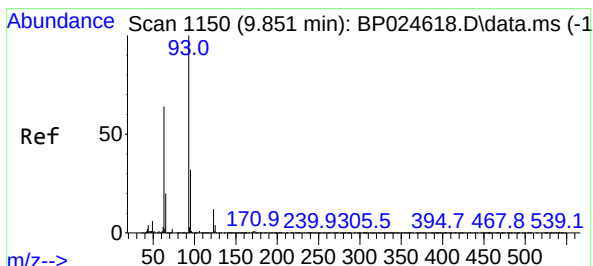
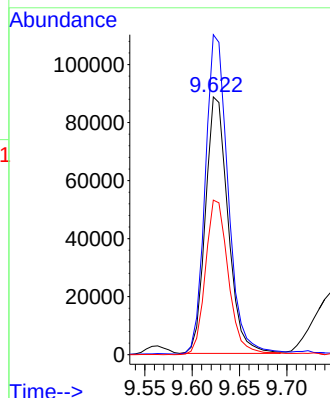
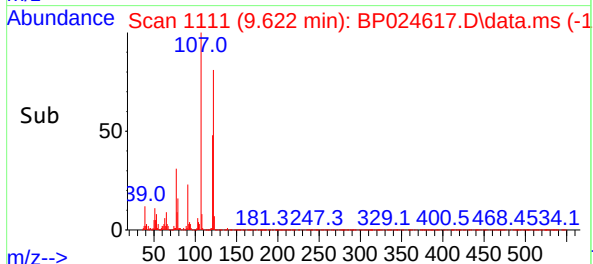
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 122 Resp: 146819
Ion Ratio Lower Upper
122 100
107 124.1 96.2 144.2
121 60.0 47.6 71.4

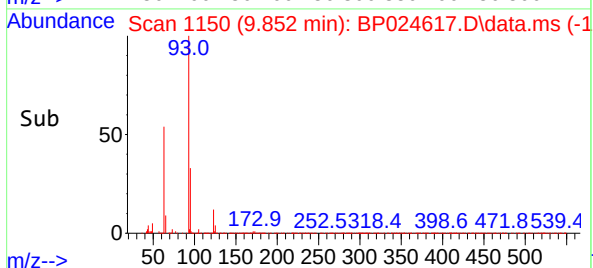
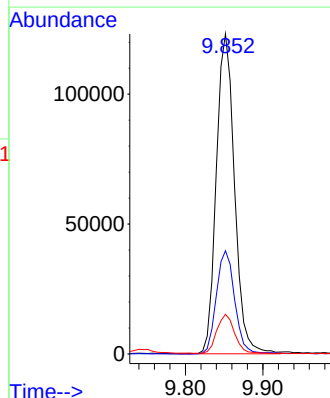
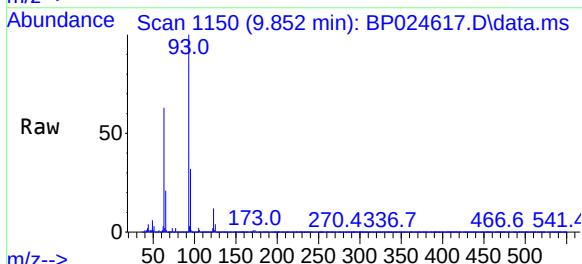
Manual Integrations
APPROVED

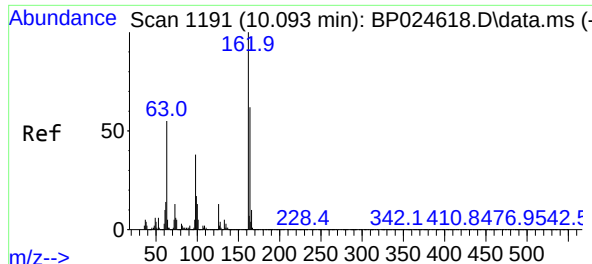
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#28
bis(2-Chloroethoxy)methane
Concen: 20.04 ng
RT: 9.852 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 93 Resp: 200872
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 12.4 9.7 14.5





#29
2,4-Dichlorophenol
Concen: 19.90 ng
RT: 10.099 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

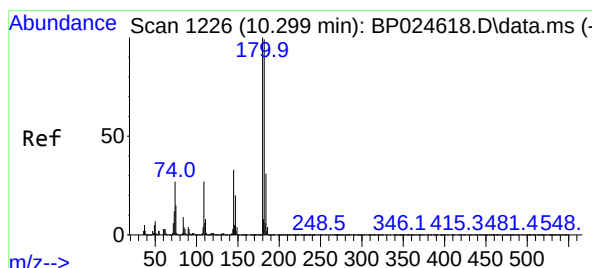
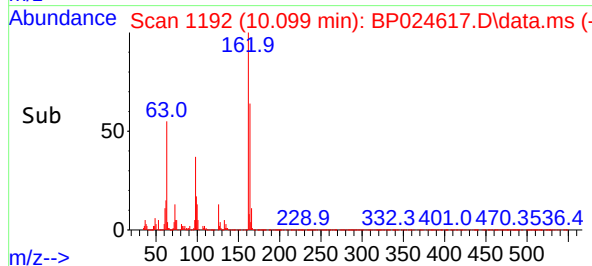
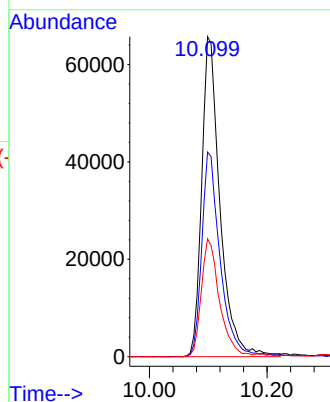
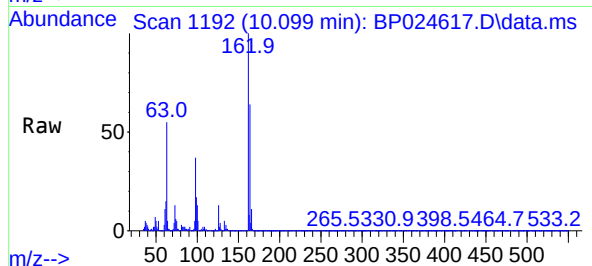
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.3	82.3
98	36.8	18.4	58.4

Manual Integrations

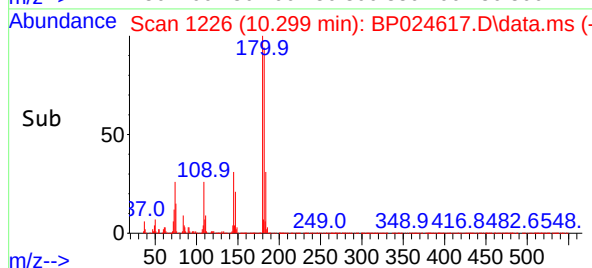
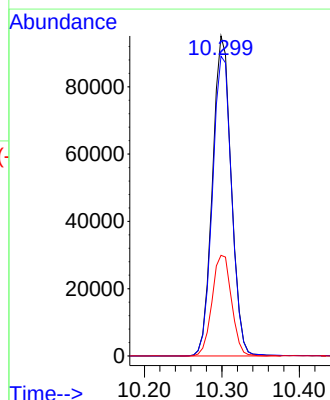
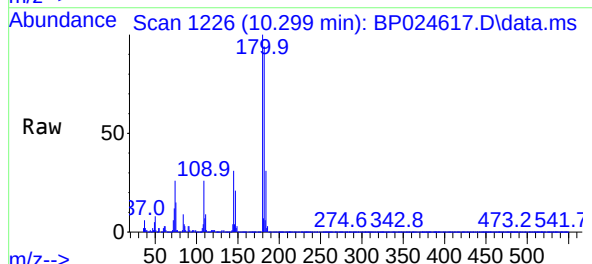
APPROVED

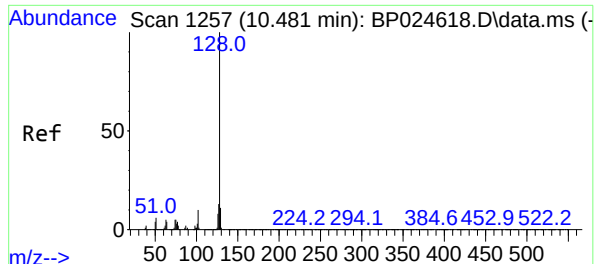
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#30
1,2,4-Trichlorobenzene
Concen: 19.92 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	79.0	118.4
145	31.5	26.6	39.8





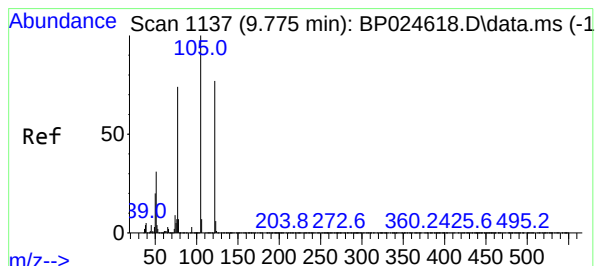
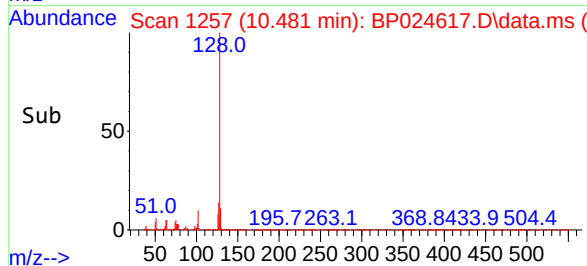
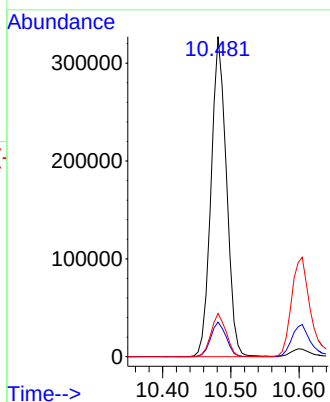
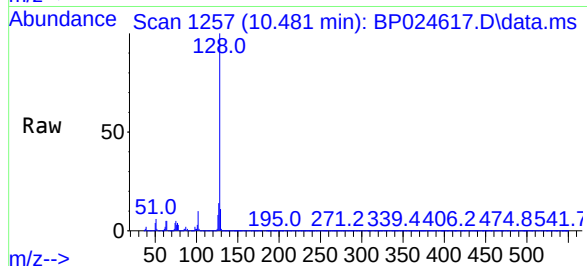
#31
Naphthalene
Concen: 20.25 ng
RT: 10.481 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 51288
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.5 10.7 16.1

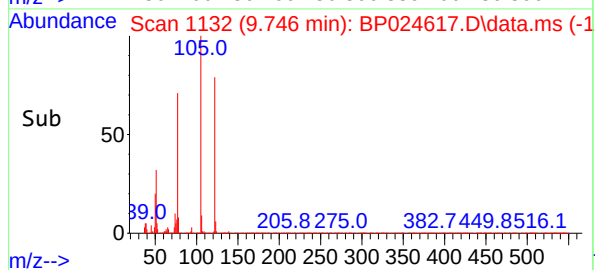
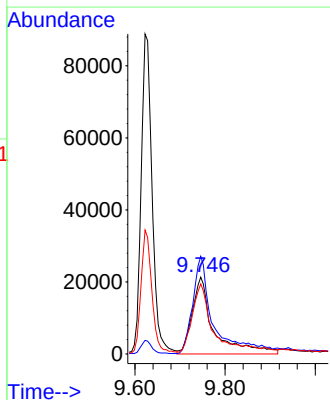
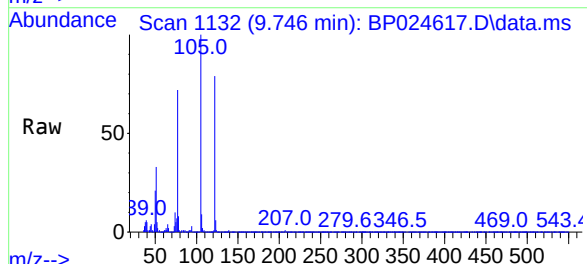
Manual Integrations
APPROVED

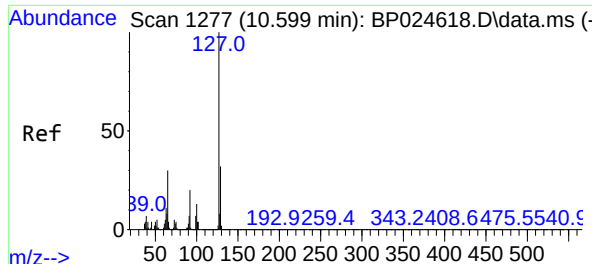
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#32
Benzoic acid
Concen: 18.73 ng m
RT: 9.746 min Scan# 1132
Delta R.T. -0.029 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

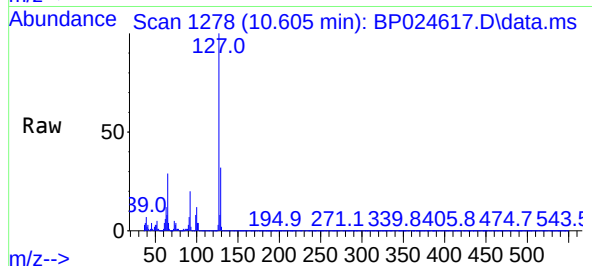
Tgt Ion:122 Resp: 71538
Ion Ratio Lower Upper
122 100
105 127.1 106.9 146.9
77 91.3 75.1 115.1





#33
4-Chloroaniline
Concen: 20.10 ng
RT: 10.605 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

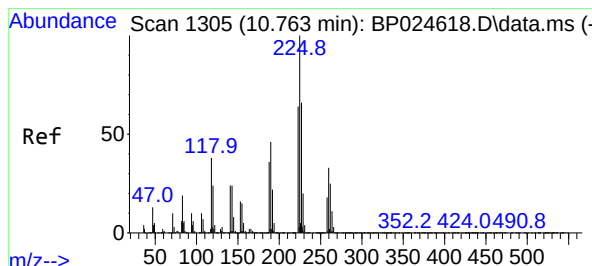
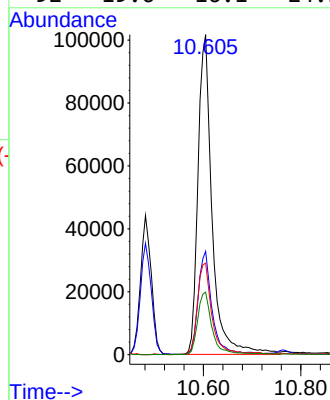
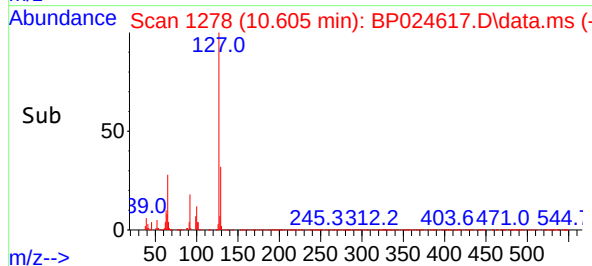
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:127 Resp: 20543
Ion Ratio Lower Upper
127 100
129 32.3 25.8 38.6
65 28.6 23.9 35.9
92 19.6 16.1 24.1

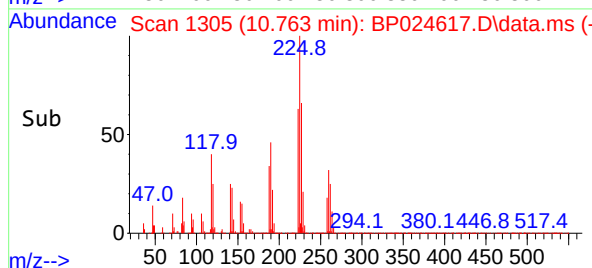
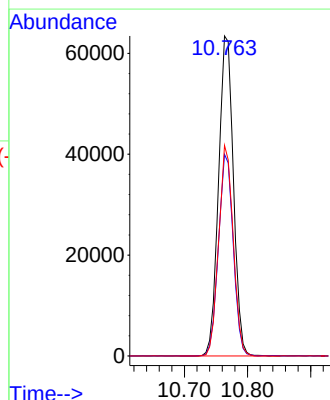
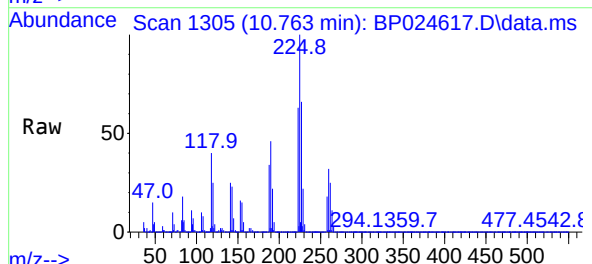
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

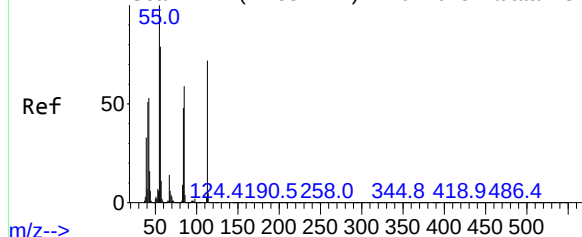


#34
Hexachlorobutadiene
Concen: 19.87 ng
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:225 Resp: 103364
Ion Ratio Lower Upper
225 100
223 63.0 51.0 76.6
227 65.8 53.1 79.7



Abundance Scan 1411 (11.387 min): BP024618.D\data.ms (-



#35

Caprolactam

Concen: 19.68 ng

RT: 11.381 min Scan# 1411

Delta R.T. -0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:113 Resp: 5072

Ion Ratio Lower Upper

113 100

55 136.8 119.0 159.0

56 111.1 90.3 130.3

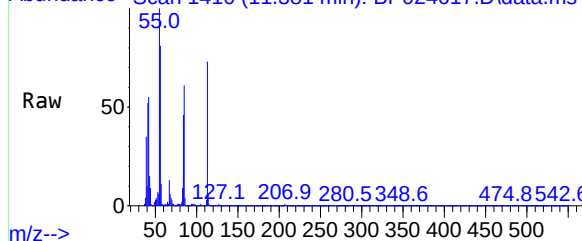
Manual Integrations

APPROVED

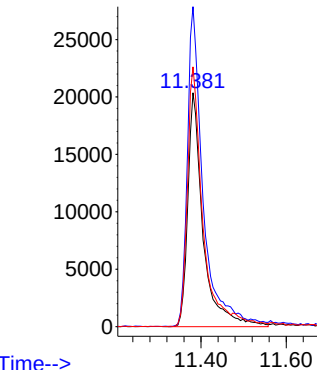
Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025

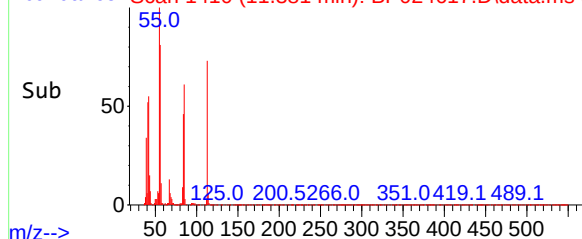
Abundance Scan 1410 (11.381 min): BP024617.D\data.ms



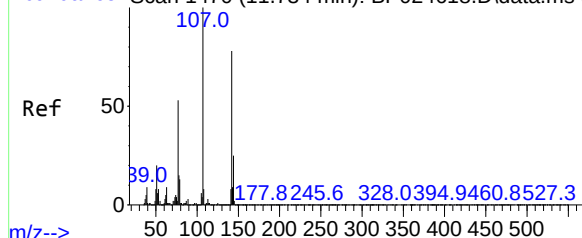
Abundance



Abundance Scan 1410 (11.381 min): BP024617.D\data.ms (-



Abundance Scan 1470 (11.734 min): BP024618.D\data.ms (-



#36

4-Chloro-3-methylphenol

Concen: 20.12 ng

RT: 11.734 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Tgt Ion:107 Resp: 174840

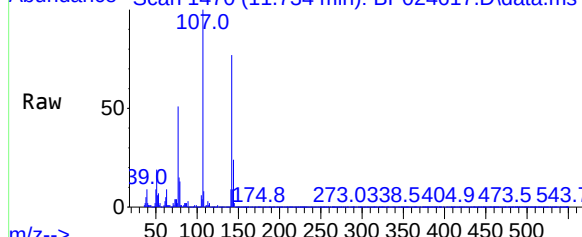
Ion Ratio Lower Upper

107 100

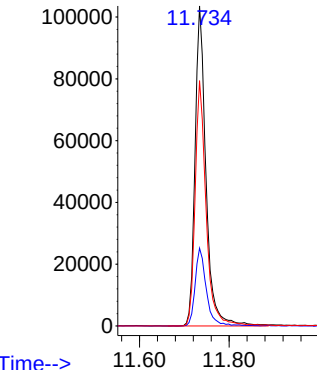
144 24.3 20.1 30.1

142 76.6 62.1 93.1

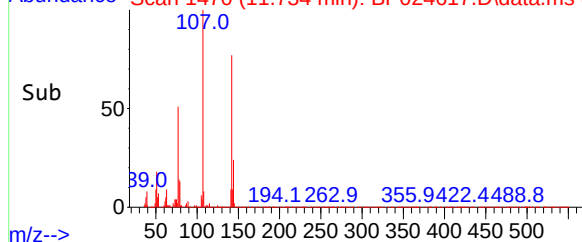
Abundance Scan 1470 (11.734 min): BP024617.D\data.ms

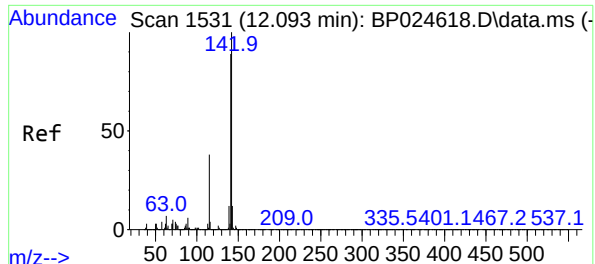


Abundance



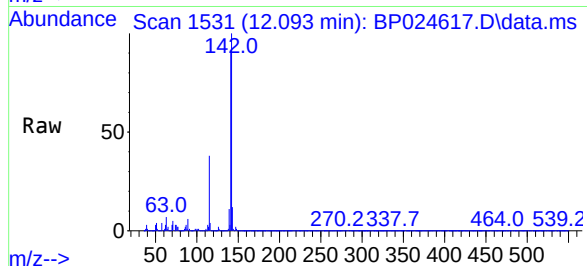
Abundance Scan 1470 (11.734 min): BP024617.D\data.ms (-





#37
2-Methylnaphthalene
Concen: 19.97 ng
RT: 12.093 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

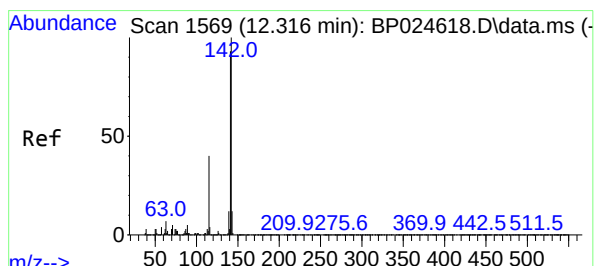
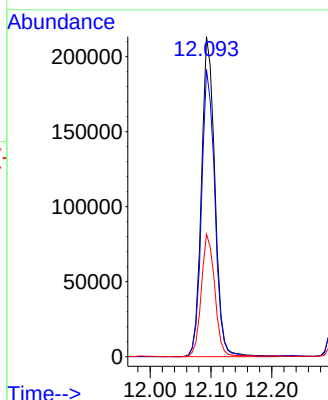
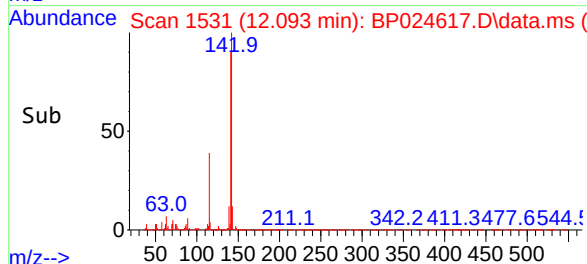
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



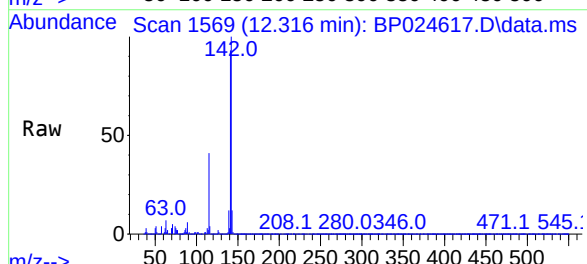
Tgt Ion:142 Resp: 32744
Ion Ratio Lower Upper
142 100
141 89.7 71.2 106.8
115 38.3 30.6 46.0

Manual Integrations
APPROVED

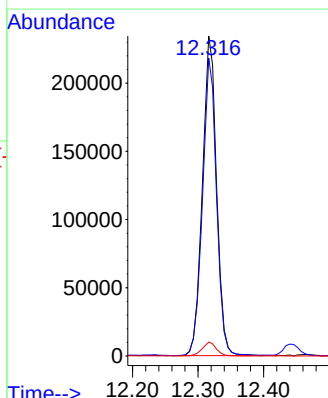
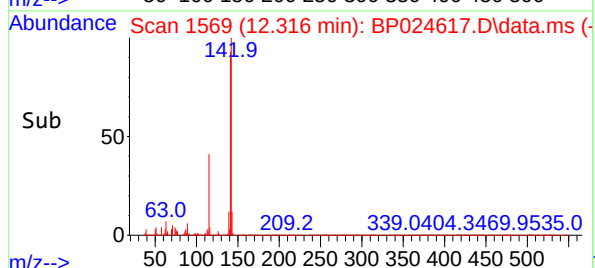
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

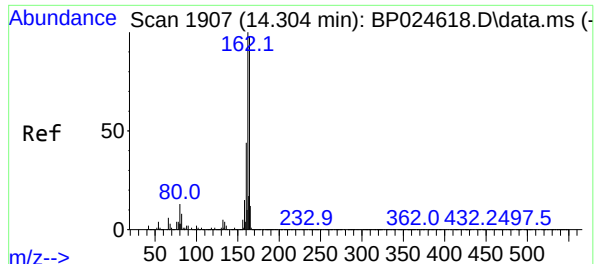


#38
1-Methylnaphthalene
Concen: 20.07 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43



Tgt Ion:142 Resp: 352091
Ion Ratio Lower Upper
142 100
141 93.1 74.7 112.1
116 4.4 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.299 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:164 Resp: 323928

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.6

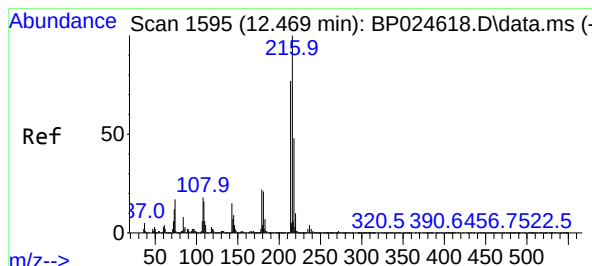
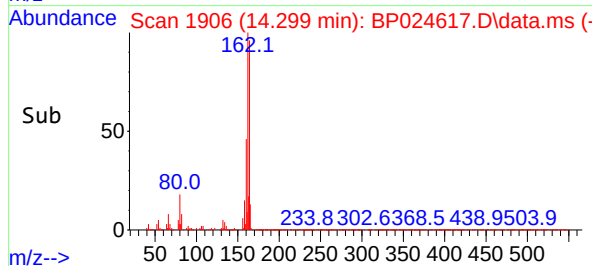
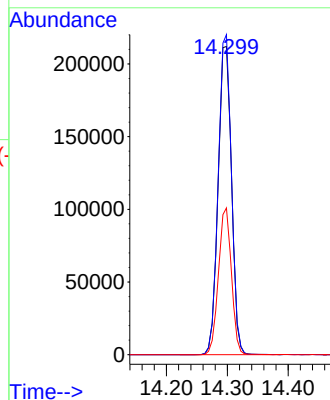
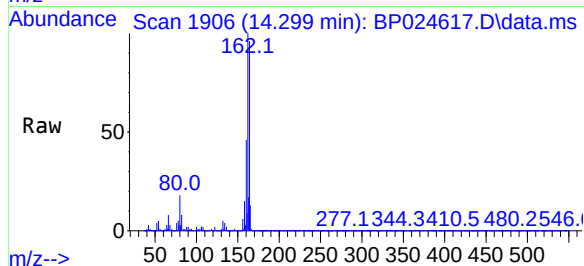
160 47.6 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.77 ng

RT: 12.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Tgt Ion:216 Resp: 185982

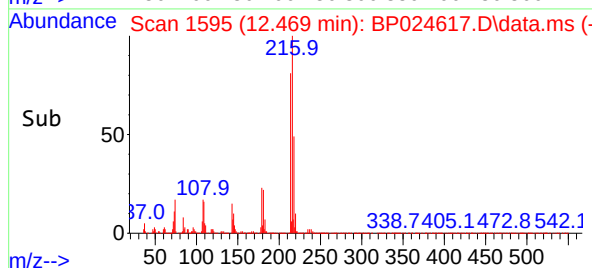
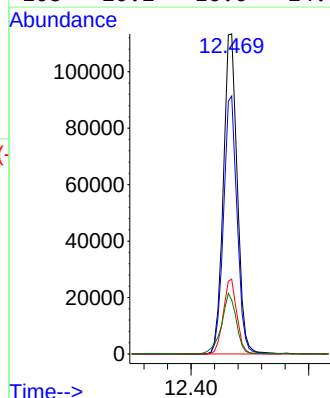
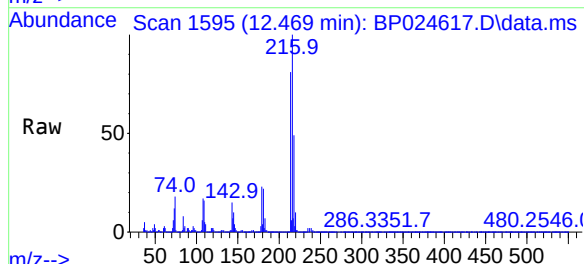
Ion Ratio Lower Upper

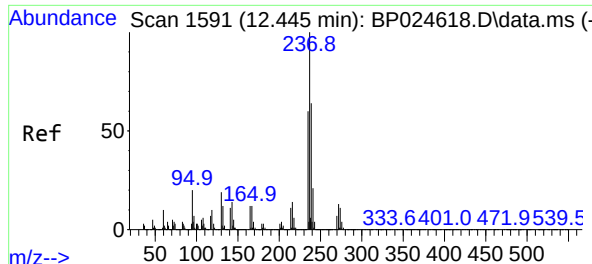
216 100

214 79.1 62.3 93.5

179 22.9 17.7 26.5

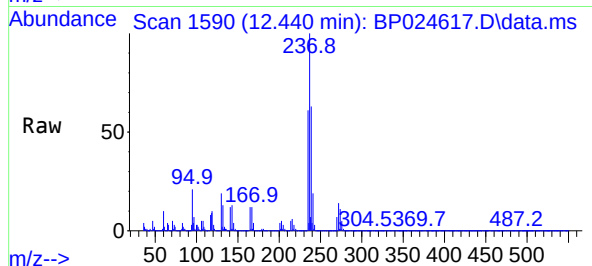
108 20.2 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 19.90 ng
RT: 12.440 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

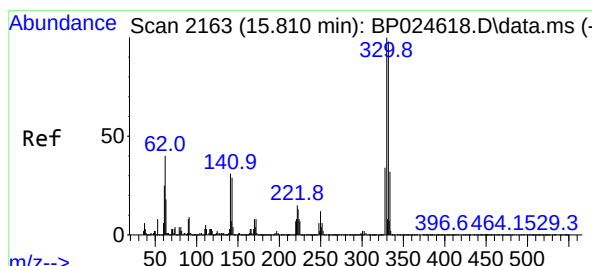
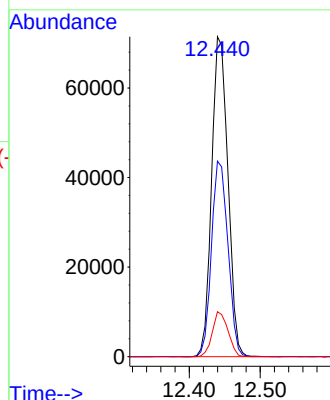
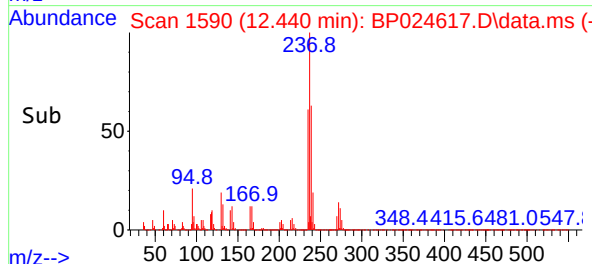
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 237 Resp: 113498
Ion Ratio Lower Upper
237 100
235 61.1 39.9 79.9
272 14.0 0.0 33.2

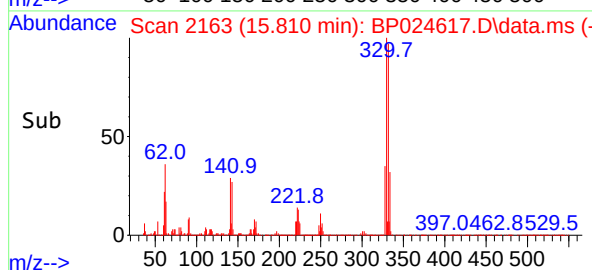
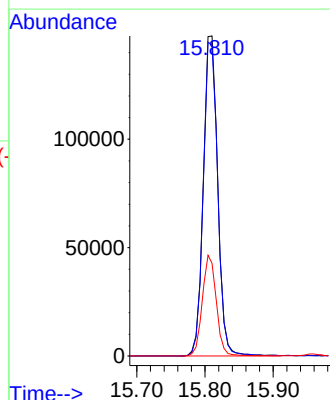
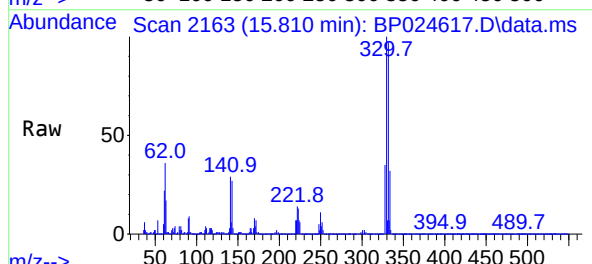
Manual Integrations
APPROVED

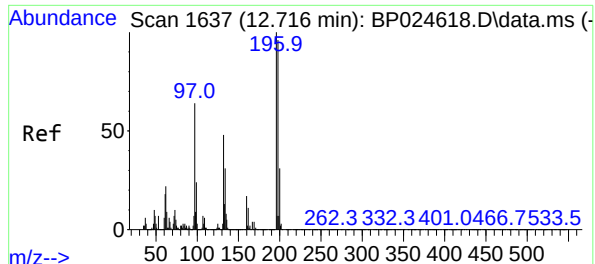
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#42
2,4,6-Tribromophenol
Concen: 39.53 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

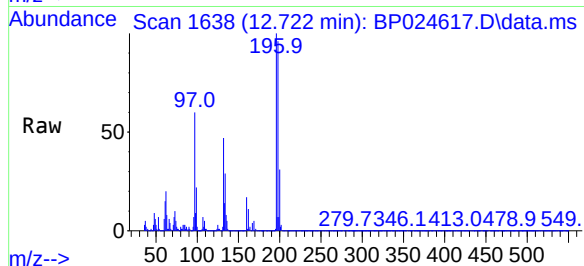
Tgt Ion: 330 Resp: 217092
Ion Ratio Lower Upper
330 100
332 97.8 78.2 117.4
141 30.5 24.3 36.5





#43
2,4,6-Trichlorophenol
Concen: 19.95 ng
RT: 12.722 min Scan# 1638
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

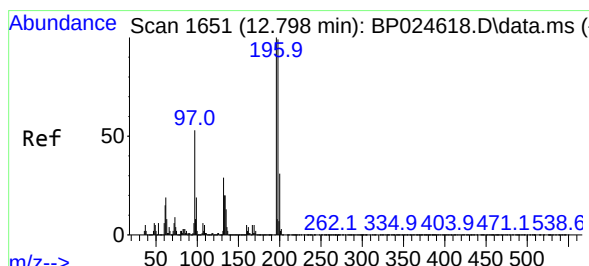
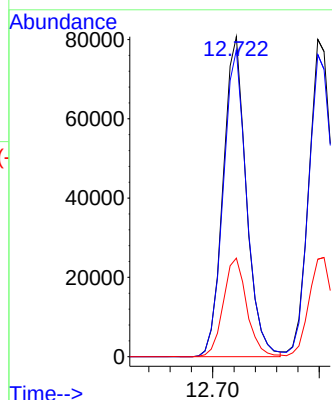
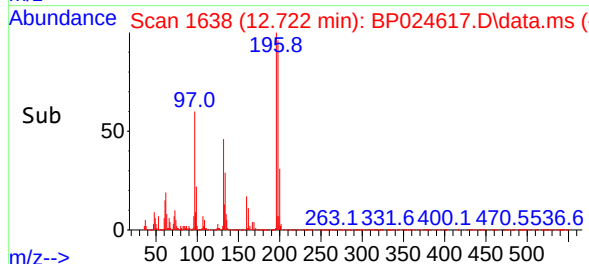
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



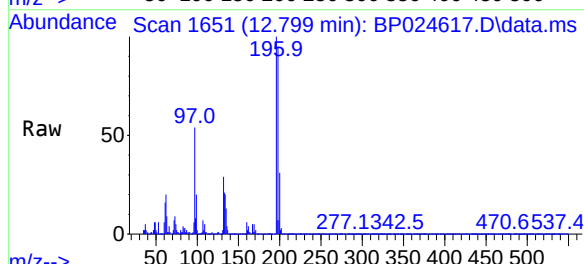
Tgt Ion:196 Resp: 121520
Ion Ratio Lower Upper
196 100
198 95.8 76.9 115.3
200 30.8 25.2 37.8

Manual Integrations
APPROVED

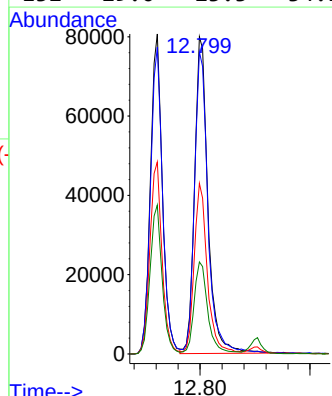
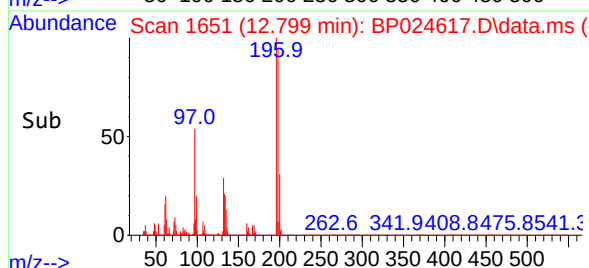
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

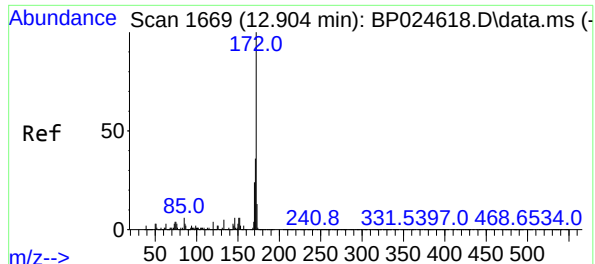


#44
2,4,5-Trichlorophenol
Concen: 19.95 ng
RT: 12.799 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43



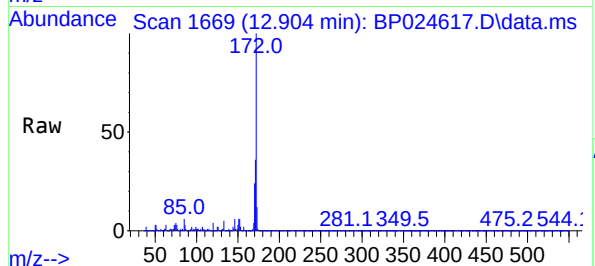
Tgt Ion:196 Resp: 135306
Ion Ratio Lower Upper
196 100
198 95.2 79.2 118.8
97 53.8 42.3 63.5
132 29.0 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 40.69 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

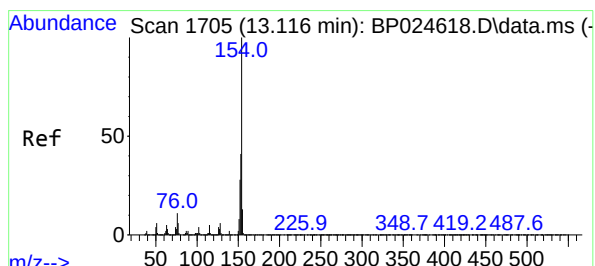
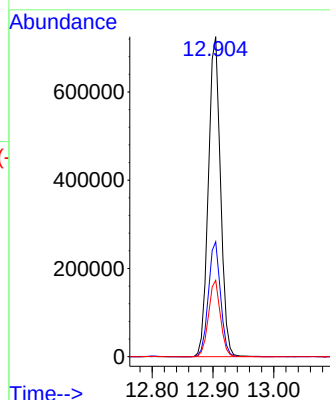
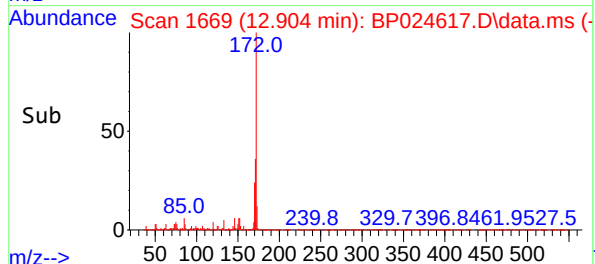
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:172 Resp: 1006150
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.8 18.8 28.2

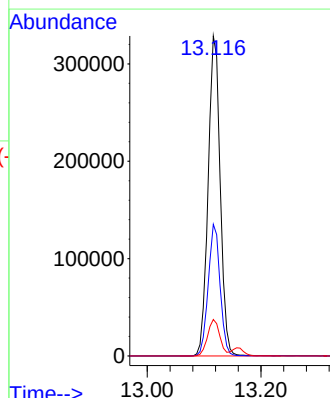
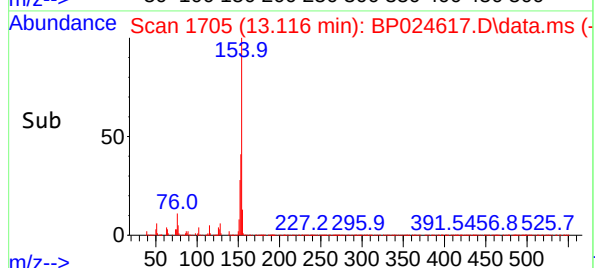
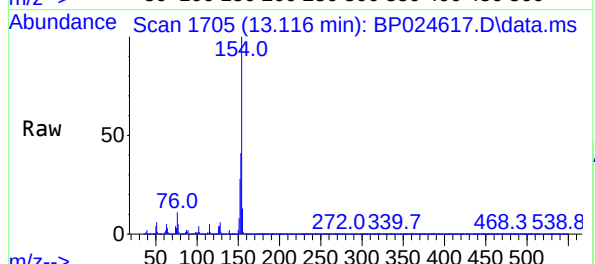
Manual Integrations
APPROVED

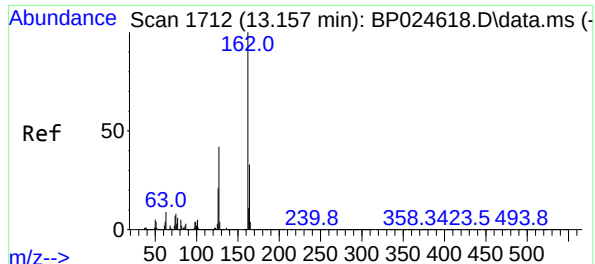
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#46
1,1'-Biphenyl
Concen: 20.19 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

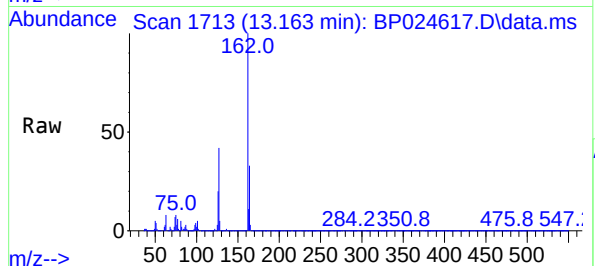
Tgt Ion:154 Resp: 483352
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 11.4 0.0 31.5





#47
2-Chloronaphthalene
Concen: 20.06 ng
RT: 13.163 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

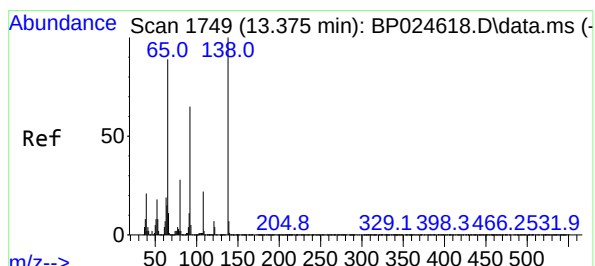
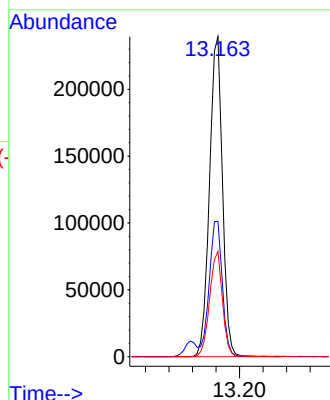
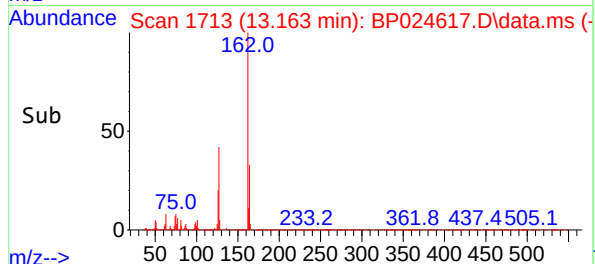
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



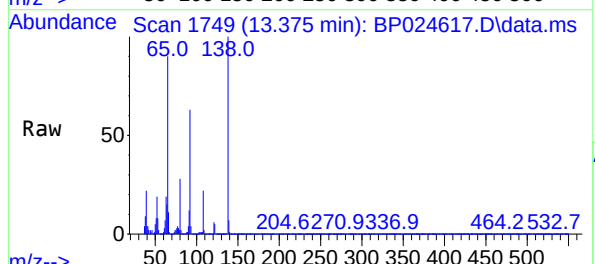
Tgt Ion:162 Resp: 36624
Ion Ratio Lower Upper
162 100
127 42.3 33.8 50.6
164 32.8 26.0 39.0

Manual Integrations
APPROVED

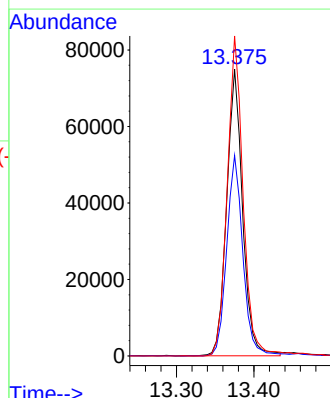
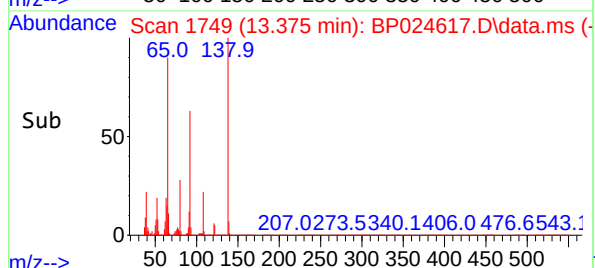
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

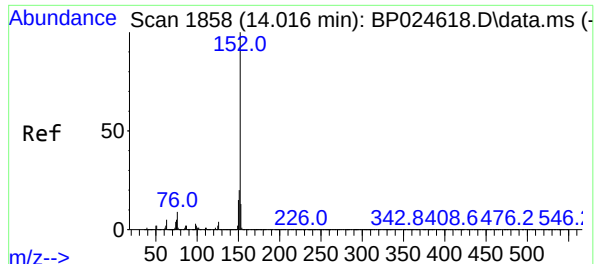


#48
2-Nitroaniline
Concen: 19.81 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43



Tgt Ion: 65 Resp: 107062
Ion Ratio Lower Upper
65 100
92 69.8 58.7 88.1
138 111.5 90.2 135.2





#49

Acenaphthylene

Concen: 20.36 ng

RT: 14.016 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

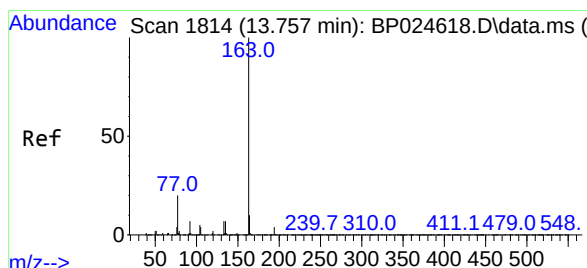
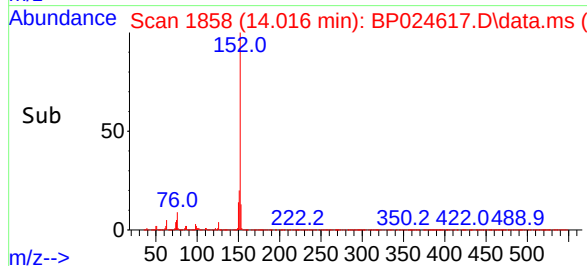
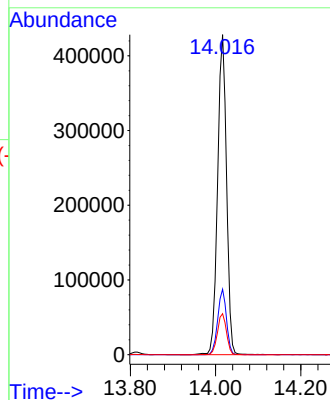
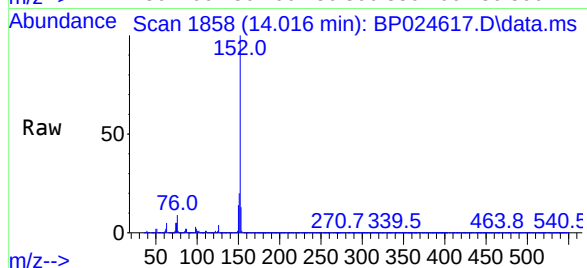
Tgt Ion:	152	Resp:	62199
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.4
153	12.8	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#50

Dimethylphthalate

Concen: 19.91 ng

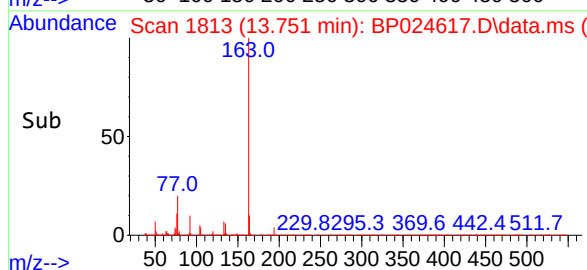
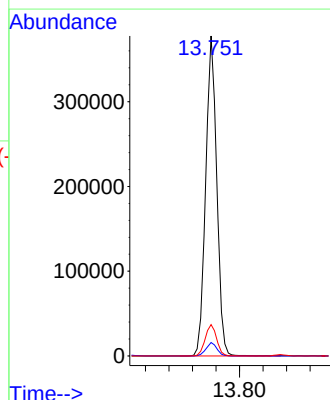
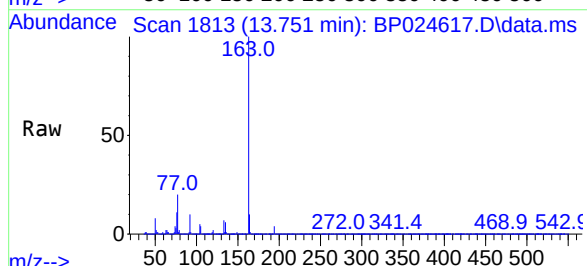
RT: 13.751 min Scan# 1813

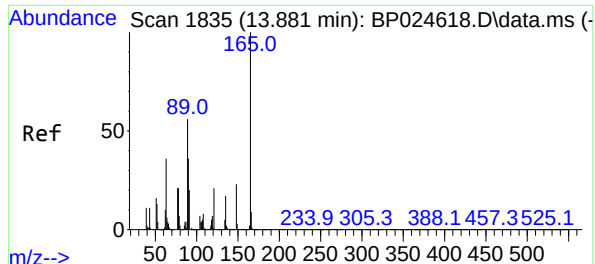
Delta R.T. -0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Tgt Ion:	163	Resp:	491623
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.0
164	9.8	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 20.23 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

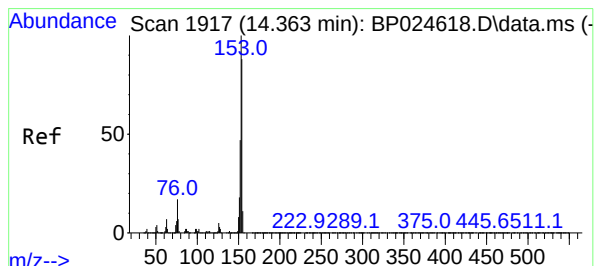
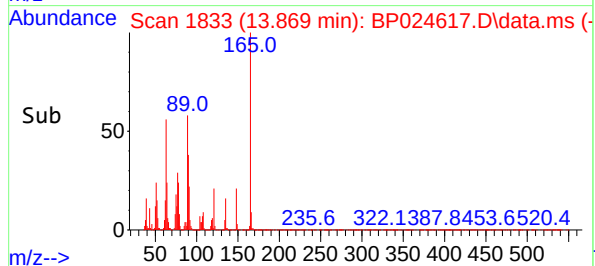
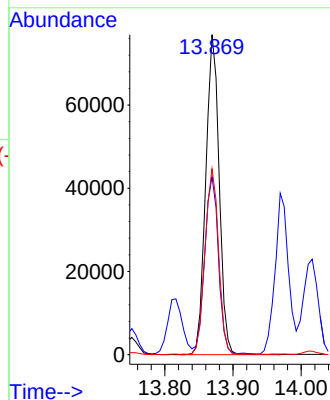
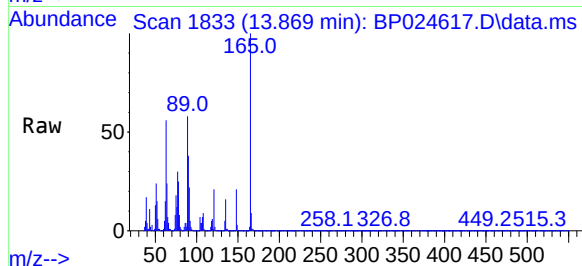
SSTDICC020

Tgt Ion:165 Resp: 105479
Ion Ratio Lower Upper
165 100
63 55.6 42.4 63.6
89 58.1 44.8 67.2

Manual Integrations

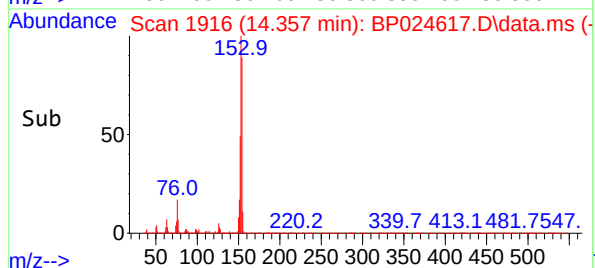
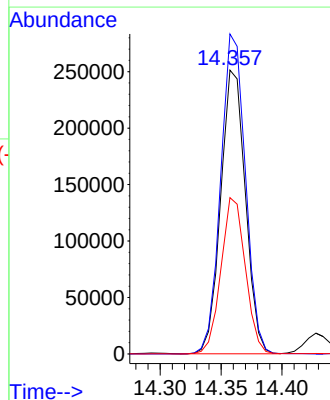
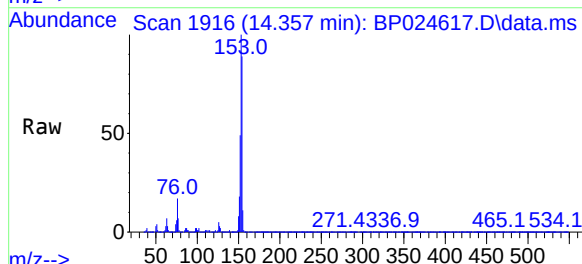
APPROVED

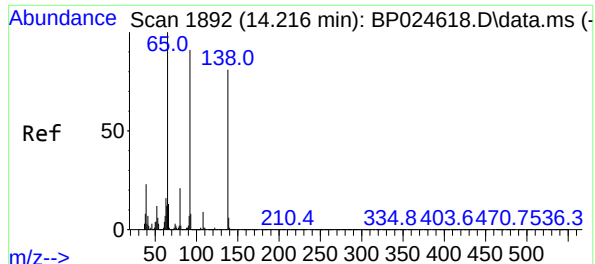
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#52
Acenaphthene
Concen: 20.19 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:154 Resp: 354519
Ion Ratio Lower Upper
154 100
153 112.7 91.0 136.4
152 55.1 42.9 64.3





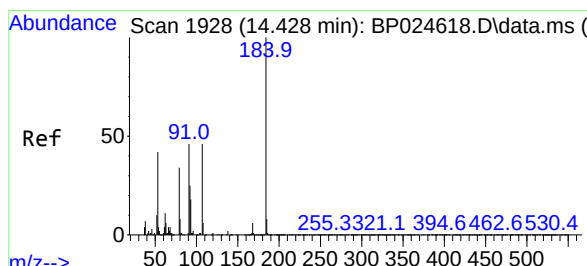
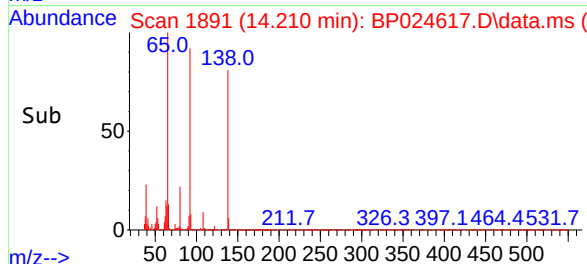
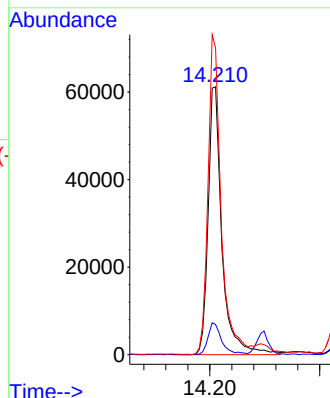
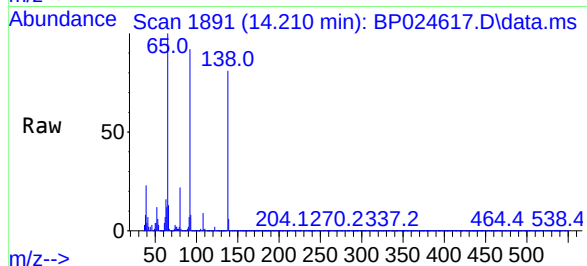
#53
3-Nitroaniline
Concen: 20.01 ng
RT: 14.210 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 10652
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.4
92 114.5 90.1 135.1

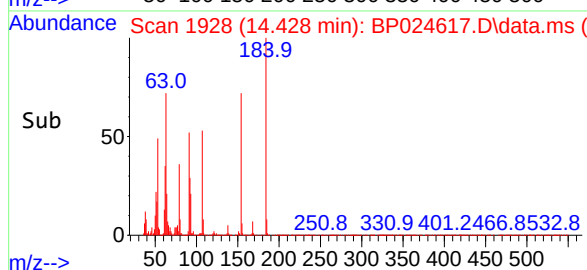
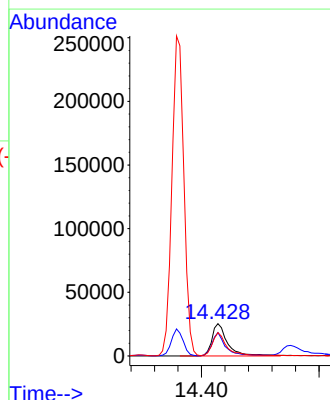
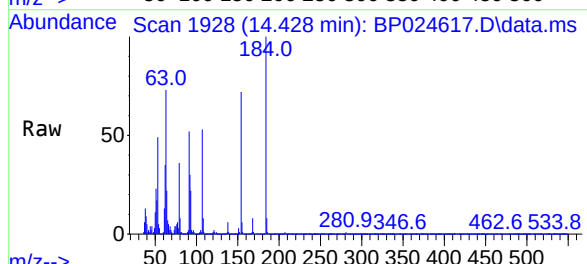
Manual Integrations
APPROVED

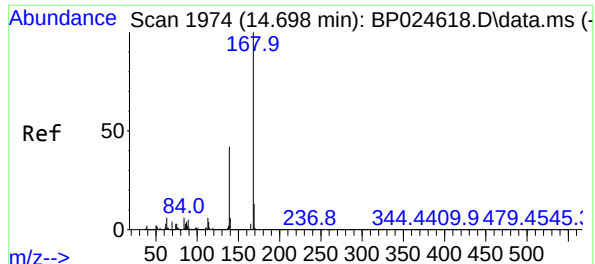
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#54
2,4-Dinitrophenol
Concen: 19.37 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:184 Resp: 46351
Ion Ratio Lower Upper
184 100
63 72.5 51.3 76.9
154 72.4 53.5 80.3





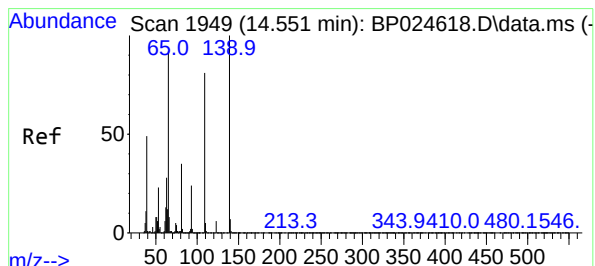
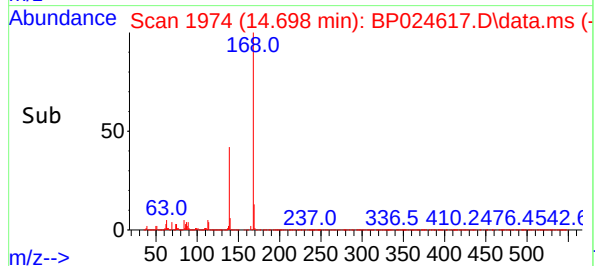
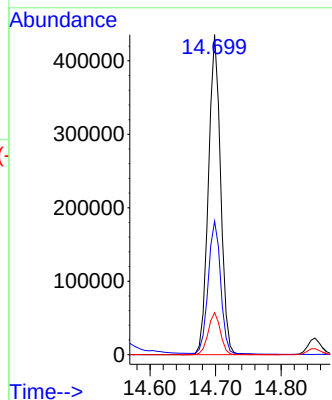
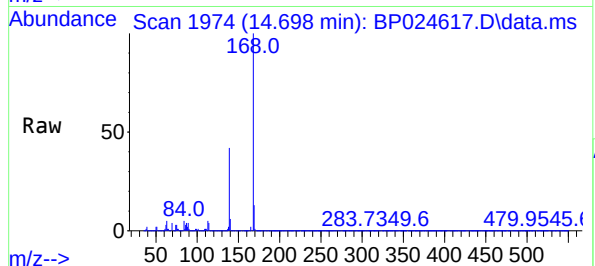
#55
Dibenzenofuran
Concen: 20.12 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 563719
Ion Ratio Lower Upper
168 100
139 41.8 34.2 51.4
169 13.1 10.8 16.2

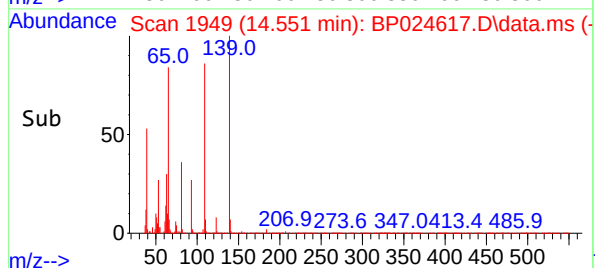
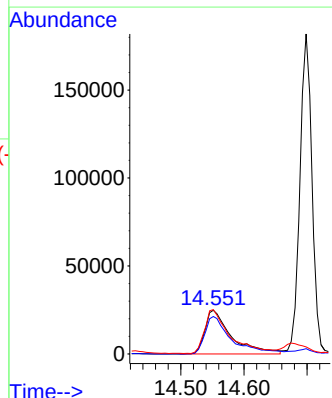
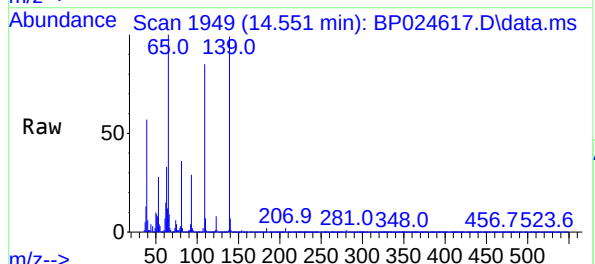
Manual Integrations
APPROVED

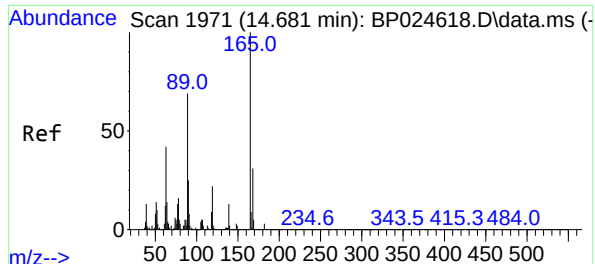
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#56
4-Nitrophenol
Concen: 19.02 ng
RT: 14.551 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

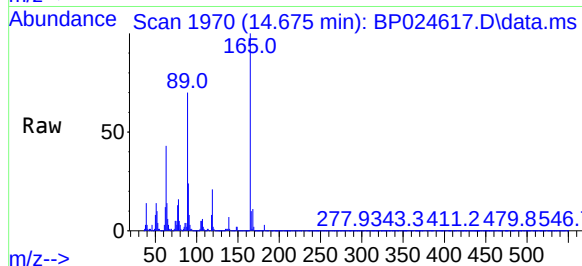
Tgt Ion:139 Resp: 71975
Ion Ratio Lower Upper
139 100
109 85.7 61.4 101.4
65 101.4 72.2 112.2





#57
2,4-Dinitrotoluene
Concen: 20.09 ng
RT: 14.675 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

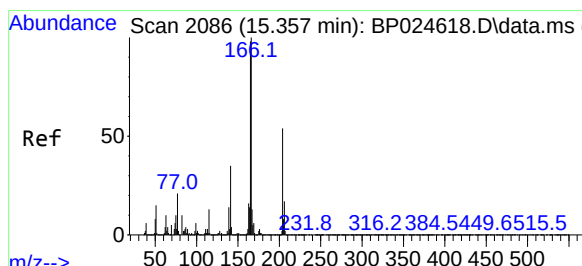
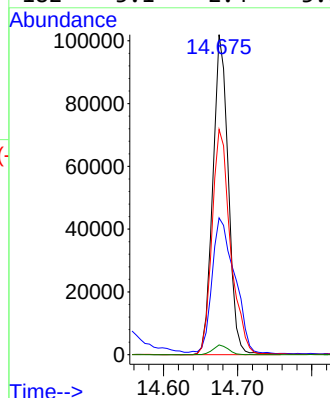
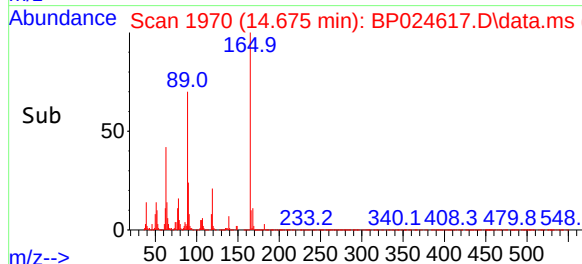
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 147670
Ion Ratio Lower Upper
165 100
63 42.7 33.8 50.6
89 70.4 55.6 83.4
182 3.1 2.4 3.6

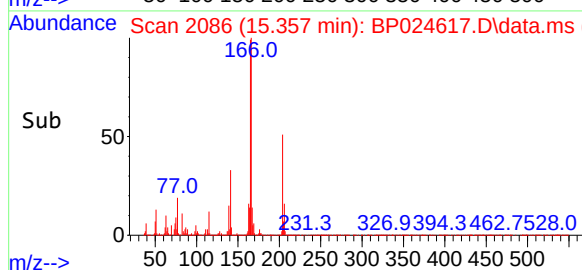
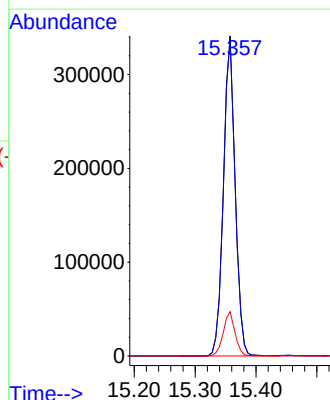
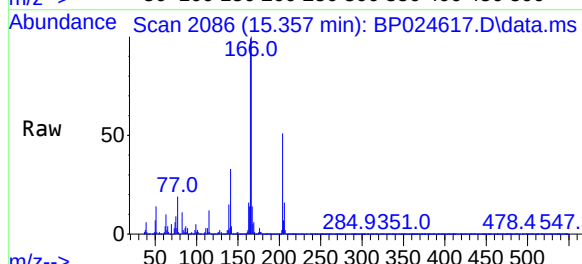
Manual Integrations
APPROVED

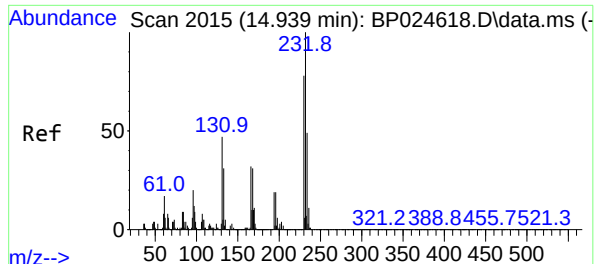
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#58
Fluorene
Concen: 20.00 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:166 Resp: 456792
Ion Ratio Lower Upper
166 100
165 98.9 78.5 117.7
167 13.8 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 19.59 ng

RT: 14.934 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:232 Resp: 12326

Ion Ratio Lower Upper

232 100

131 50.2 39.5 59.3

130 2.7 2.2 3.4

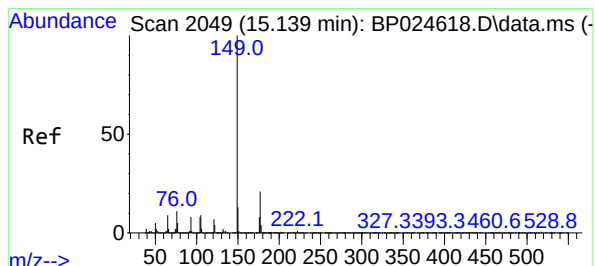
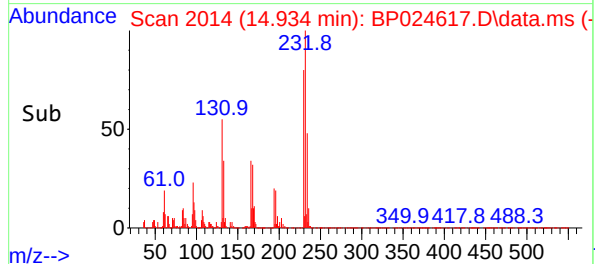
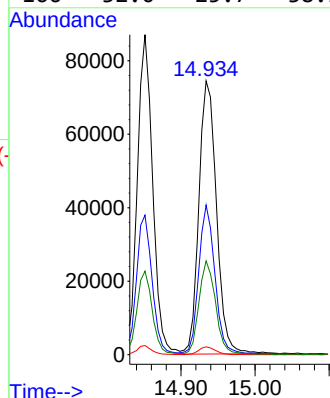
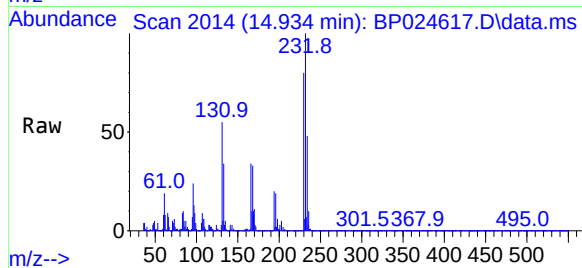
166 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#60

Diethylphthalate

Concen: 19.95 ng

RT: 15.128 min Scan# 2047

Delta R.T. -0.012 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

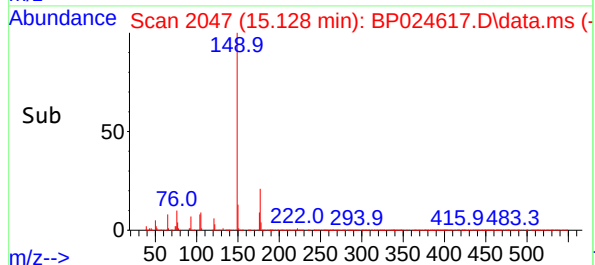
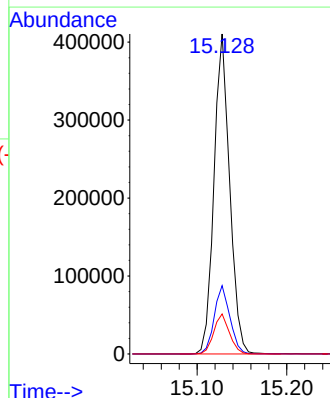
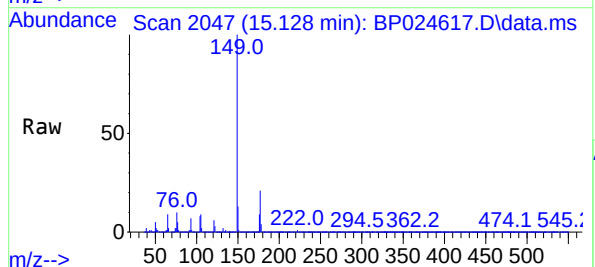
Tgt Ion:149 Resp: 497916

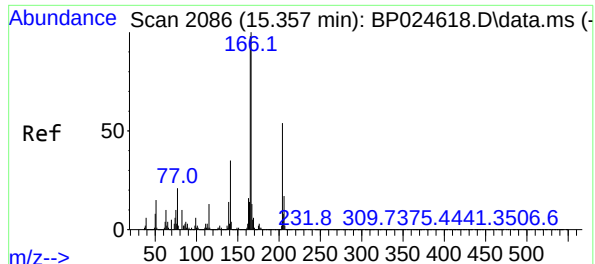
Ion Ratio Lower Upper

149 100

177 21.4 16.7 25.1

150 12.5 10.2 15.2





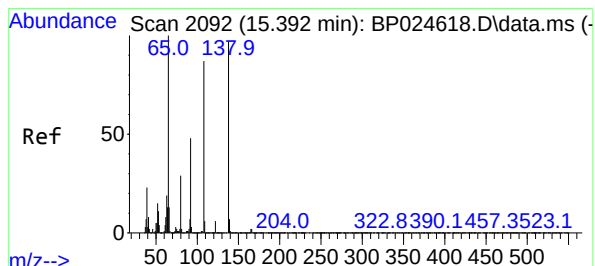
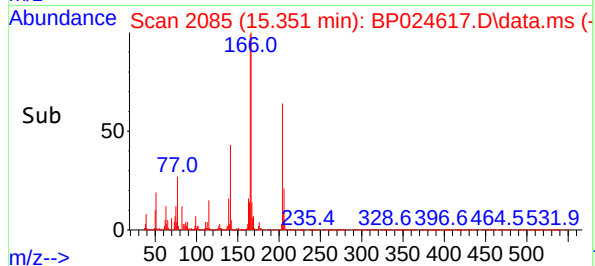
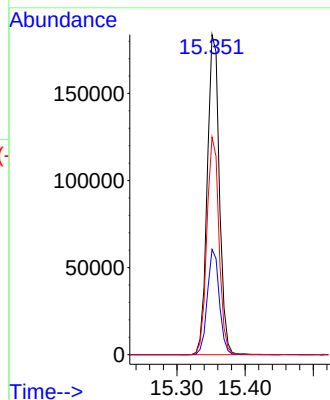
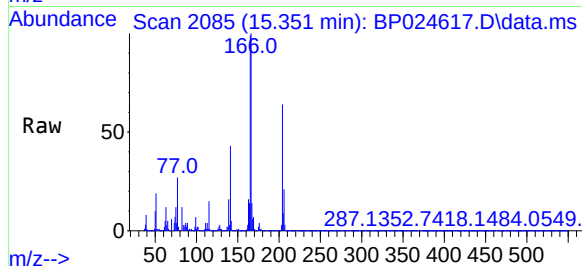
#61
4-Chlorophenyl-phenylether
Concen: 19.91 ng
RT: 15.351 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 226790
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 68.0 52.9 79.3

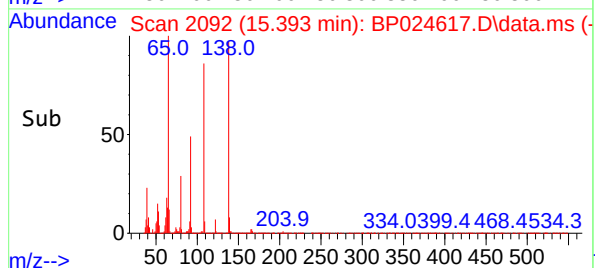
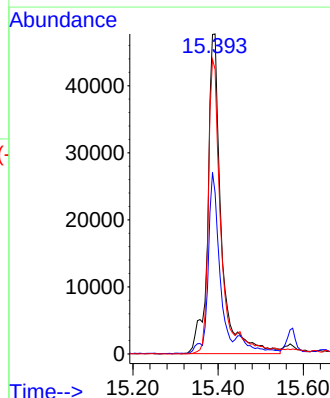
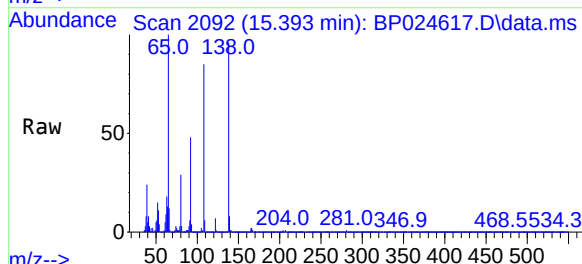
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

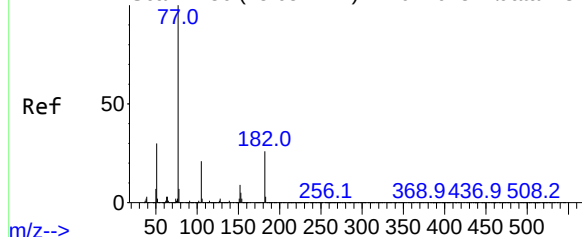


#62
4-Nitroaniline
Concen: 20.37 ng
RT: 15.393 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:138 Resp: 105617
Ion Ratio Lower Upper
138 100
92 50.4 29.2 69.2
108 89.0 69.0 109.0



Abundance Scan 2136 (15.651 min): BP024618.D\data.ms (-



#63

Azobenzene

Concen: 20.57 ng

RT: 15.651 min Scan# 2136

Delta R.T. 0.000 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 43918

Ion Ratio Lower Upper

77 100

182 25.4 5.7 45.7

105 21.1 1.3 41.3

51 30.3 10.6 50.6

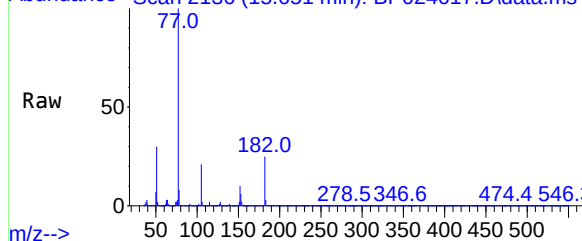
Manual Integrations

APPROVED

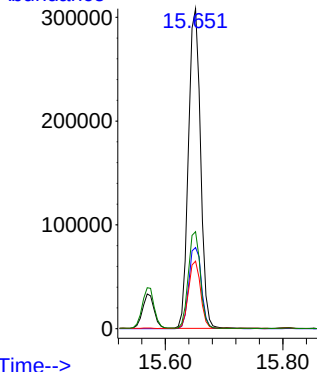
Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025

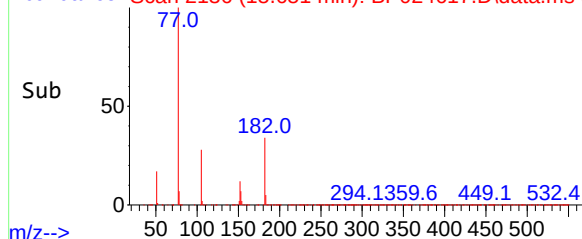
Abundance Scan 2136 (15.651 min): BP024617.D\data.ms



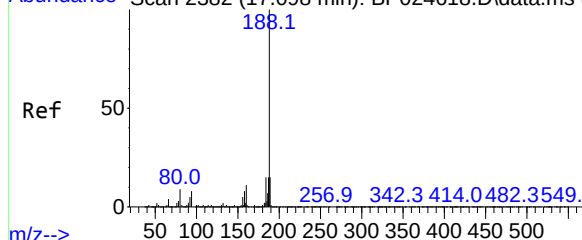
Abundance



Abundance Scan 2136 (15.651 min): BP024617.D\data.ms (-



Abundance Scan 2382 (17.098 min): BP024618.D\data.ms (-



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.087 min Scan# 2380

Delta R.T. -0.012 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Tgt Ion:188 Resp: 644367

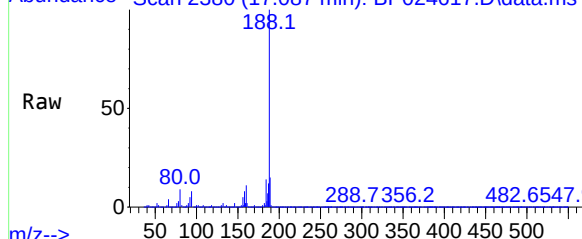
Ion Ratio Lower Upper

188 100

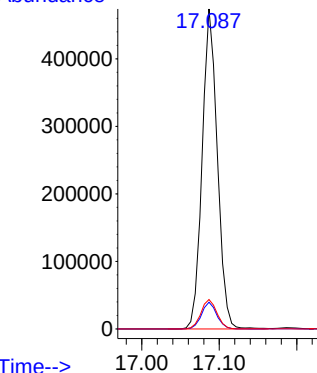
94 8.3 6.5 9.7

80 9.2 7.3 10.9

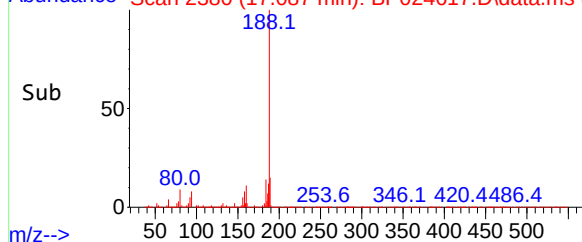
Abundance Scan 2380 (17.087 min): BP024617.D\data.ms

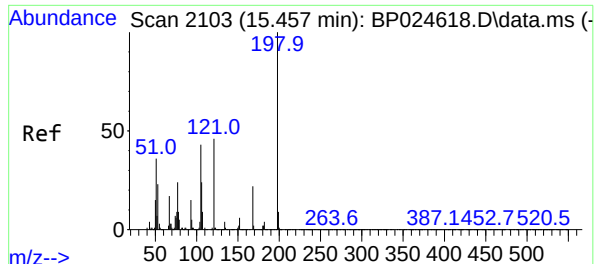


Abundance



Abundance Scan 2380 (17.087 min): BP024617.D\data.ms (-





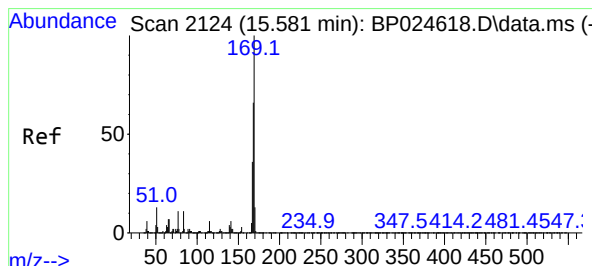
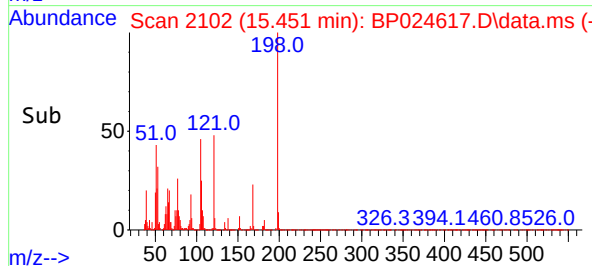
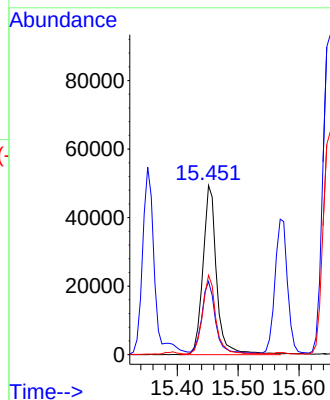
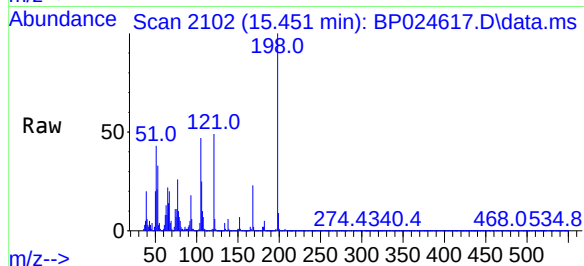
#65
4,6-Dinitro-2-methylphenol
Concen: 18.53 ng
RT: 15.451 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 7713
Ion Ratio Lower Upper
198 100
51 43.2 21.1 61.1
105 46.8 23.6 63.6

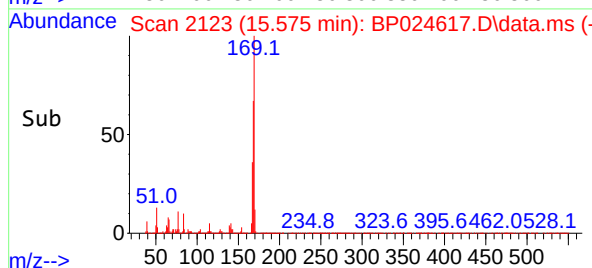
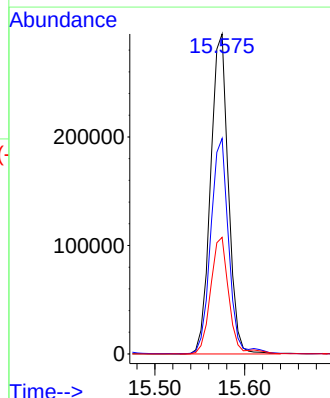
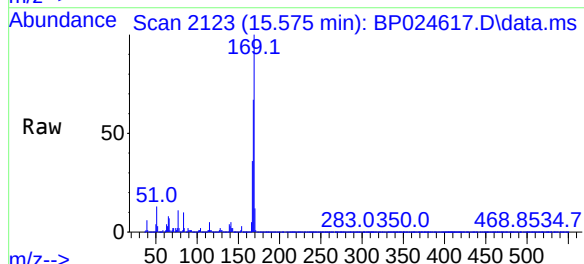
Manual Integrations
APPROVED

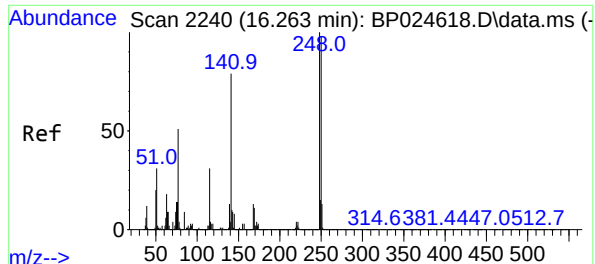
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#66
n-Nitrosodiphenylamine
Concen: 20.42 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:169 Resp: 404085
Ion Ratio Lower Upper
169 100
168 67.4 53.2 79.8
167 36.5 28.6 43.0





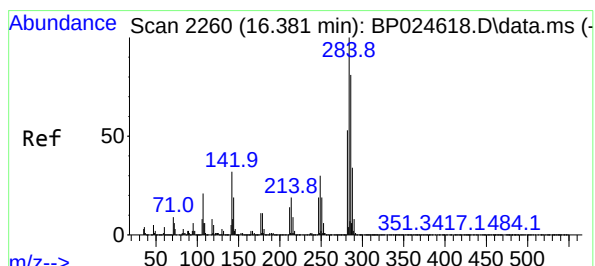
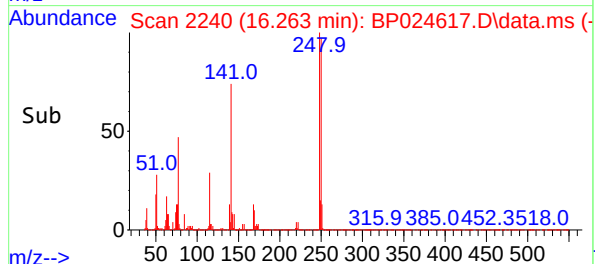
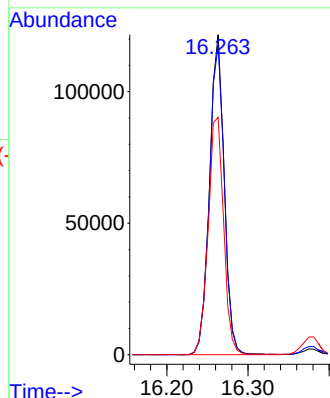
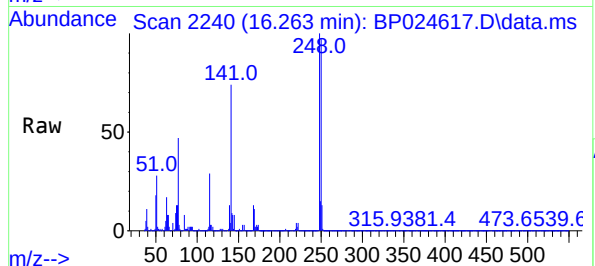
#67
4-Bromophenyl-phenylether
Concen: 20.07 ng
RT: 16.263 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 15239
Ion Ratio Lower Upper
248 100
250 96.8 78.2 117.4
141 74.2 63.0 94.6

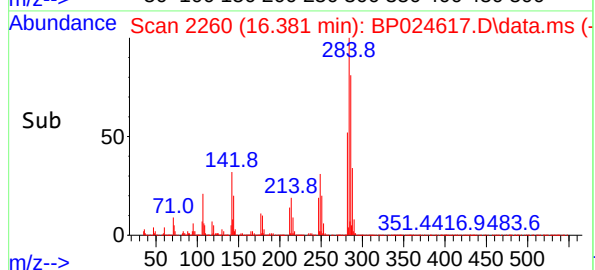
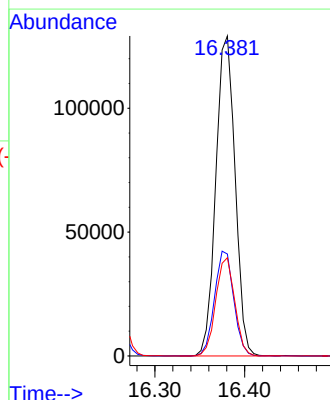
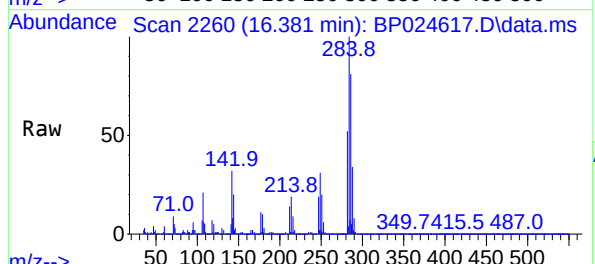
Manual Integrations
APPROVED

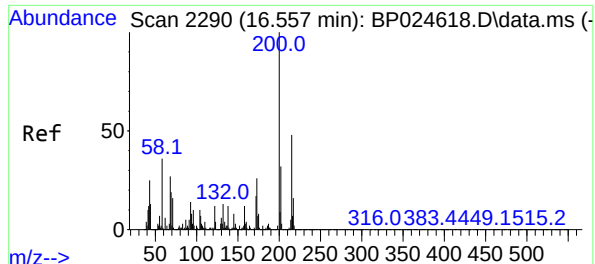
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#68
Hexachlorobenzene
Concen: 19.93 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

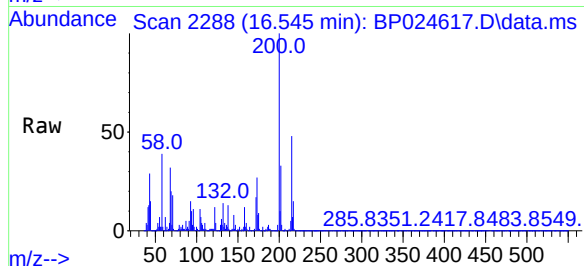
Tgt Ion:284 Resp: 192290
Ion Ratio Lower Upper
284 100
142 31.9 25.9 38.9
249 30.7 24.1 36.1





#69
Atrazine
Concen: 20.19 ng
RT: 16.545 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

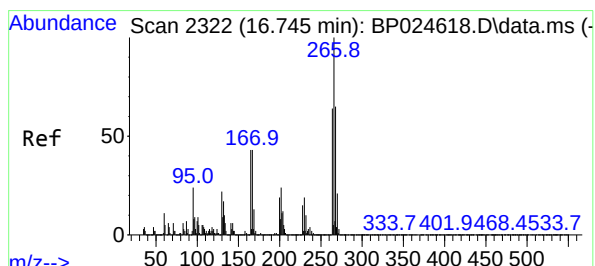
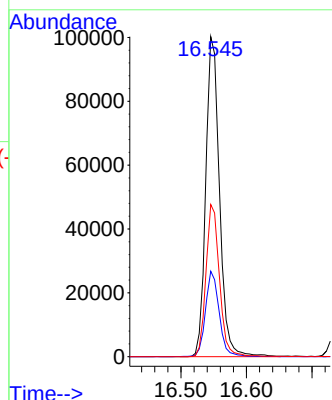
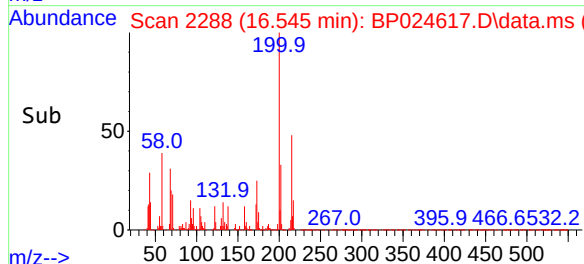
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:200 Resp: 146468
Ion Ratio Lower Upper
200 100
173 26.7 5.9 45.9
215 47.5 28.3 68.3

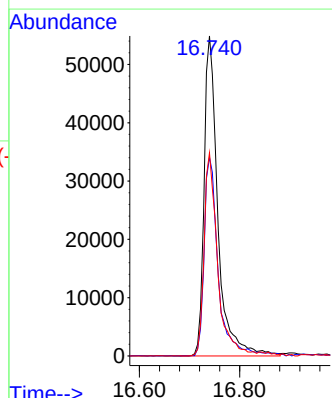
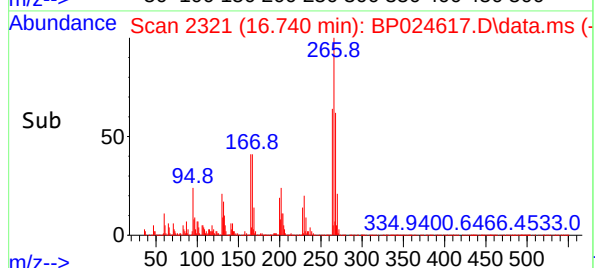
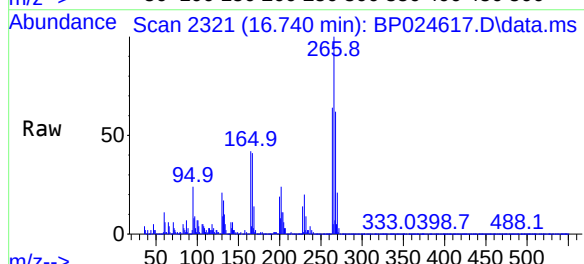
Manual Integrations
APPROVED

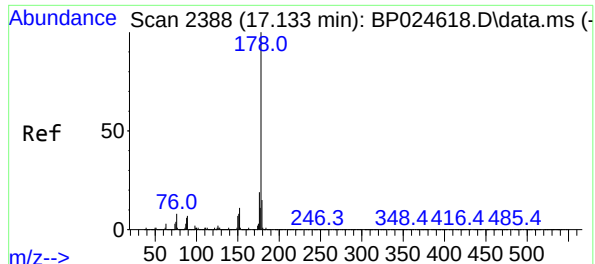
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#70
Pentachlorophenol
Concen: 19.36 ng
RT: 16.740 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

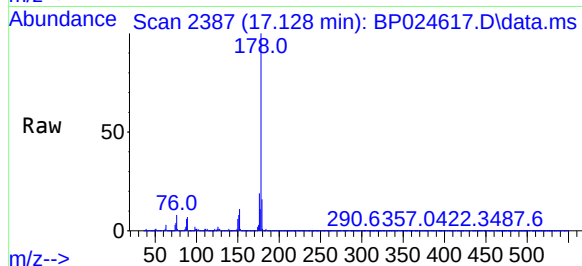
Tgt Ion:266 Resp: 104916
Ion Ratio Lower Upper
266 100
268 62.1 52.2 78.4
264 63.5 51.1 76.7





#71
Phenanthrene
Concen: 20.24 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

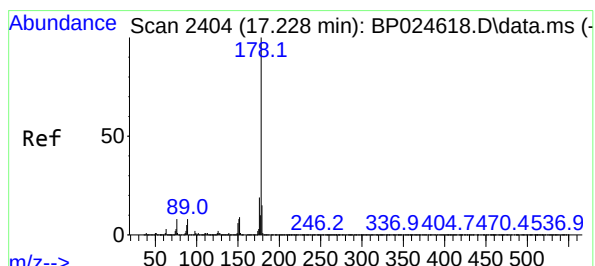
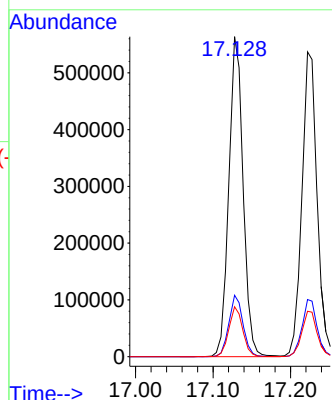
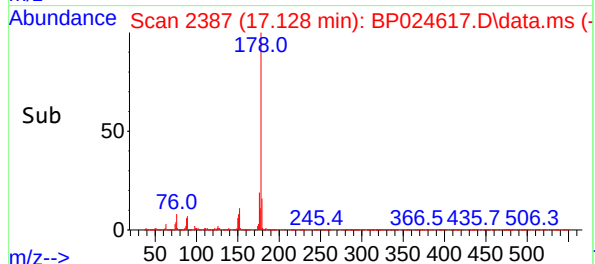
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 72492
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.2 18.4

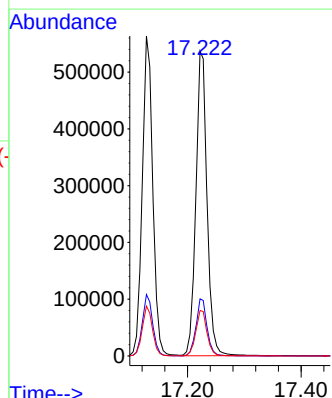
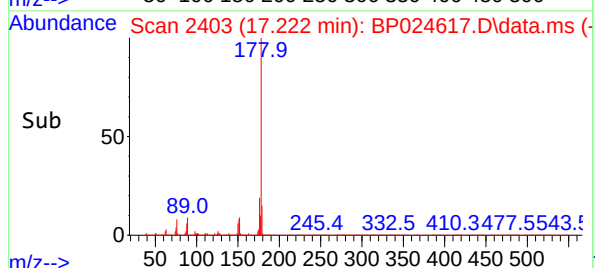
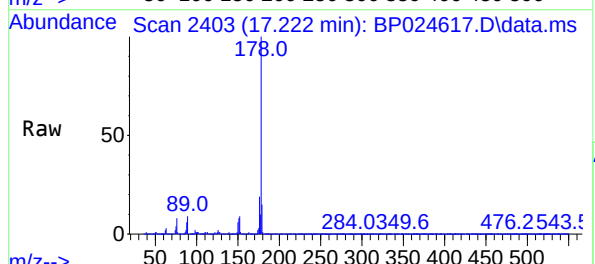
Manual Integrations
APPROVED

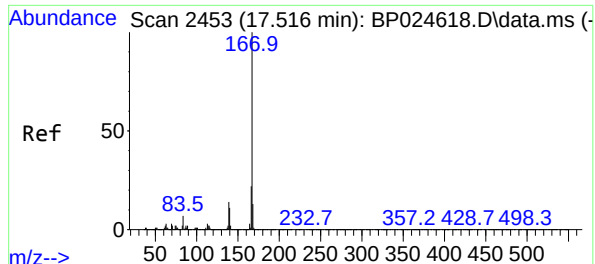
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#72
Anthracene
Concen: 20.42 ng
RT: 17.222 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:178 Resp: 735787
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 14.9 12.2 18.2





#73
Carbazole
Concen: 20.53 ng
RT: 17.510 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

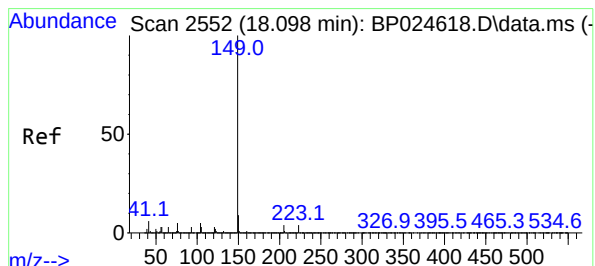
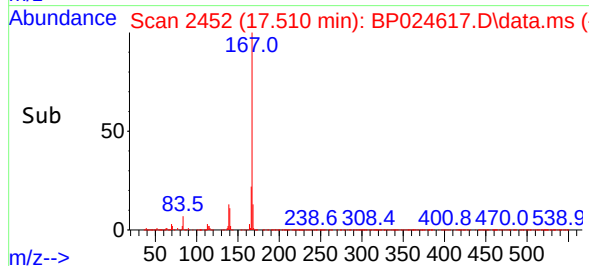
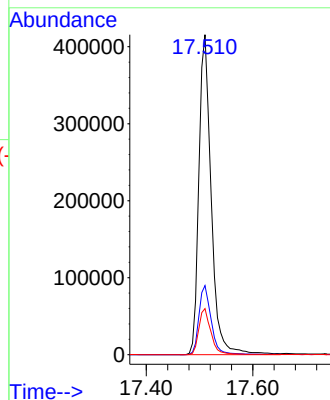
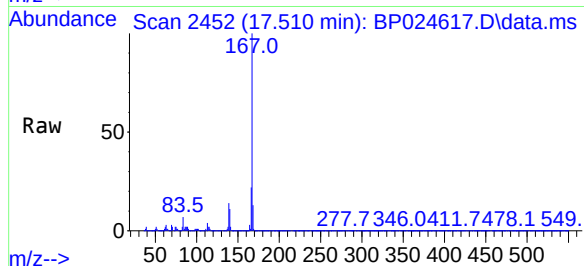
SSTDICC020

Tgt Ion:167 Resp: 669730
Ion Ratio Lower Upper
167 100
166 21.6 17.7 26.5
139 14.4 11.3 16.9

Manual Integrations

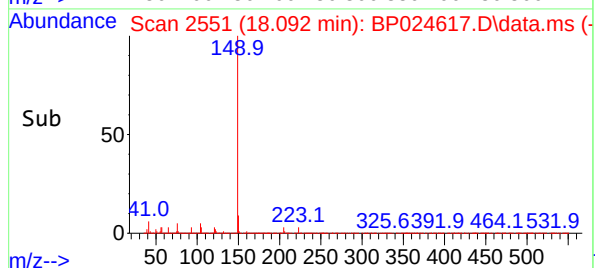
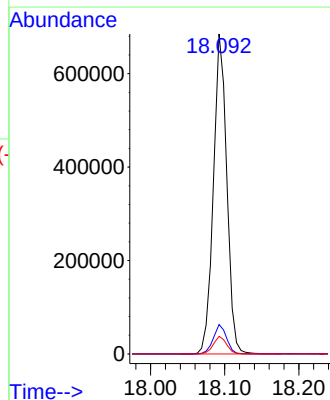
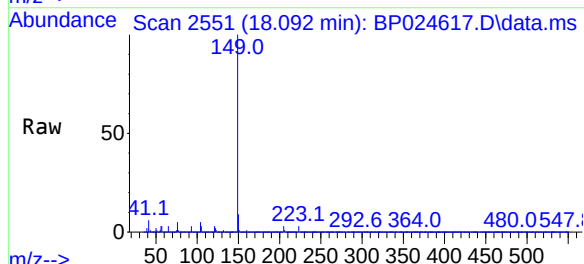
APPROVED

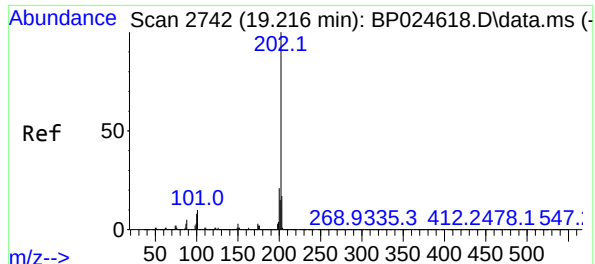
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#74
Di-n-butylphthalate
Concen: 20.46 ng
RT: 18.092 min Scan# 2551
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:149 Resp: 858522
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 20.22 ng
RT: 19.210 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

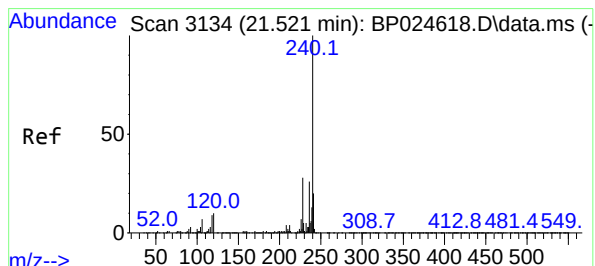
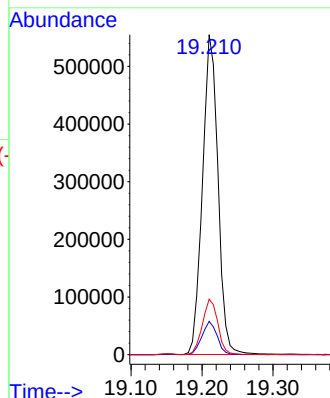
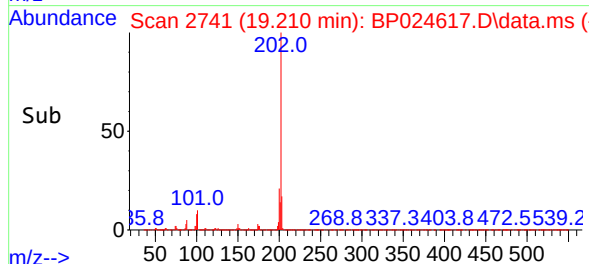
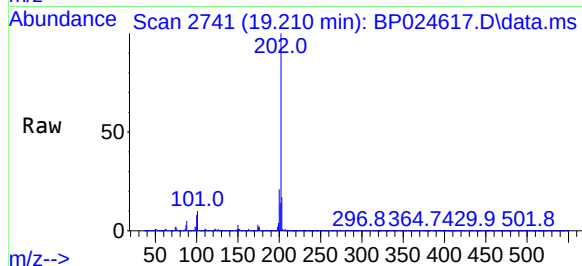
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
203	17.3	0.0	37.5

Manual Integrations

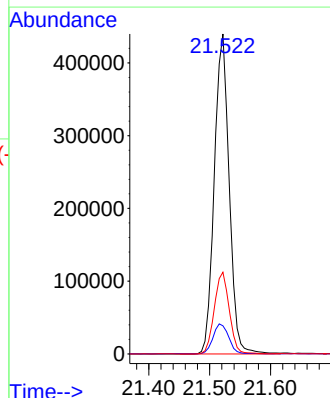
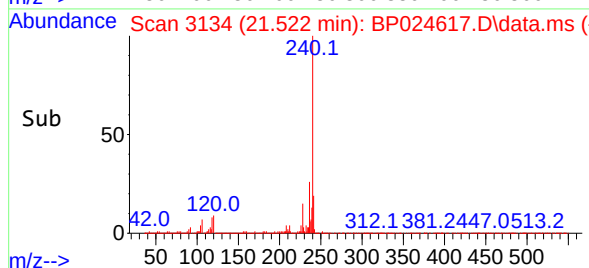
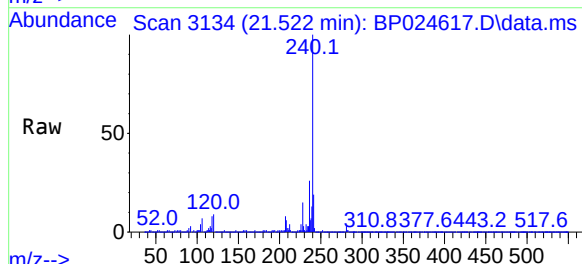
APPROVED

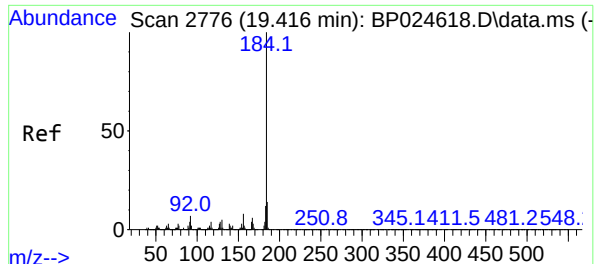
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.8	11.6
236	25.5	20.6	31.0





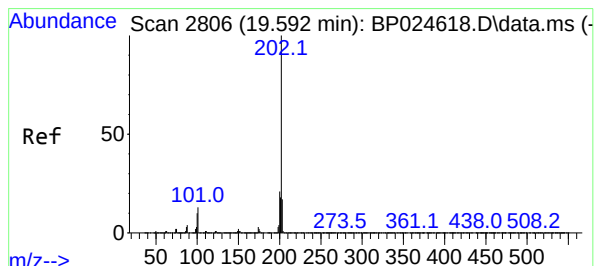
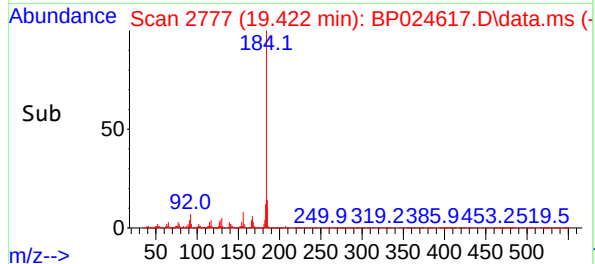
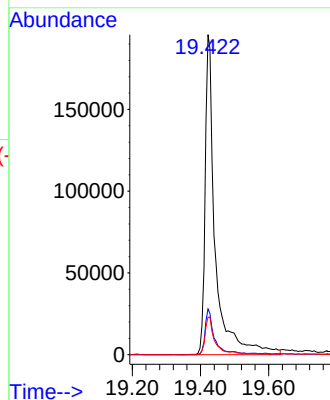
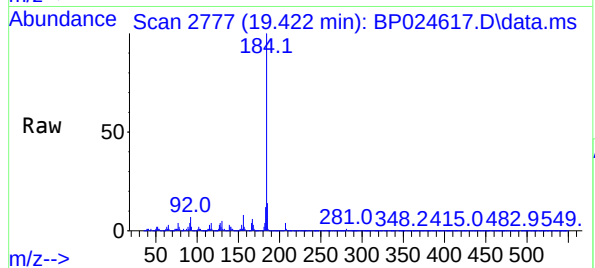
#77
Benzidine
Concen: 19.79 ng
RT: 19.422 min Scan# 2777
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 404890
Ion Ratio Lower Upper
184 100
185 14.3 11.2 16.8
183 11.8 9.8 14.8

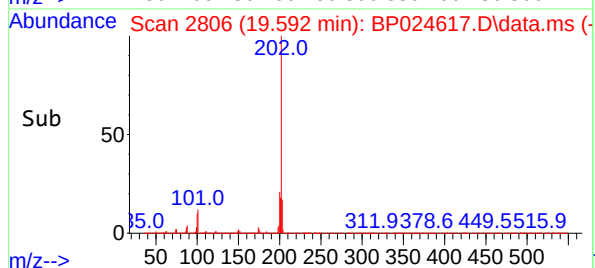
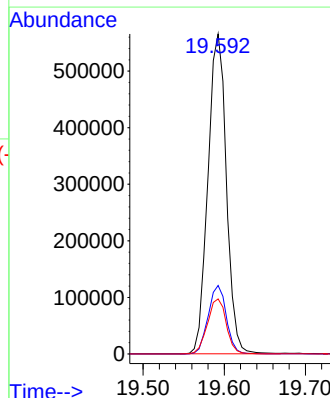
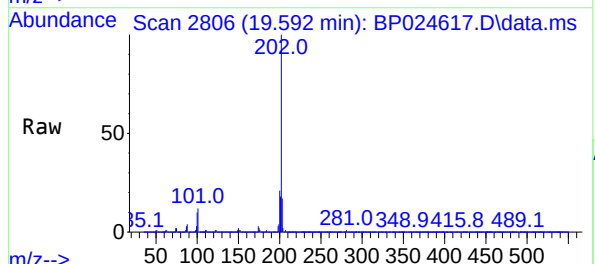
Manual Integrations
APPROVED

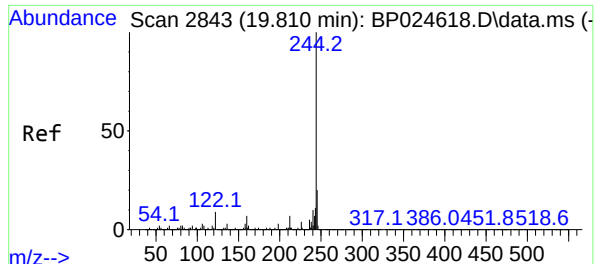
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#78
Pyrene
Concen: 19.98 ng
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

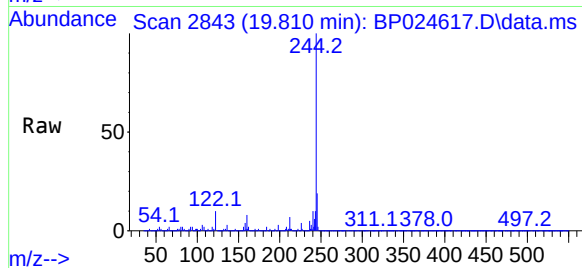
Tgt Ion:202 Resp: 892037
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.2 13.9 20.9





#79
Terphenyl-d14
Concen: 39.96 ng
RT: 19.810 min Scan# 2843
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

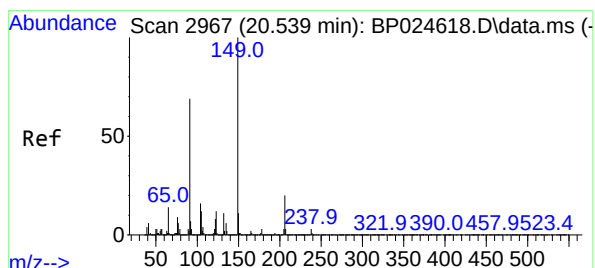
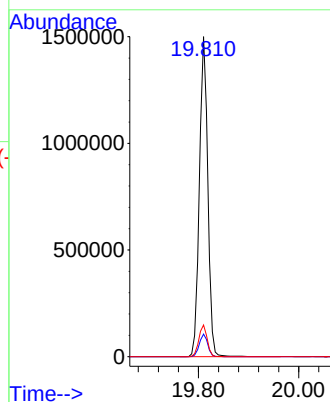
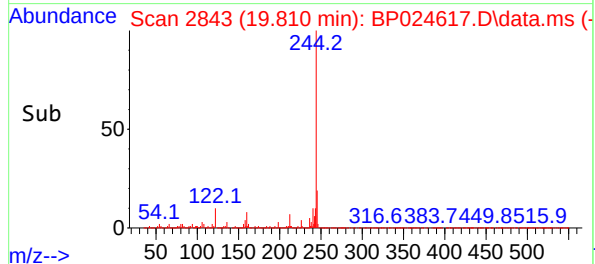
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:244 Resp: 1736879
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 9.9 7.4 11.0

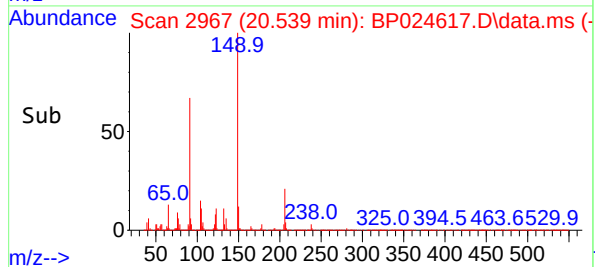
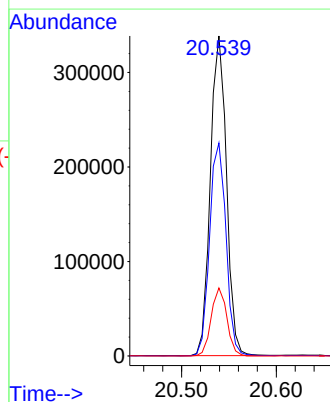
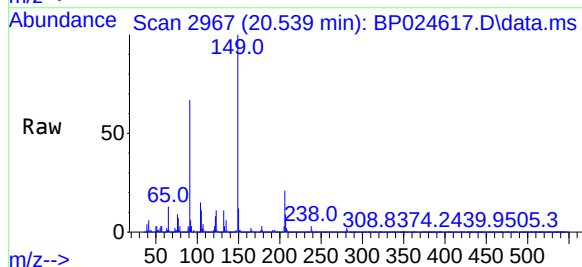
Manual Integrations
APPROVED

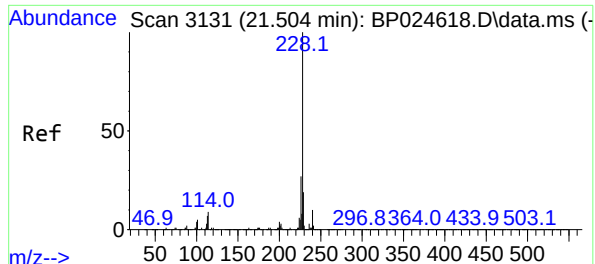
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#80
Butylbenzylphthalate
Concen: 20.14 ng
RT: 20.539 min Scan# 2967
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

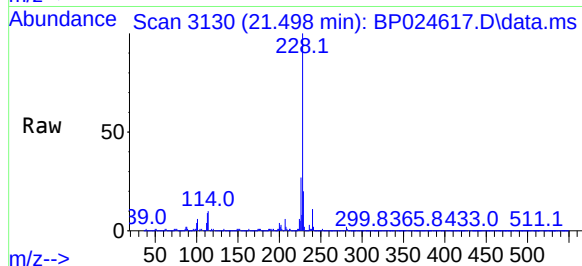
Tgt Ion:149 Resp: 400050
Ion Ratio Lower Upper
149 100
91 66.6 55.4 83.0
206 21.3 16.2 24.2





#81
Benzo(a)anthracene
Concen: 19.95 ng
RT: 21.498 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

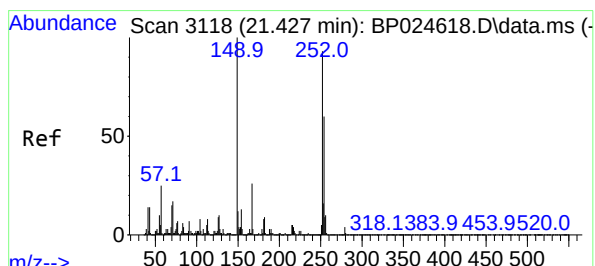
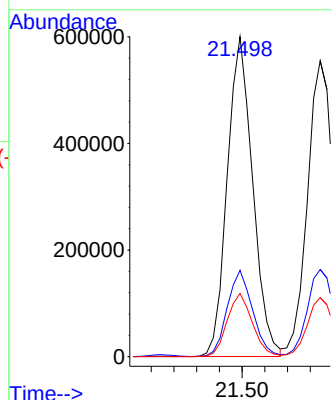
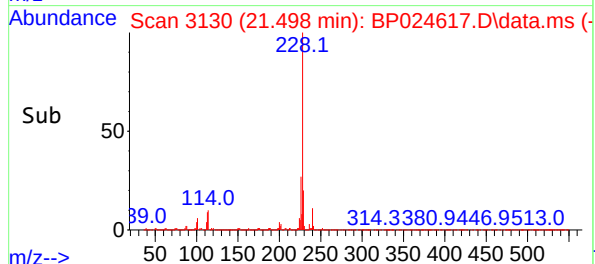
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 933614
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.7 15.5 23.3

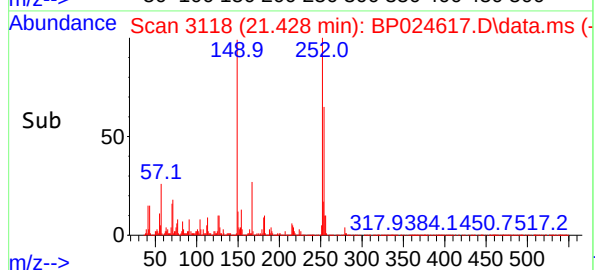
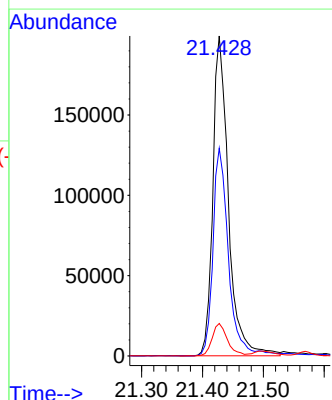
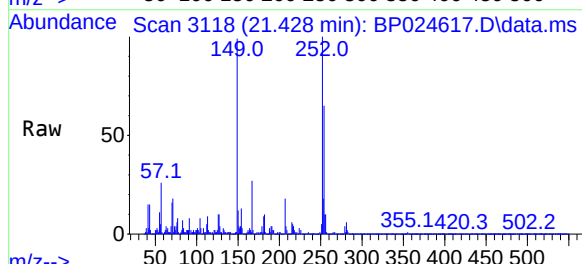
Manual Integrations
APPROVED

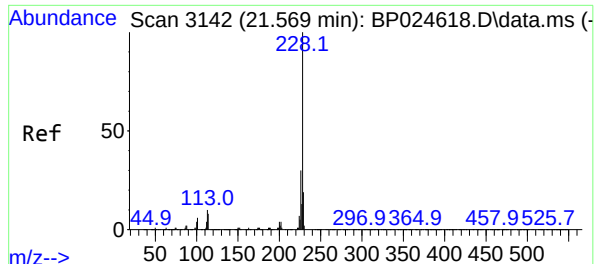
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 20.31 ng
RT: 21.428 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

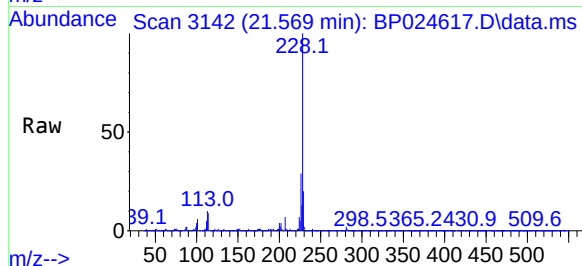
Tgt Ion:252 Resp: 353000
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.6
126 10.1 7.7 11.5





#83
Chrysene
Concen: 19.91 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

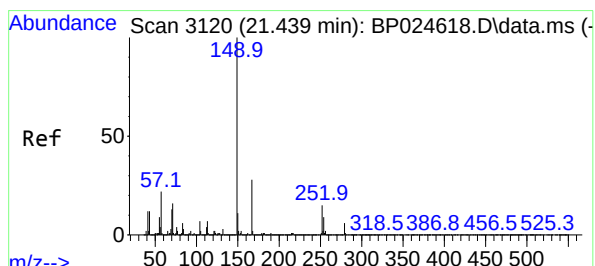
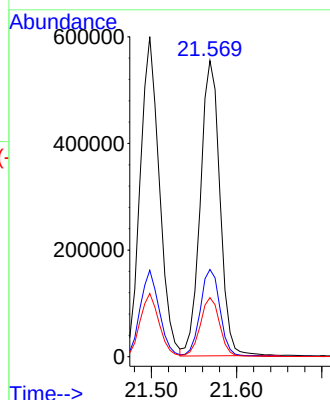
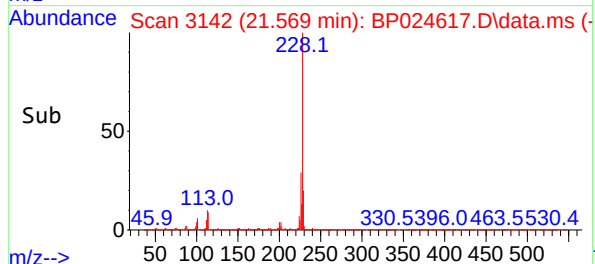
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



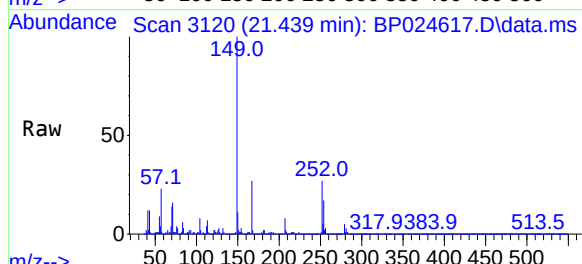
Tgt Ion:228 Resp: 883000
Ion Ratio Lower Upper
228 100
226 29.5 23.9 35.9
229 20.0 15.5 23.3

Manual Integrations
APPROVED

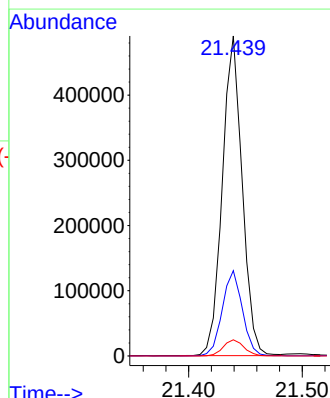
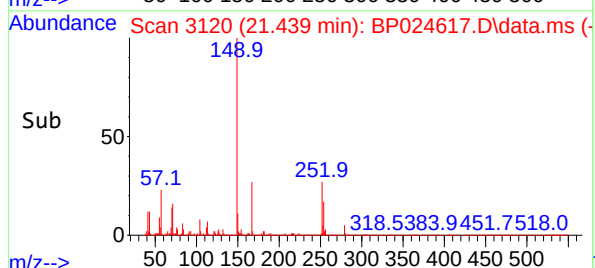
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

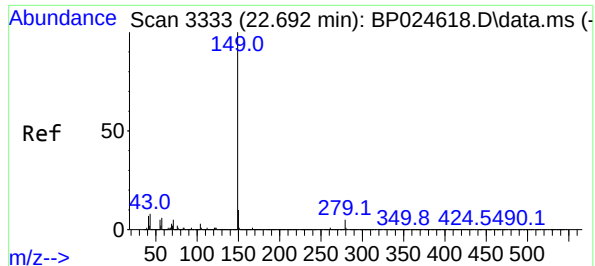


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.45 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43



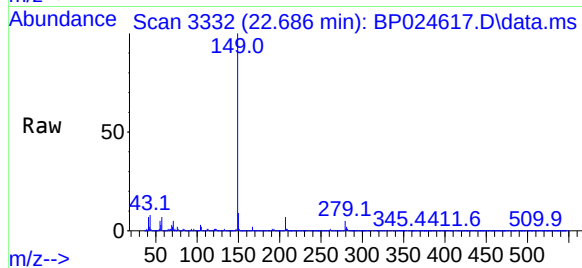
Tgt Ion:149 Resp: 597012
Ion Ratio Lower Upper
149 100
167 26.6 22.1 33.1
279 5.0 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 19.85 ng
RT: 22.686 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

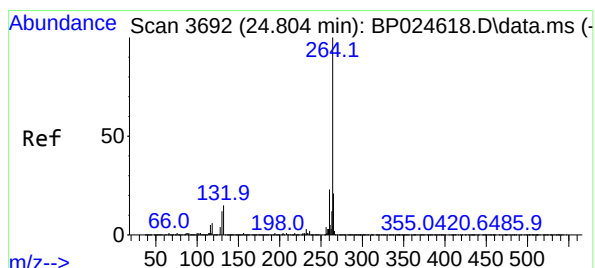
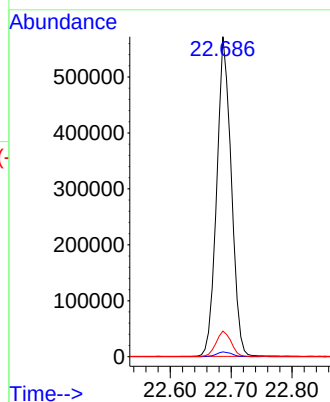
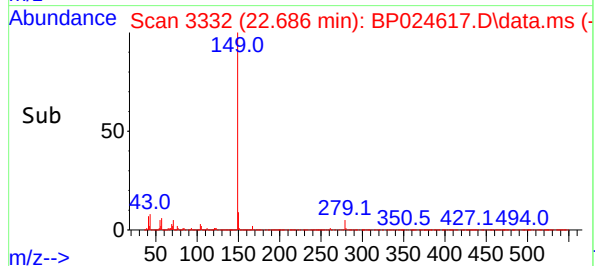
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 94757
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.3 6.3 9.5

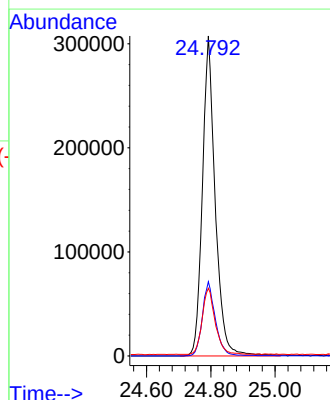
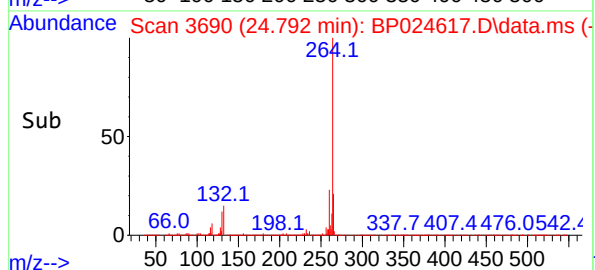
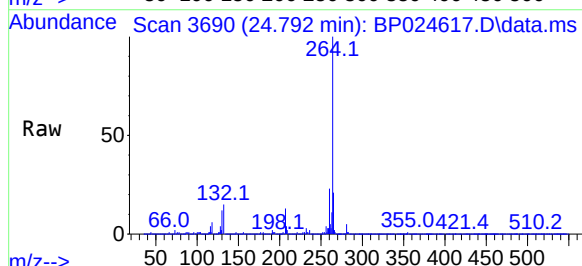
Manual Integrations
APPROVED

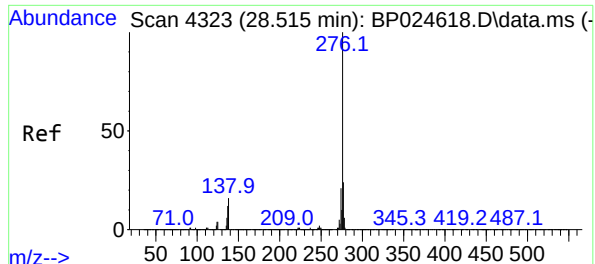
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.792 min Scan# 3690
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

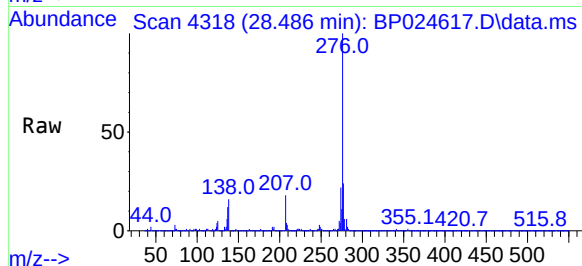
Tgt Ion:264 Resp: 850264
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.2 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 19.81 ng m
RT: 28.486 min Scan# 4318
Delta R.T. -0.029 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

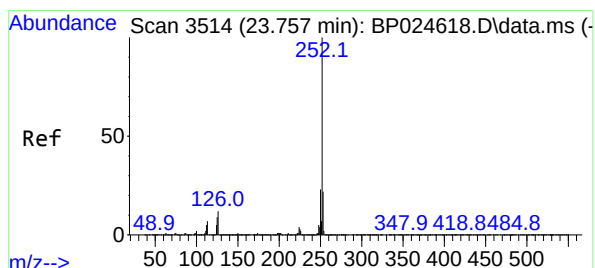
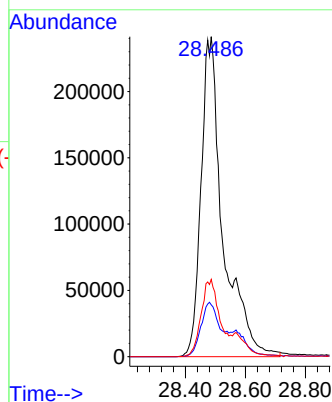
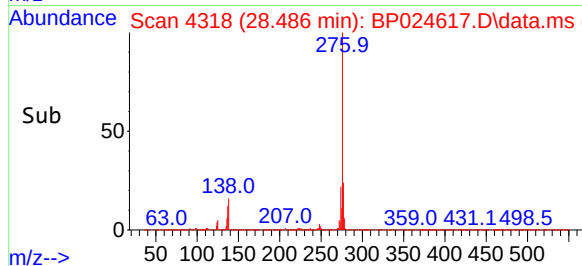
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 276 Resp: 123012
Ion Ratio Lower Upper
276 100
138 15.2 11.2 16.8
277 20.9 15.7 23.5

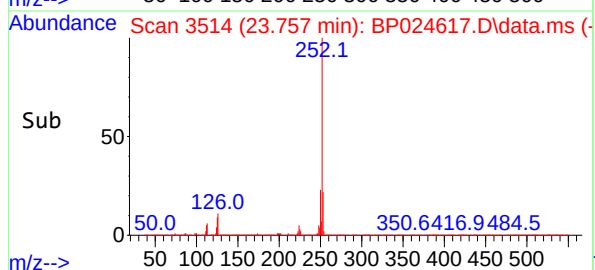
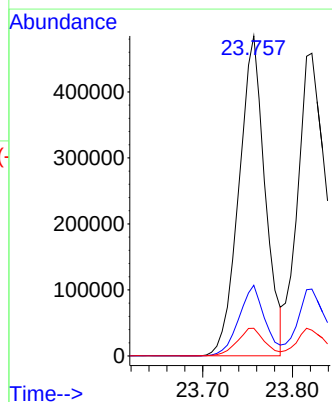
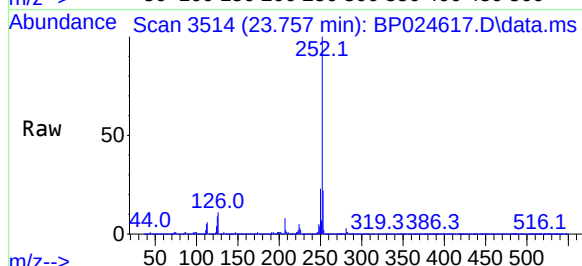
Manual Integrations
APPROVED

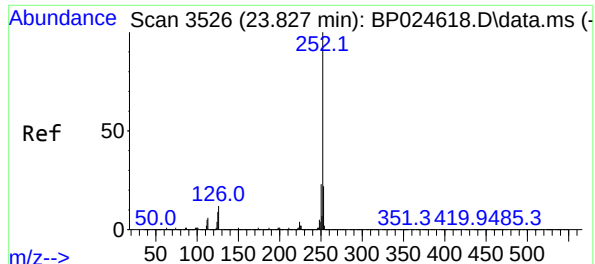
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#88
Benzo(b)fluoranthene
Concen: 20.13 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 252 Resp: 979873
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.7 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 20.05 ng

RT: 23.822 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 1005349

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

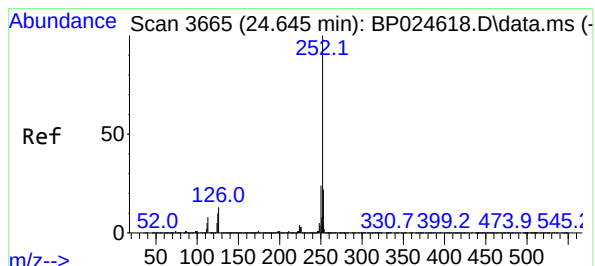
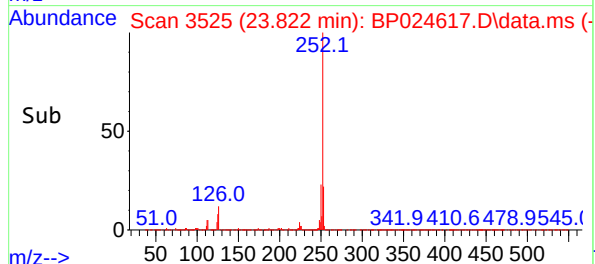
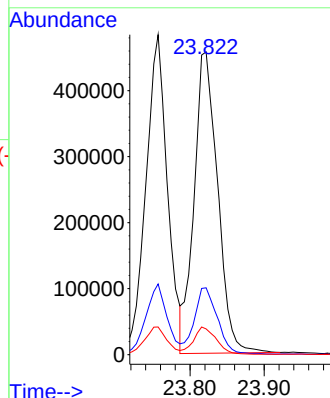
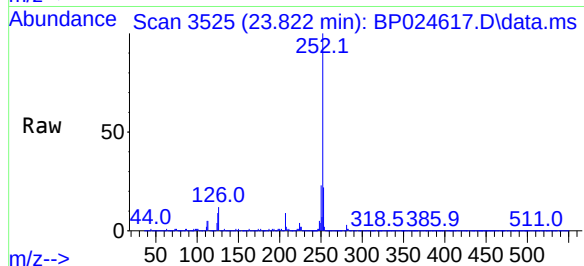
125 8.5 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#90

Benzo(a)pyrene

Concen: 20.23 ng

RT: 24.627 min Scan# 3662

Delta R.T. -0.017 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

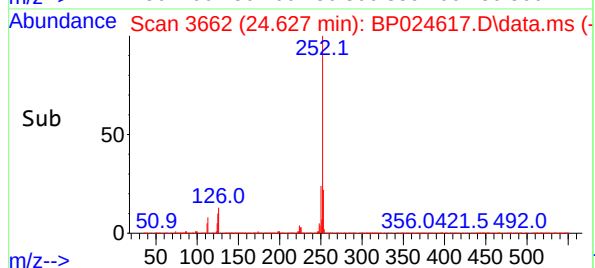
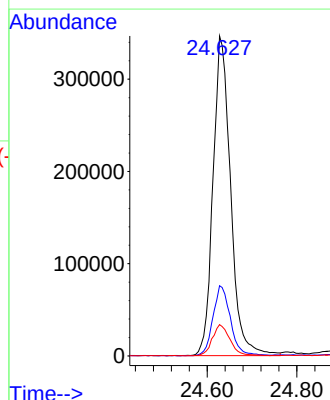
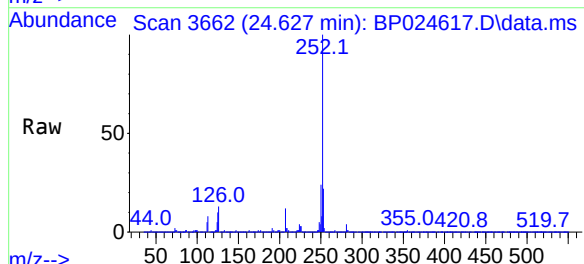
Tgt Ion:252 Resp: 945764

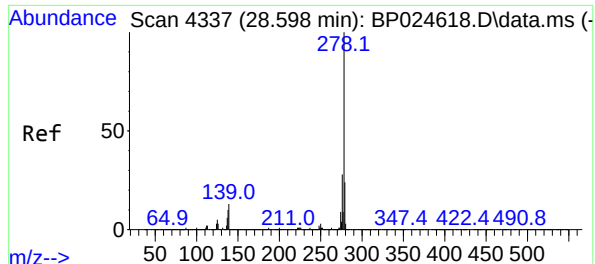
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 9.8 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 19.97 ng

RT: 28.568 min Scan# 41

Delta R.T. -0.029 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:278 Resp: 100828

Ion Ratio Lower Upper

278 100

139 13.5 10.2 15.4

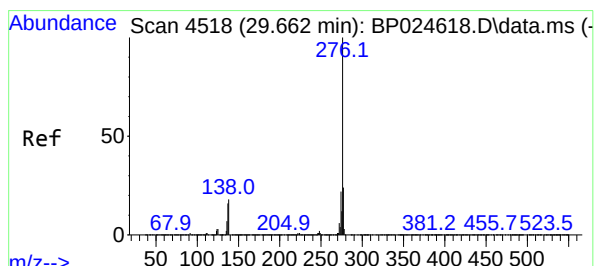
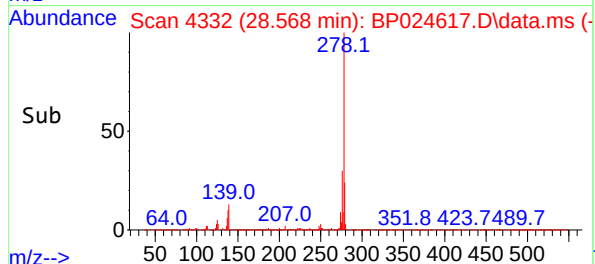
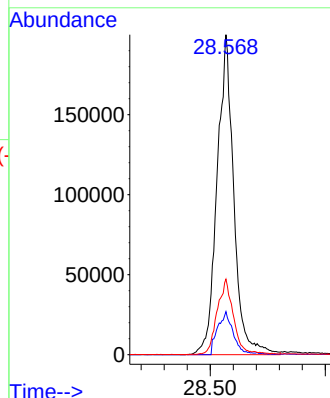
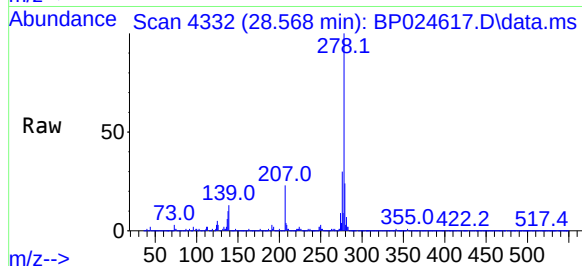
279 23.6 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#92

Benzo(g,h,i)perylene

Concen: 19.75 ng

RT: 29.627 min Scan# 4512

Delta R.T. -0.035 min

Lab File: BP024617.D

Acq: 13 May 2025 12:43

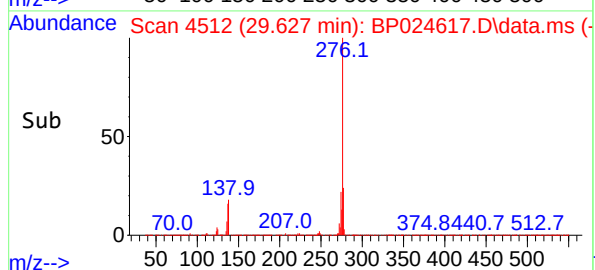
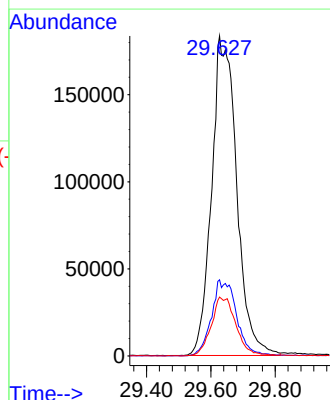
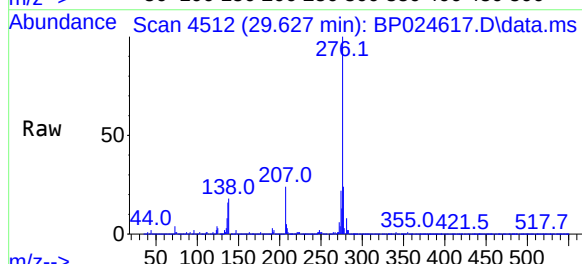
Tgt Ion:276 Resp: 991852

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 18.4 14.4 21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024618.D
 Acq On : 13 May 2025 13:24
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:06:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	120950	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	540452	20.00	ng	0.00
39) Acenaphthene-d10	14.304	164	362458	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	717362	20.00	ng	0.00
76) Chrysene-d12	21.521	240	810498	20.00	ng	0.00
86) Perylene-d12	24.804	264	929890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	534477	75.58	ng	0.00
7) Phenol-d6	6.852	99	712342	78.93	ng	0.00
23) Nitrobenzene-d5	8.810	82	826567	77.28	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	467808	76.13	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2076354	75.05	ng	0.00
79) Terphenyl-d14	19.810	244	3647961	77.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	122181	36.79	ng	100
3) Pyridine	3.622	79	289809	39.36	ng	100
4) n-Nitrosodimethylamine	3.534	42	125087	38.48	ng	100
6) Aniline	7.005	93	463675	39.79	ng	100
8) 2-Chlorophenol	7.240	128	315079	39.25	ng	100
9) Benzaldehyde	6.822	77	231076m	39.62	ng	
10) Phenol	6.881	94	364948	39.18	ng	100
11) bis(2-Chloroethyl)ether	7.099	93	293331	38.32	ng	100
12) 1,3-Dichlorobenzene	7.552	146	348242	37.71	ng	100
13) 1,4-Dichlorobenzene	7.699	146	355533	38.27	ng	100
14) 1,2-Dichlorobenzene	8.010	146	344980	38.11	ng	100
15) Benzyl Alcohol	7.905	79	277892	40.52	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.187	45	354872	38.71	ng	100
17) 2-Methylphenol	8.110	107	265962	39.81	ng	100
18) Hexachloroethane	8.728	117	133224	37.43	ng	100
19) n-Nitroso-di-n-propyla...	8.457	70	253553	40.61	ng	100
20) 3+4-Methylphenols	8.434	107	366564	40.33	ng	100
22) Acetophenone	8.475	105	521603	38.64	ng	100
24) Nitrobenzene	8.852	77	363767	38.65	ng	100
25) Isophorone	9.375	82	727081	39.19	ng	100
26) 2-Nitrophenol	9.563	139	185587	40.24	ng	100
27) 2,4-Dimethylphenol	9.628	122	322227	39.62	ng	100
28) bis(2-Chloroethoxy)met...	9.851	93	430958	38.88	ng	100
29) 2,4-Dichlorophenol	10.093	162	314830	39.95	ng	100
30) 1,2,4-Trichlorobenzene	10.299	180	330659	37.23	ng	100
31) Naphthalene	10.481	128	1059316	37.82	ng	100
32) Benzoic acid	9.775	122	206829m	38.01	ng	
33) 4-Chloroaniline	10.599	127	452150	40.01	ng	100
34) Hexachlorobutadiene	10.763	225	213978	37.19	ng	100
35) Caprolactam	11.387	113	118047	41.43	ng	100
36) 4-Chloro-3-methylphenol	11.734	107	385077	40.07	ng	100
37) 2-Methylnaphthalene	12.093	142	692133	38.17	ng	100
38) 1-Methylnaphthalene	12.316	142	745849	38.44	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	398230	37.84	ng	100
41) Hexachlorocyclopentadiene	12.445	237	258329	40.48	ng	100
43) 2,4,6-Trichlorophenol	12.716	196	268675	39.41	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024618.D
 Acq On : 13 May 2025 13:24
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:06:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	293079	38.62	ng	100
46) 1,1'-Biphenyl	13.116	154	1002344	37.42	ng	100
47) 2-Chloronaphthalene	13.157	162	771952	37.79	ng	100
48) 2-Nitroaniline	13.375	65	242485	40.10	ng	100
49) Acenaphthylene	14.016	152	1307740	38.26	ng	100
50) Dimethylphthalate	13.757	163	1051056	38.04	ng	100
51) 2,6-Dinitrotoluene	13.881	165	226086	38.75	ng	100
52) Acenaphthene	14.363	154	745335	37.93	ng	100
53) 3-Nitroaniline	14.216	138	246561	41.39	ng	100
54) 2,4-Dinitrophenol	14.428	184	124517	37.54	ng	100
55) Dibenzofuran	14.698	168	1183806	37.77	ng	100
56) 4-Nitrophenol	14.551	139	186112	38.41	ng	100
57) 2,4-Dinitrotoluene	14.681	165	329156	40.02	ng	100
58) Fluorene	15.357	166	968487	37.89	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.939	232	274384	38.98	ng	100
60) Diethylphthalate	15.139	149	1046478	37.48	ng	100
61) 4-Chlorophenyl-phenyle...	15.357	204	475327	37.29	ng	100
62) 4-Nitroaniline	15.392	138	239212	41.24	ng	100
63) Azobenzene	15.651	77	906274	37.94	ng	100
65) 4,6-Dinitro-2-methylph...	15.457	198	184593	39.84	ng	100
66) n-Nitrosodiphenylamine	15.581	169	851188	38.63	ng	100
67) 4-Bromophenyl-phenylether	16.263	248	323558	38.28	ng	100
68) Hexachlorobenzene	16.381	284	403916	37.60	ng	100
69) Atrazine	16.557	200	312226	38.67	ng	100
70) Pentachlorophenol	16.745	266	246828	40.91	ng	100
71) Phenanthrene	17.133	178	1507602	37.80	ng	100
72) Anthracene	17.228	178	1542275	38.44	ng	100
73) Carbazole	17.516	167	1436294	39.55	ng	100
74) Di-n-butylphthalate	18.098	149	1807097	38.69	ng	100
75) Fluoranthene	19.216	202	1794046	38.49	ng	100
77) Benzidine	19.416	184	907109	40.77	ng	100
78) Pyrene	19.592	202	1869519	38.50	ng	100
80) Butylbenzylphthalate	20.539	149	854913	39.58	ng	100
81) Benzo(a)anthracene	21.504	228	1957632	38.47	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	773866	40.94	ng	100
83) Chrysene	21.569	228	1833959	38.01	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1240956	39.09	ng	100
85) Di-n-octyl phthalate	22.692	149	2074694	39.97	ng	100
87) Indeno(1,2,3-cd)pyrene	28.515	276	2648648	39.00	ng	100
88) Benzo(b)fluoranthene	23.757	252	2050806	38.53	ng	100
89) Benzo(k)fluoranthene	23.827	252	2120721	38.67	ng	100
90) Benzo(a)pyrene	24.645	252	1979017	38.71	ng	100
91) Dibenzo(a,h)anthracene	28.598	278	2170712	39.30	ng	100
92) Benzo(g,h,i)perylene	29.662	276	2132921	38.84	ng	100

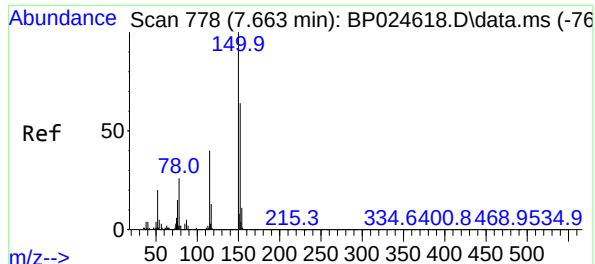
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

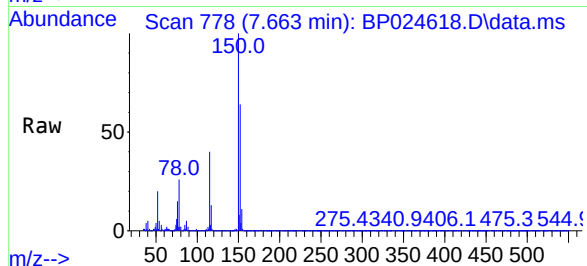
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

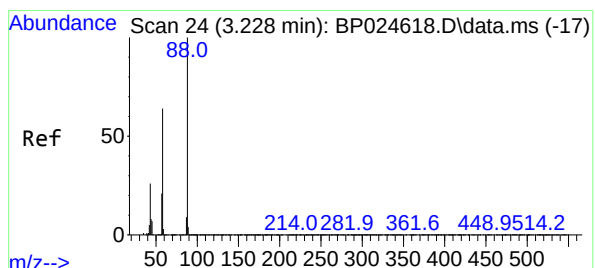
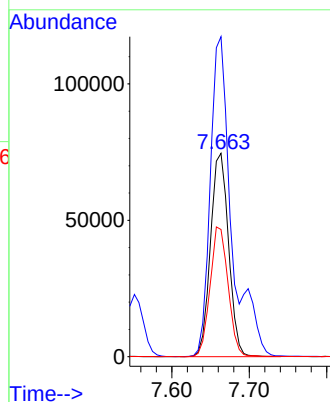
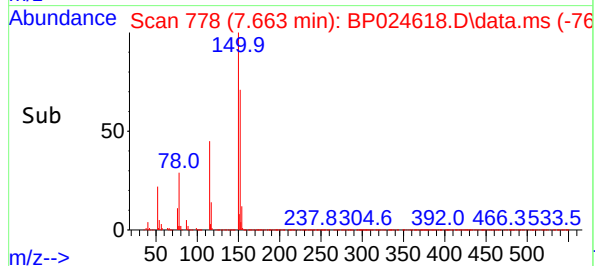
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 120950
Ion Ratio Lower Upper
152 100
150 157.4 125.9 188.9
115 62.6 50.1 75.1

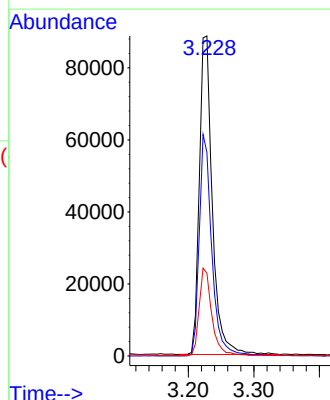
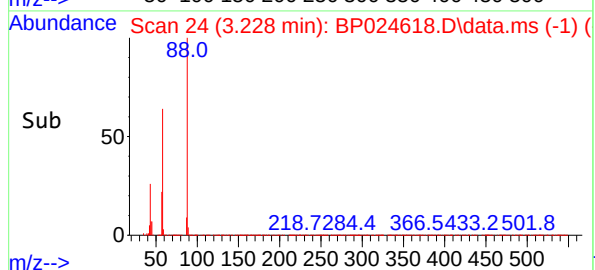
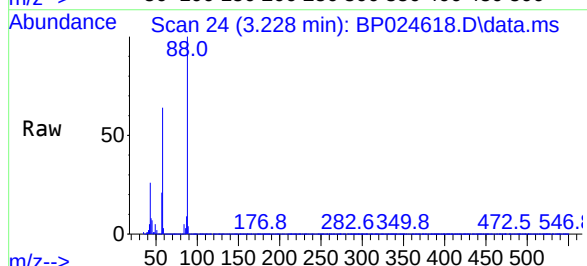
Manual Integrations
APPROVED

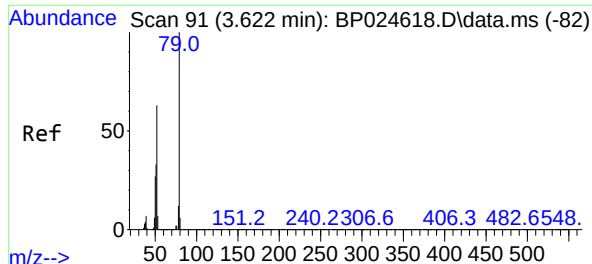
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#2
1,4-Dioxane
Concen: 36.79 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

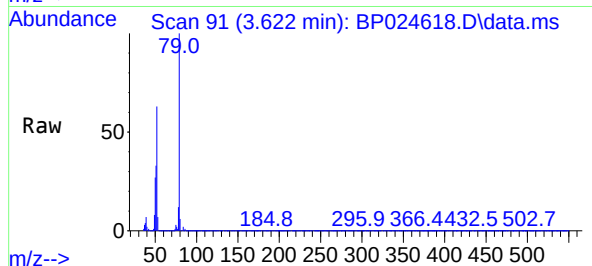
Tgt Ion: 88 Resp: 122181
Ion Ratio Lower Upper
88 100
58 67.5 54.0 81.0
43 26.7 21.4 32.0





#3
Pyridine
Concen: 39.36 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

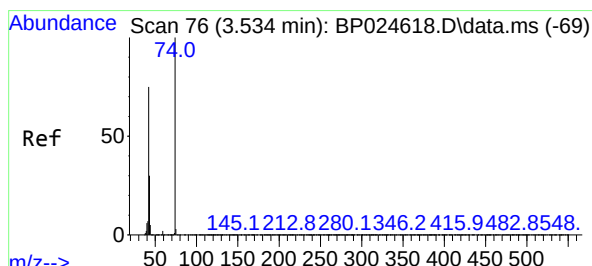
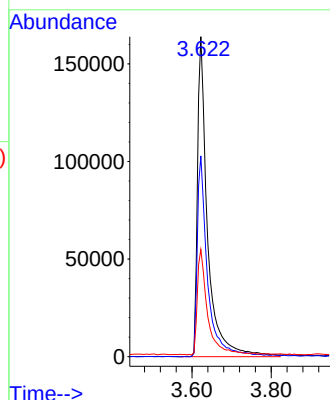
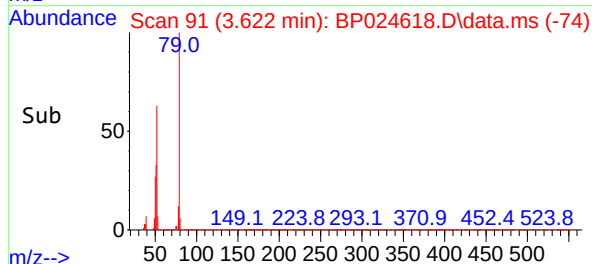
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



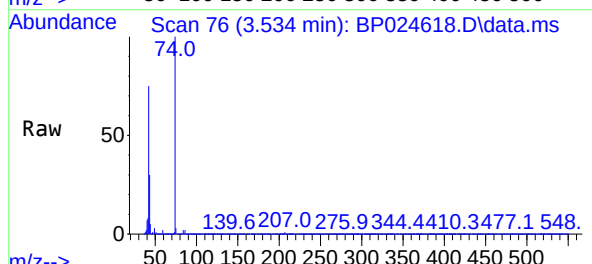
Tgt Ion: 79 Resp: 289809
Ion Ratio Lower Upper
79 100
52 62.7 50.2 75.2
51 33.5 26.8 40.2

Manual Integrations
APPROVED

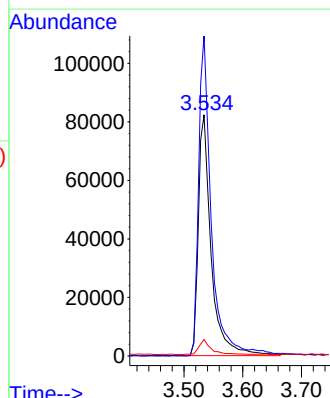
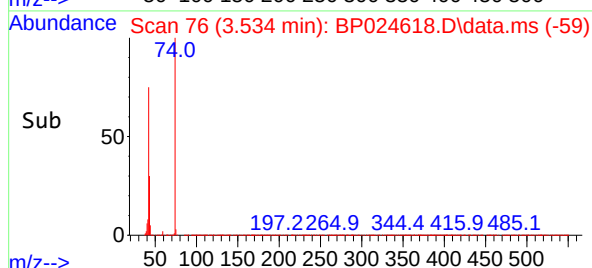
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

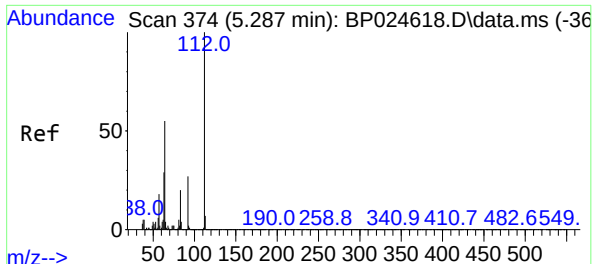


#4
n-Nitrosodimethylamine
Concen: 38.48 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24



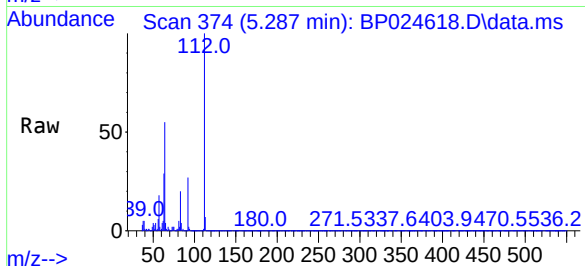
Tgt Ion: 42 Resp: 125087
Ion Ratio Lower Upper
42 100
74 132.7 106.2 159.2
44 6.8 5.4 8.2





#5
2-Fluorophenol
Concen: 75.58 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

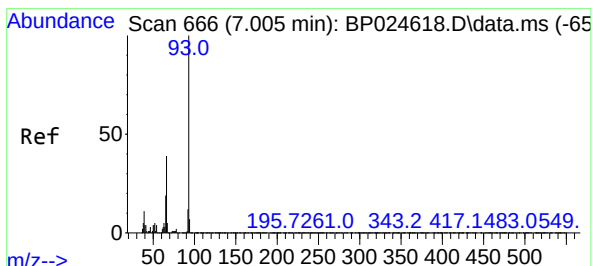
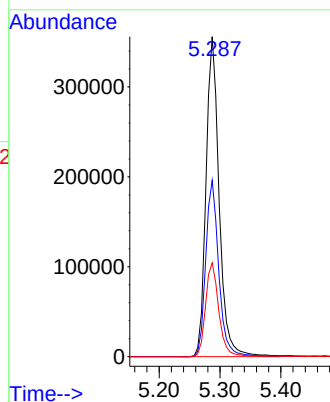
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 112 Resp: 53447
Ion Ratio Lower Upper
112 100
64 55.1 44.1 66.1
63 29.4 23.5 35.3

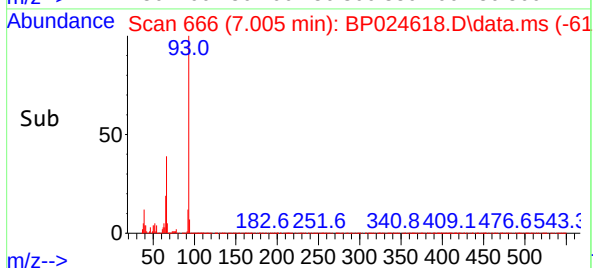
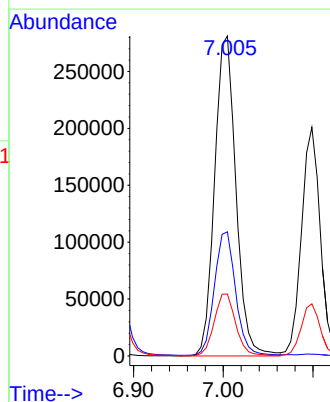
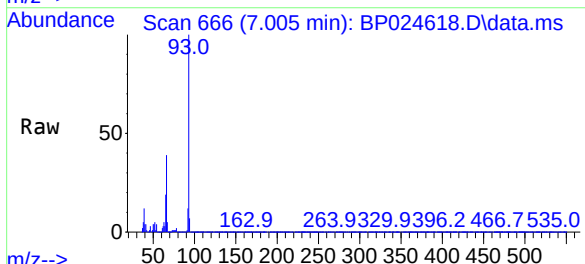
Manual Integrations
APPROVED

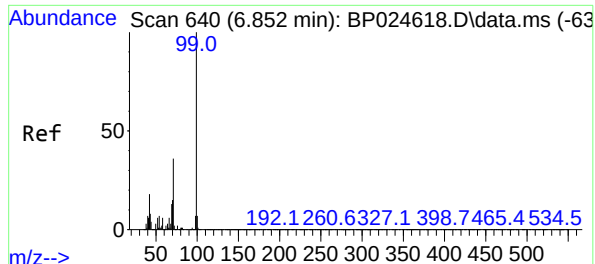
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#6
Aniline
Concen: 39.79 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

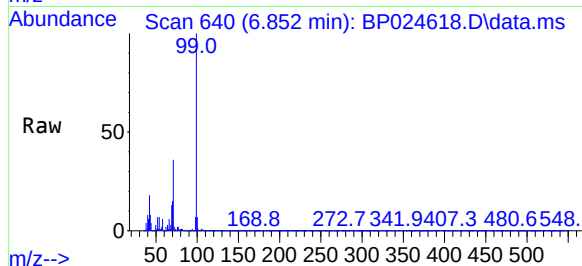
Tgt Ion: 93 Resp: 463675
Ion Ratio Lower Upper
93 100
66 38.8 31.0 46.6
65 19.4 15.5 23.3





#7
Phenol-d6
Concen: 78.93 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

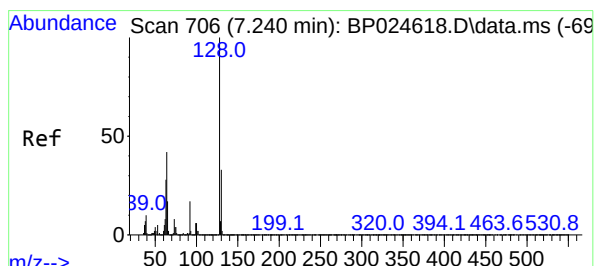
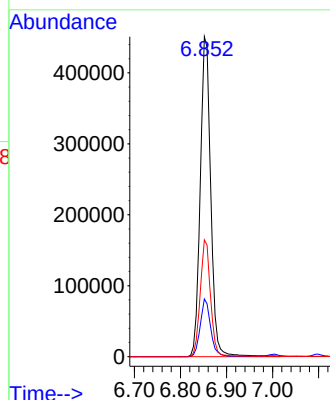
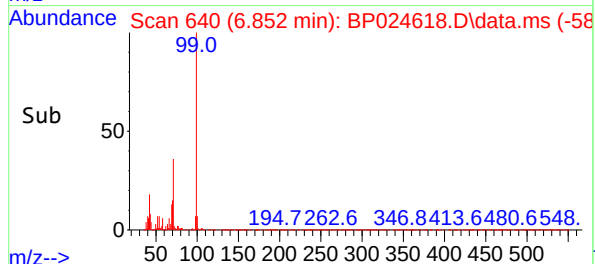
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 99 Resp: 71234
Ion Ratio Lower Upper
99 100
42 18.0 14.4 21.6
71 36.5 29.2 43.8

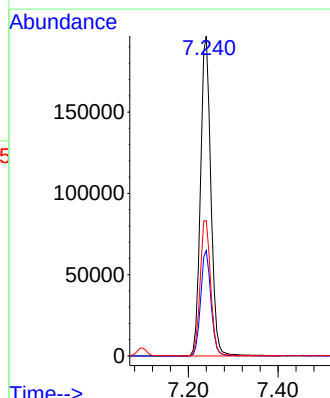
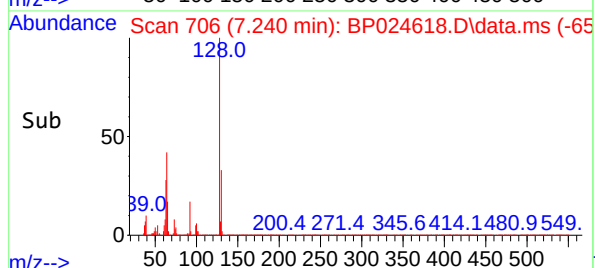
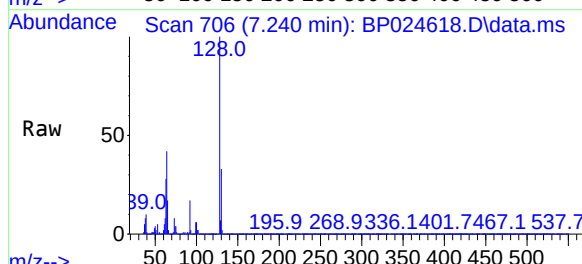
Manual Integrations
APPROVED

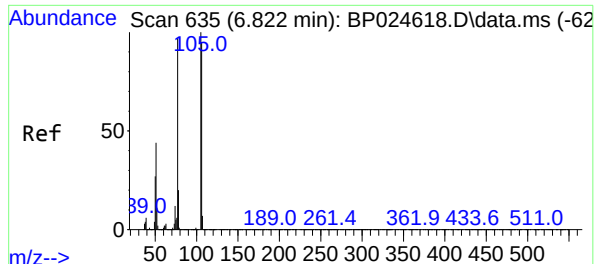
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#8
2-Chlorophenol
Concen: 39.25 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

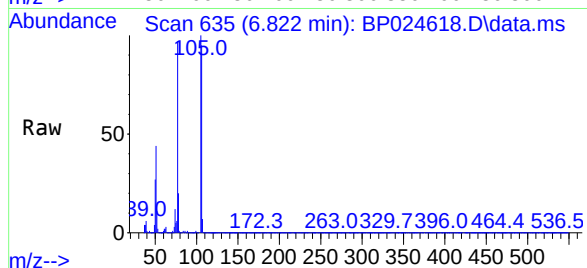
Tgt Ion:128 Resp: 315079
Ion Ratio Lower Upper
128 100
130 33.0 13.0 53.0
64 42.3 22.3 62.3





#9
Benzaldehyde
Concen: 39.62 ng m
RT: 6.822 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

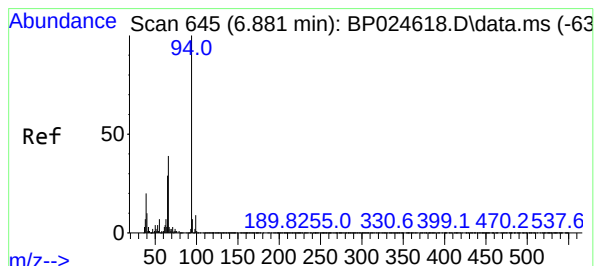
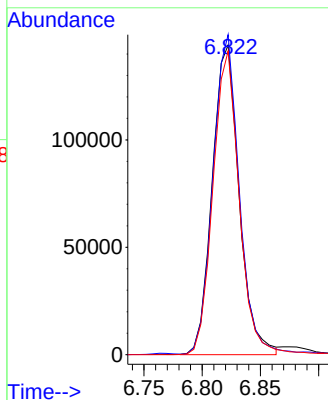
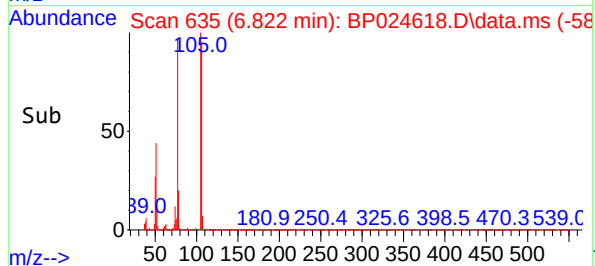
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 231070
Ion Ratio Lower Upper
77 100
105 103.3 83.3 123.3
106 98.0 78.0 118.0

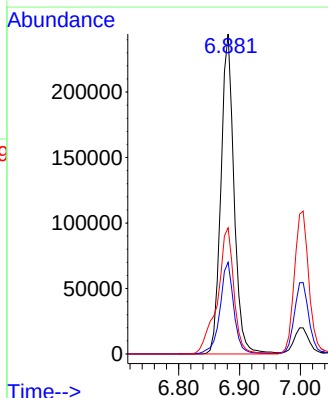
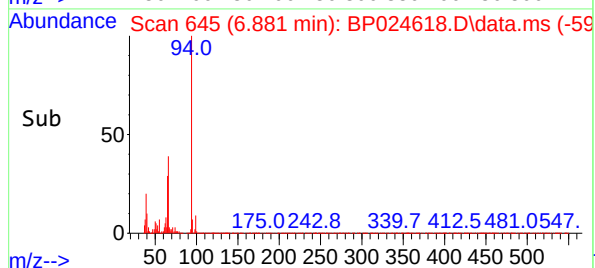
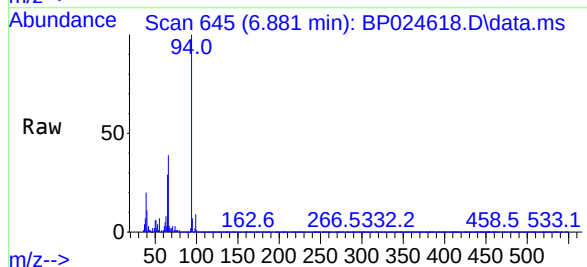
Manual Integrations
APPROVED

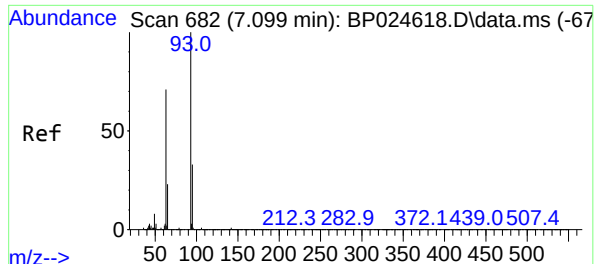
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#10
Phenol
Concen: 39.18 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 94 Resp: 364948
Ion Ratio Lower Upper
94 100
65 28.7 8.7 48.7
66 39.4 19.4 59.4





#11

bis(2-Chloroethyl)ether

Concen: 38.32 ng

RT: 7.099 min Scan# 682

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 93 Resp: 29333

Ion Ratio Lower Upper

93 100

63 70.6 50.6 90.6

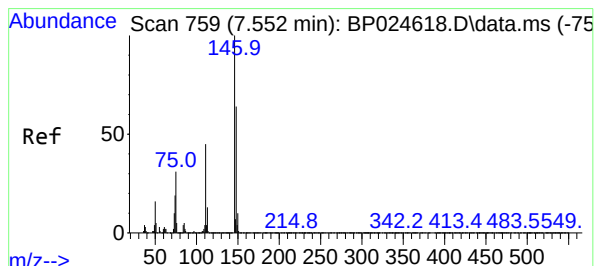
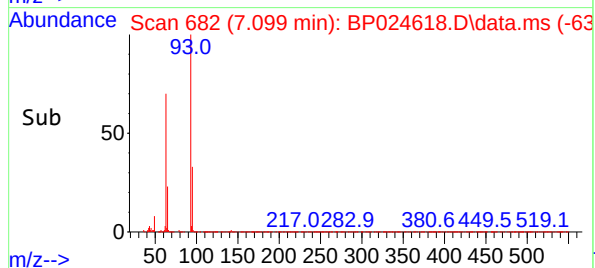
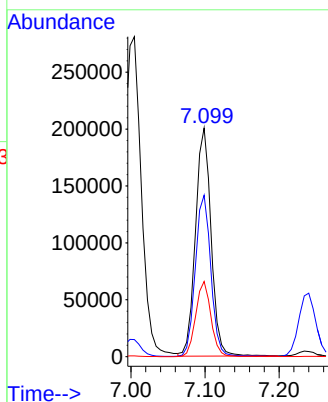
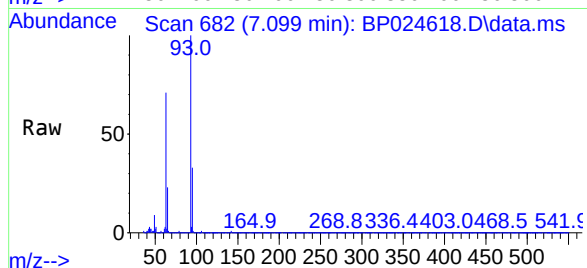
95 32.9 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#12

1,3-Dichlorobenzene

Concen: 37.71 ng

RT: 7.552 min Scan# 759

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

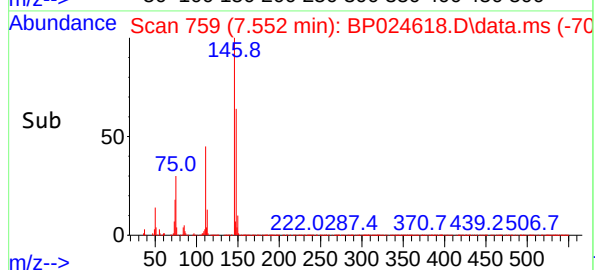
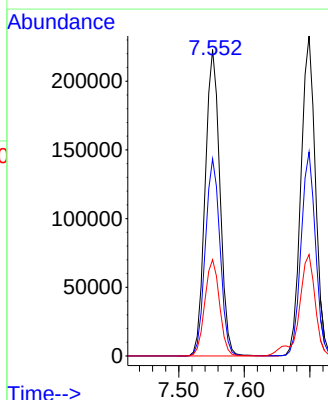
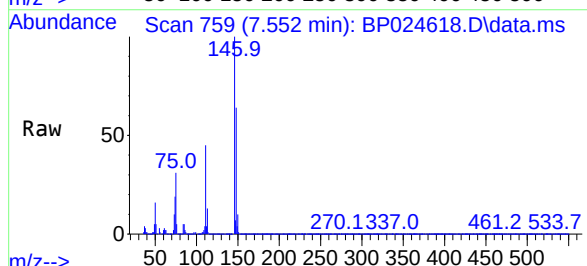
Tgt Ion:146 Resp: 348242

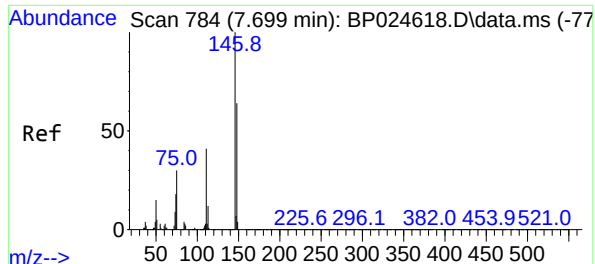
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

75 31.5 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 38.27 ng

RT: 7.699 min Scan# 784

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 35553

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

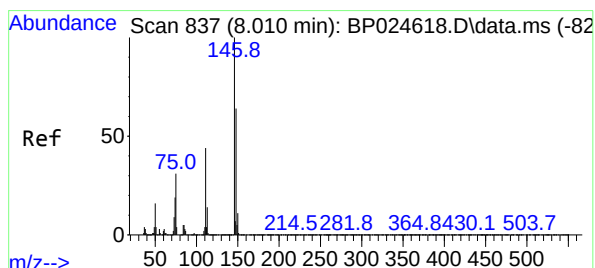
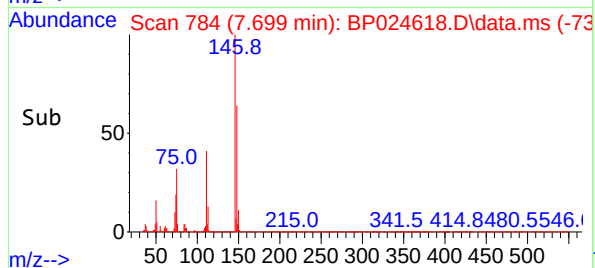
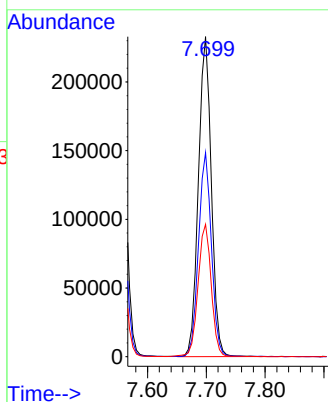
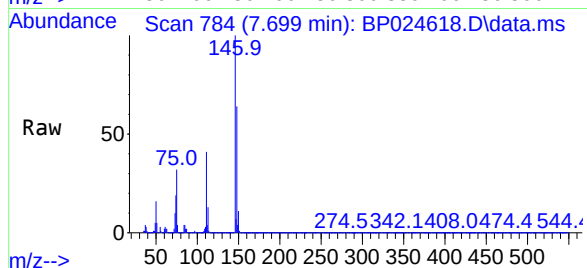
111 41.3 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#14

1,2-Dichlorobenzene

Concen: 38.11 ng

RT: 8.010 min Scan# 837

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

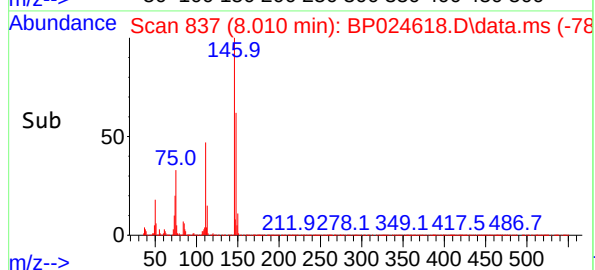
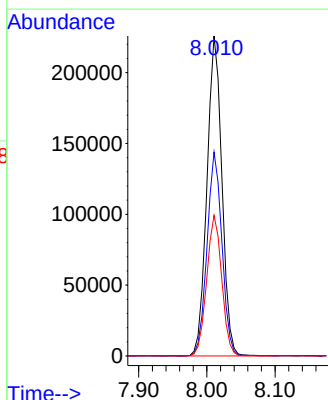
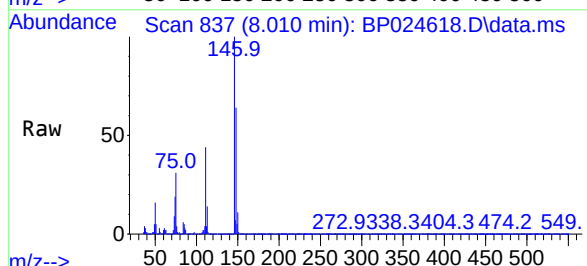
Tgt Ion:146 Resp: 344980

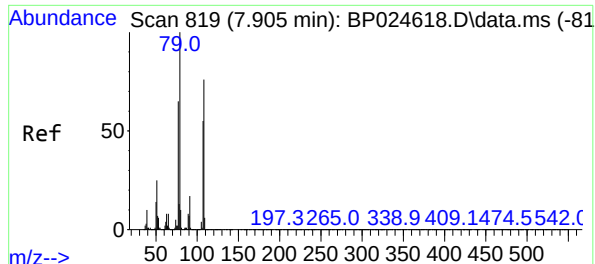
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

111 44.0 35.2 52.8





#15

Benzyl Alcohol

Concen: 40.52 ng

RT: 7.905 min Scan# 819

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 277892

Ion Ratio Lower Upper

79 100

108 76.0 60.8 91.2

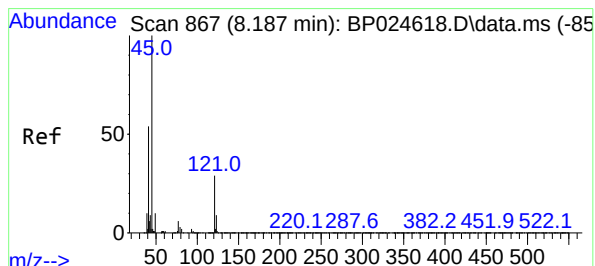
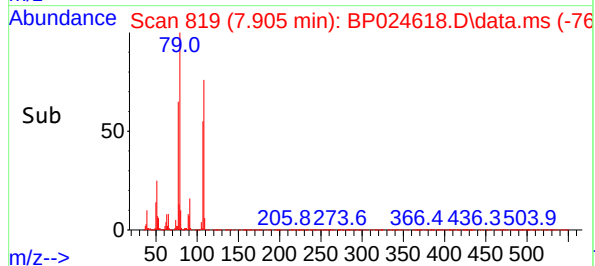
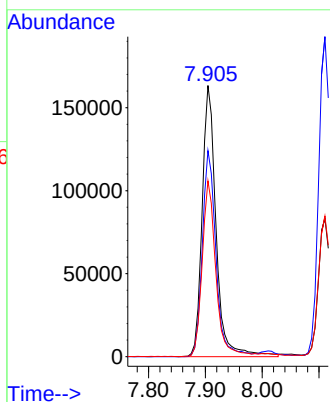
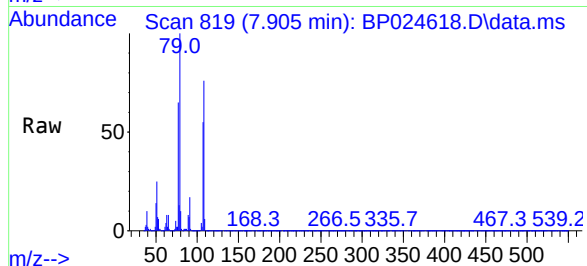
77 64.9 51.9 77.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.71 ng

RT: 8.187 min Scan# 867

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

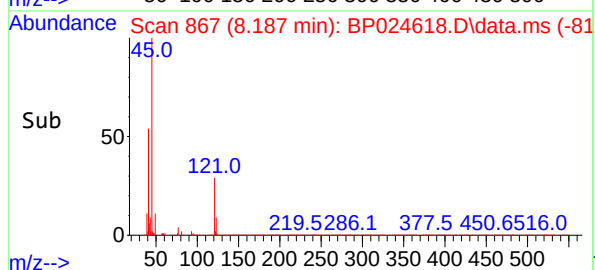
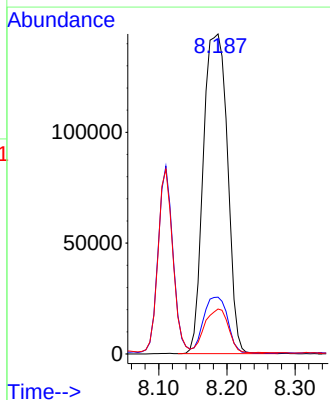
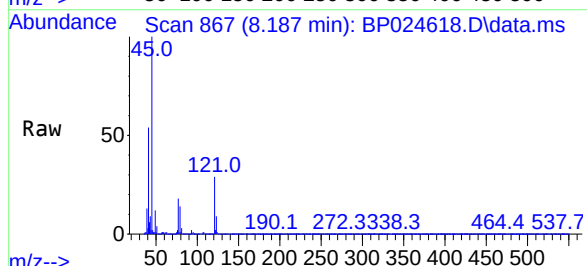
Tgt Ion: 45 Resp: 354872

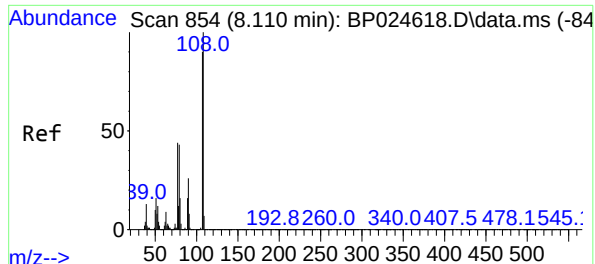
Ion Ratio Lower Upper

45 100

77 17.7 0.0 37.7

79 14.0 0.0 34.0





#17

2-Methylphenol

Concen: 39.81 ng

RT: 8.110 min Scan# 854

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 265962

Ion Ratio Lower Upper

107 100

108 111.1 88.9 133.3

77 48.8 39.0 58.6

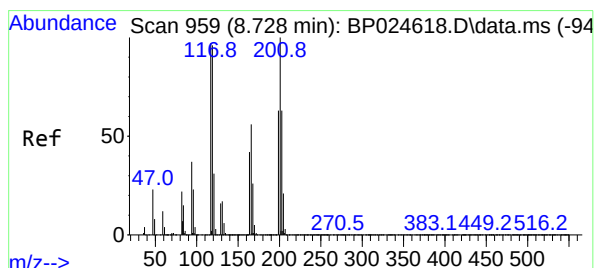
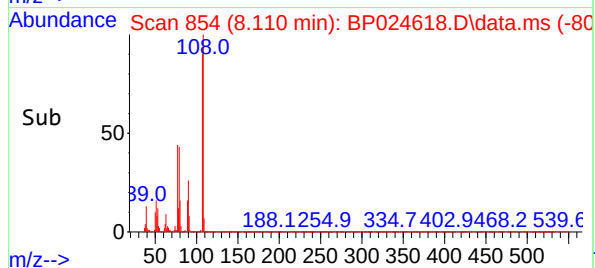
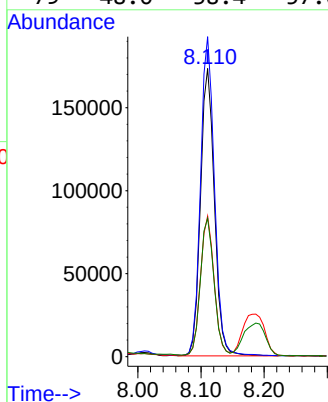
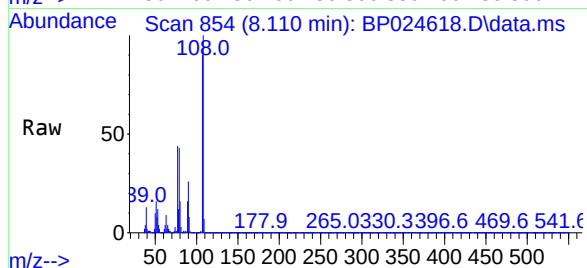
79 48.0 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#18

Hexachloroethane

Concen: 37.43 ng

RT: 8.728 min Scan# 959

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

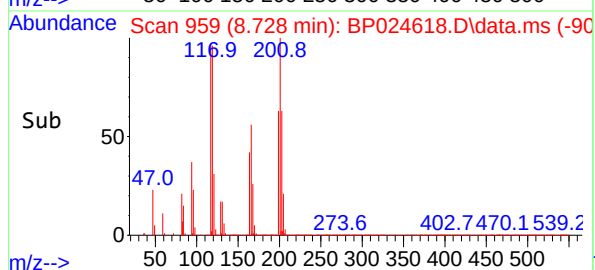
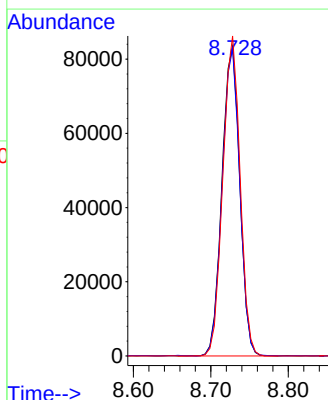
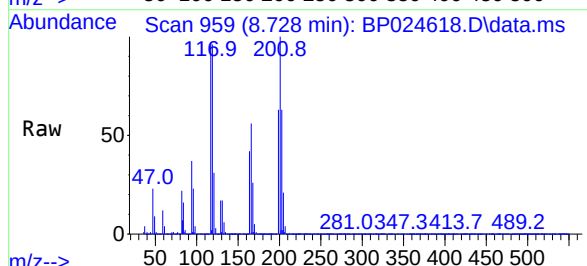
Tgt Ion:117 Resp: 133224

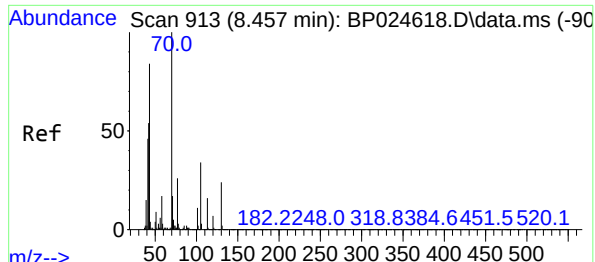
Ion Ratio Lower Upper

117 100

119 99.2 79.4 119.0

201 103.4 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.61 ng

RT: 8.457 min Scan# 913

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 25355

Ion Ratio Lower Upper

70 100

42 53.8 43.0 64.6

101 10.9 8.7 13.1

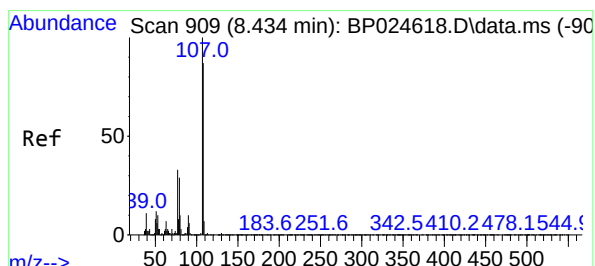
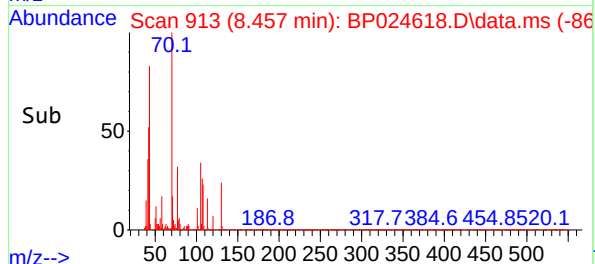
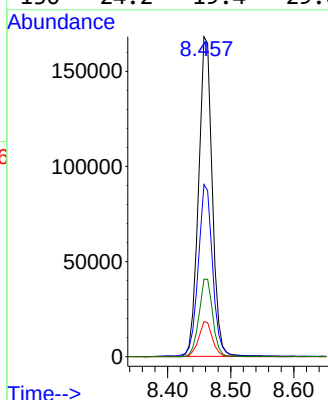
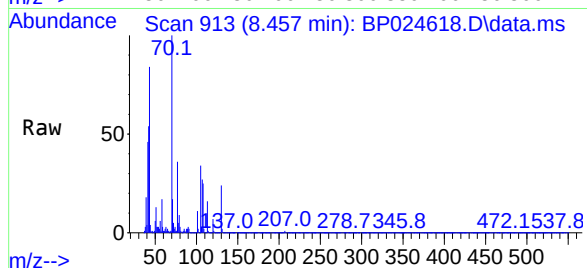
130 24.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#20

3+4-Methylphenols

Concen: 40.33 ng

RT: 8.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Tgt Ion:107 Resp: 366564

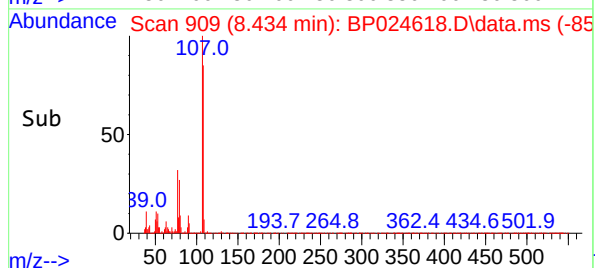
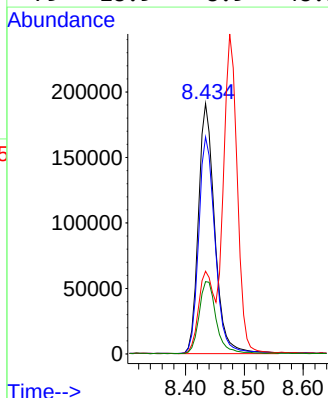
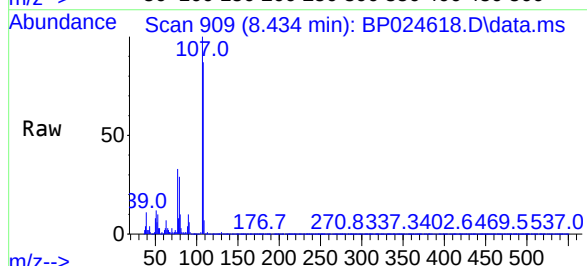
Ion Ratio Lower Upper

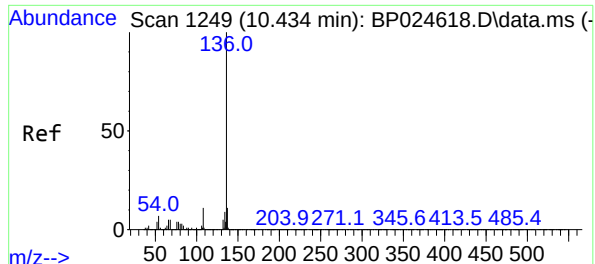
107 100

108 86.7 66.7 106.7

77 33.1 13.1 53.1

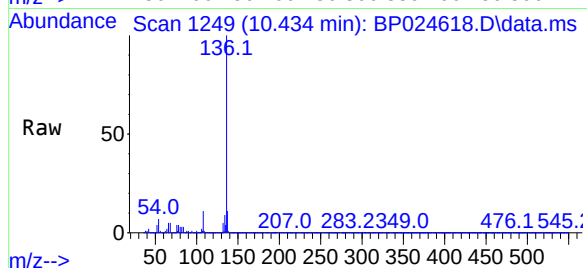
79 28.9 8.9 48.9





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

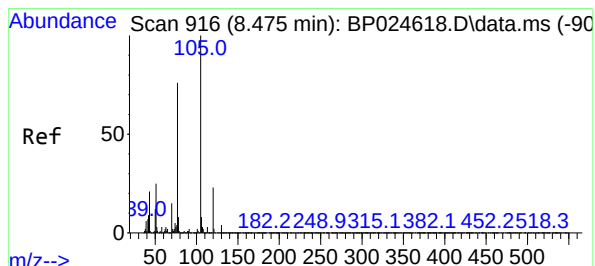
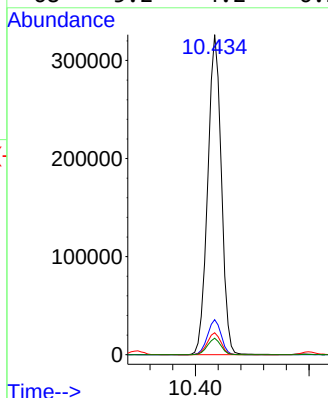
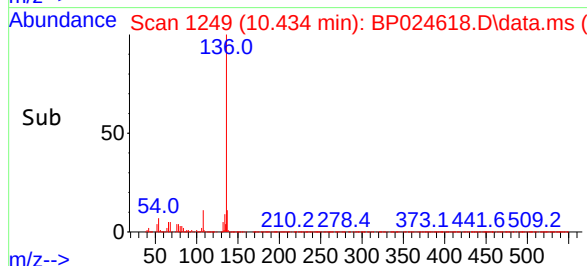
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 540452
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.9 5.5 8.3
68 5.2 4.2 6.2

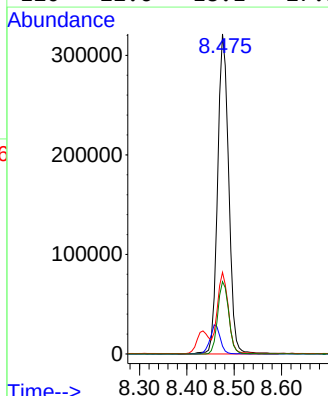
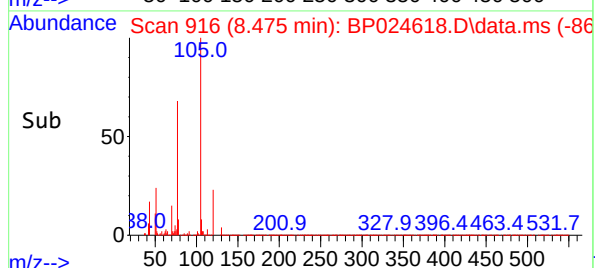
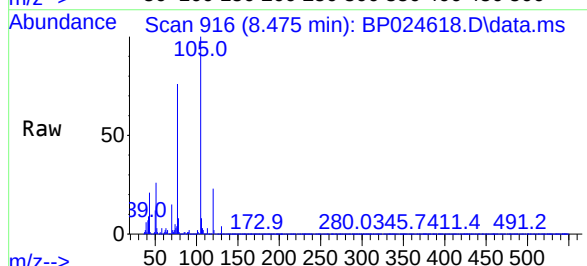
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

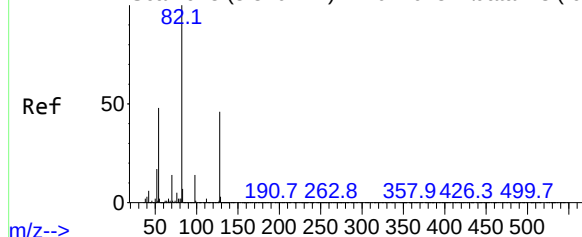


#22
Acetophenone
Concen: 38.64 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:105 Resp: 521603
Ion Ratio Lower Upper
105 100
71 2.5 2.0 3.0
51 25.5 20.4 30.6
120 22.6 18.1 27.1



Abundance Scan 973 (8.810 min): BP024618.D\data.ms (-96



#23

Nitrobenzene-d5

Concen: 77.28 ng

RT: 8.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 82656

Ion Ratio Lower Upper

82 100

128 46.2 37.0 55.4

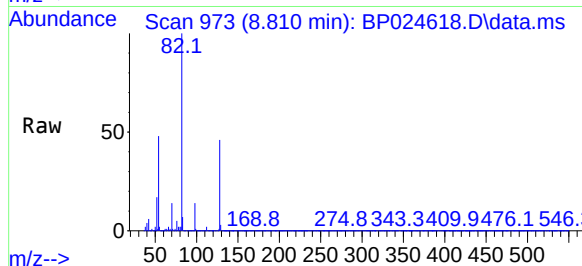
54 48.4 38.7 58.1

Manual Integrations

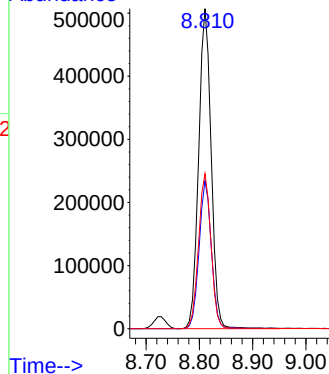
APPROVED

Reviewed By :Rahul Chavli 05/14/2025

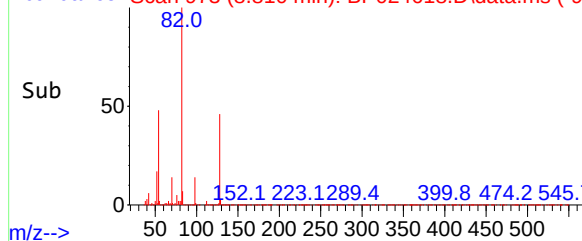
Supervised By :Jagrut Upadhyay 05/14/2025



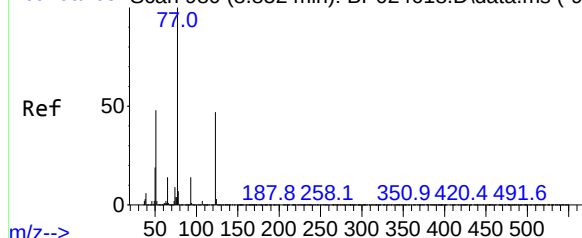
Abundance



Abundance Scan 973 (8.810 min): BP024618.D\data.ms (-92



Abundance Scan 980 (8.852 min): BP024618.D\data.ms (-96



#24

Nitrobenzene

Concen: 38.65 ng

RT: 8.852 min Scan# 980

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

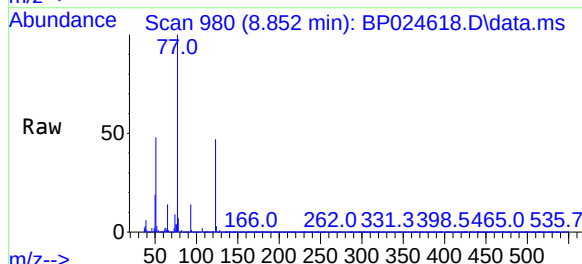
Tgt Ion: 77 Resp: 363767

Ion Ratio Lower Upper

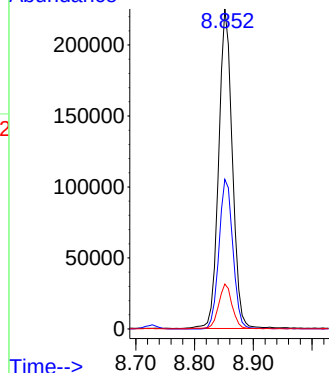
77 100

123 46.7 37.4 56.0

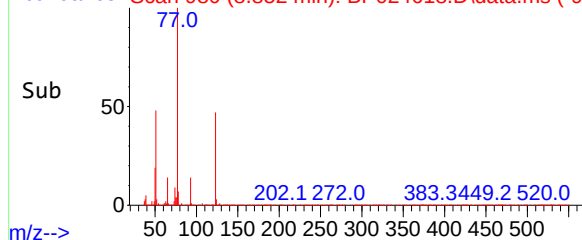
65 14.1 11.3 16.9

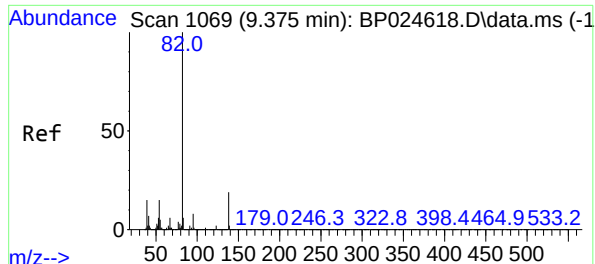


Abundance



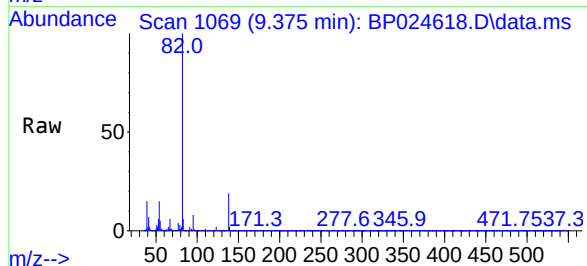
Abundance Scan 980 (8.852 min): BP024618.D\data.ms (-92





#25
Isophorone
Concen: 39.19 ng
RT: 9.375 min Scan# 1069
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

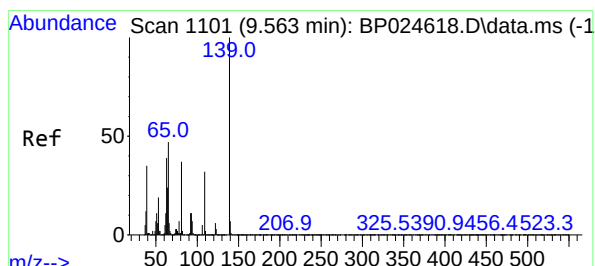
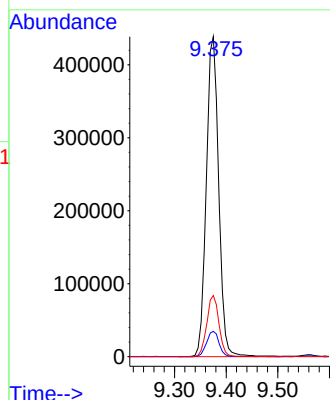
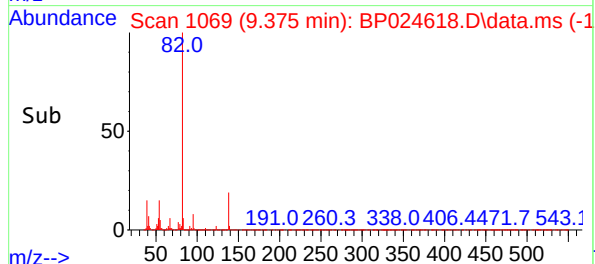
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 72708
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 19.1 15.3 22.9

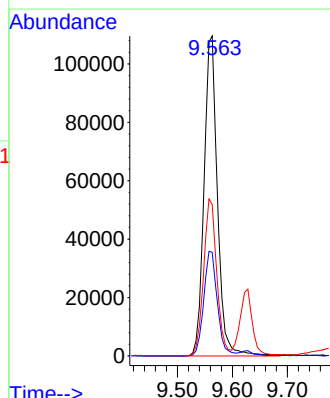
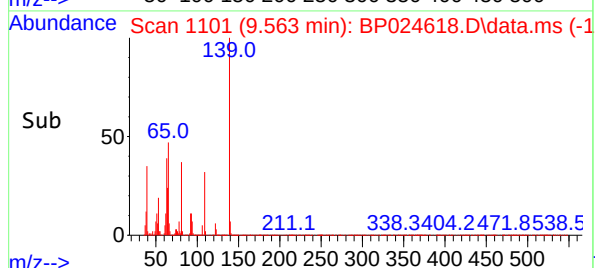
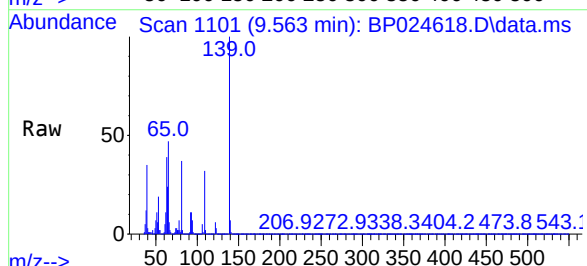
Manual Integrations
APPROVED

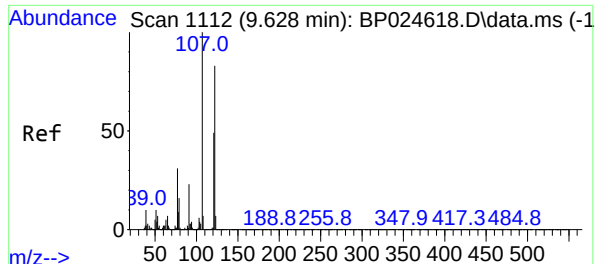
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#26
2-Nitrophenol
Concen: 40.24 ng
RT: 9.563 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:139 Resp: 185587
Ion Ratio Lower Upper
139 100
109 32.4 25.9 38.9
65 47.4 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 39.62 ng

RT: 9.628 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

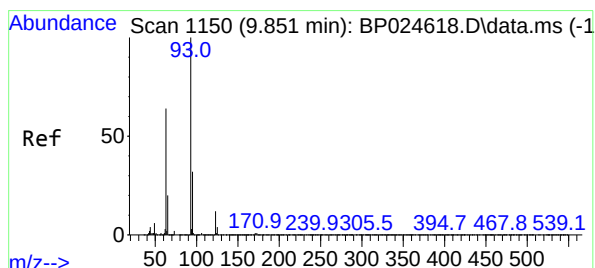
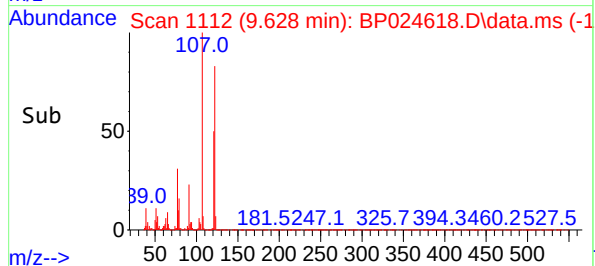
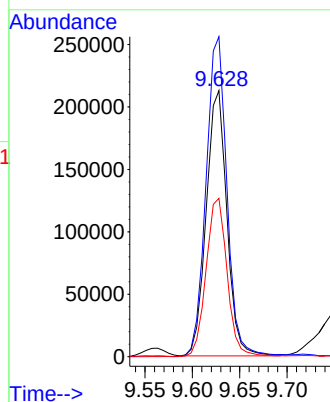
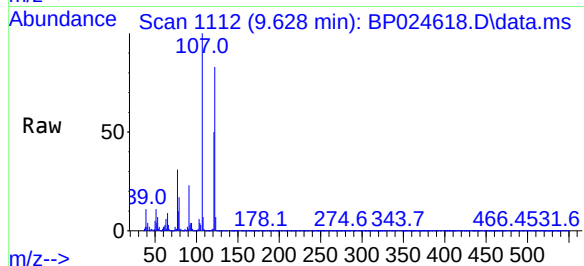
Tgt Ion:	122	Resp:	32222
Ion	Ratio	Lower	Upper
122	100		
107	120.2	96.2	144.2
121	59.5	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.88 ng

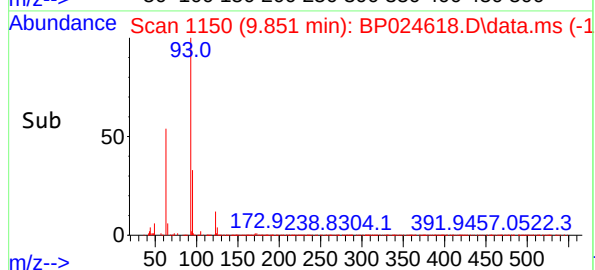
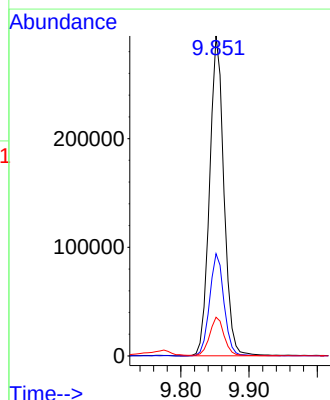
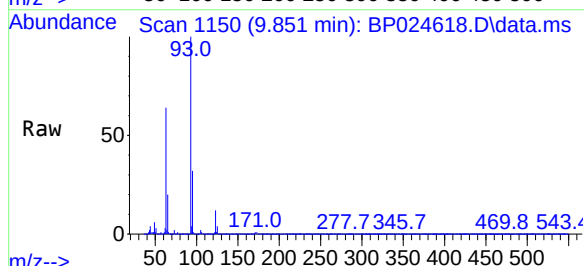
RT: 9.851 min Scan# 1150

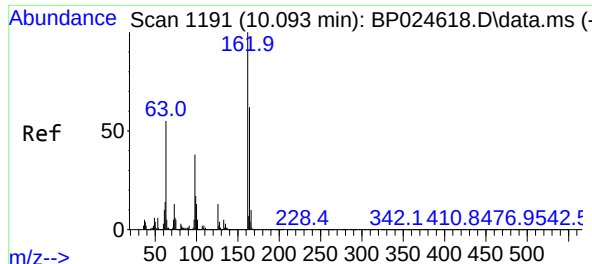
Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

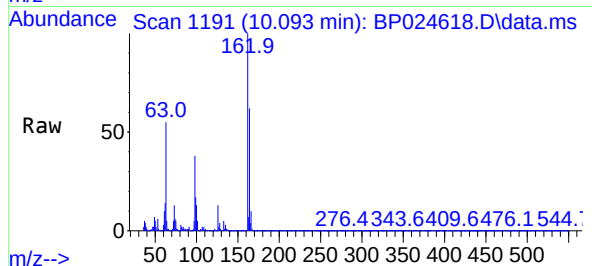
Tgt Ion:	93	Resp:	430958
Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.5	38.3
123	12.1	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 39.95 ng
RT: 10.093 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

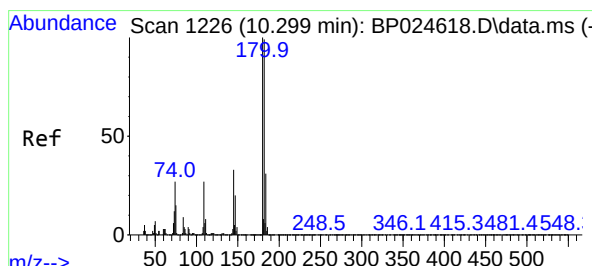
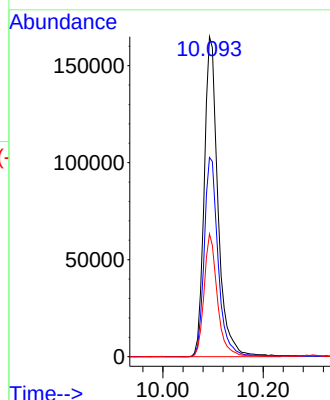
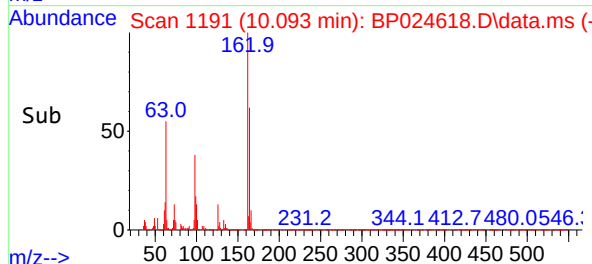
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



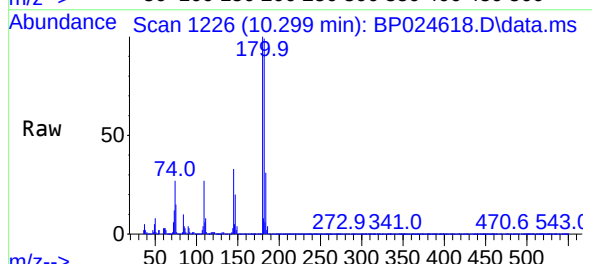
Tgt Ion:162 Resp: 314830
Ion Ratio Lower Upper
162 100
164 62.3 42.3 82.3
98 38.4 18.4 58.4

Manual Integrations
APPROVED

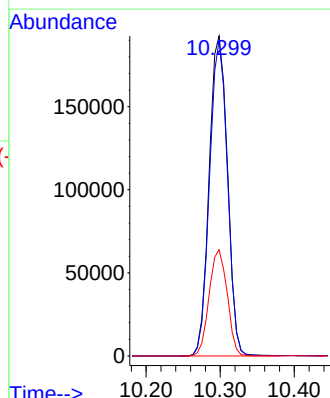
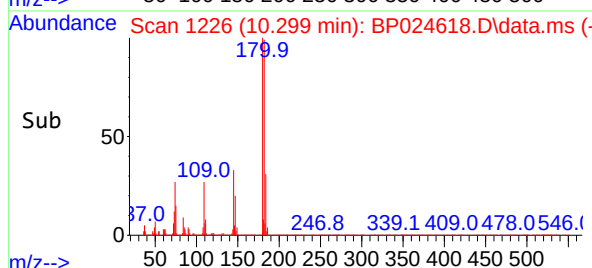
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

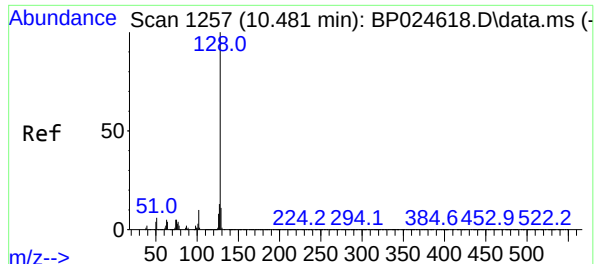


#30
1,2,4-Trichlorobenzene
Concen: 37.23 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24



Tgt Ion:180 Resp: 330659
Ion Ratio Lower Upper
180 100
182 98.7 79.0 118.4
145 33.2 26.6 39.8





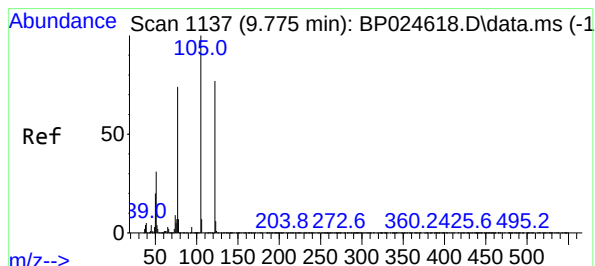
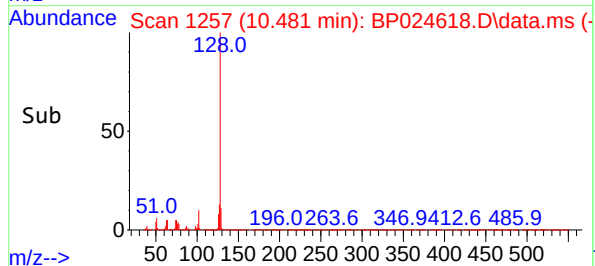
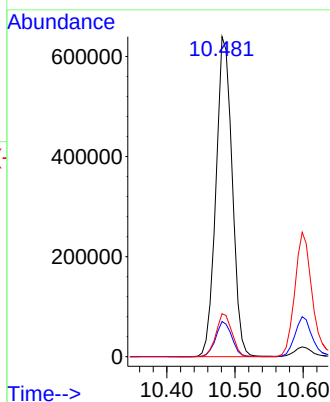
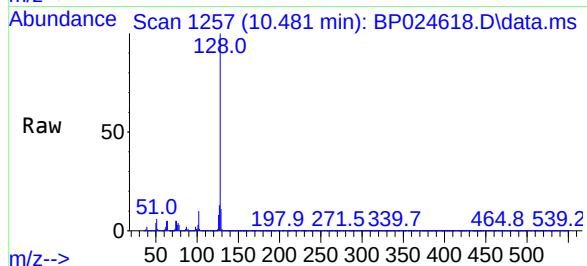
#31
Naphthalene
Concen: 37.82 ng
RT: 10.481 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 1059310
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.7 16.1

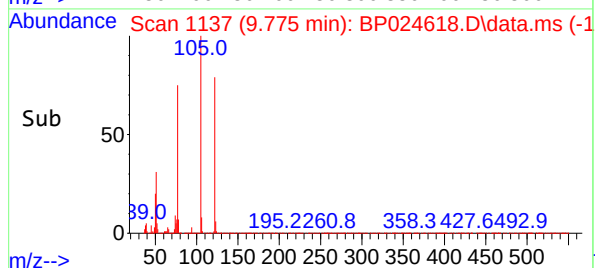
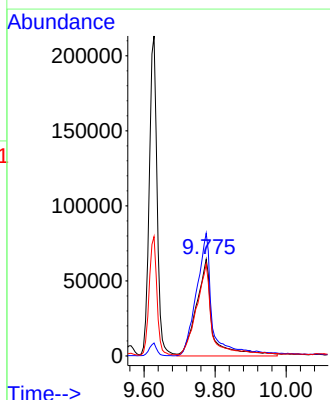
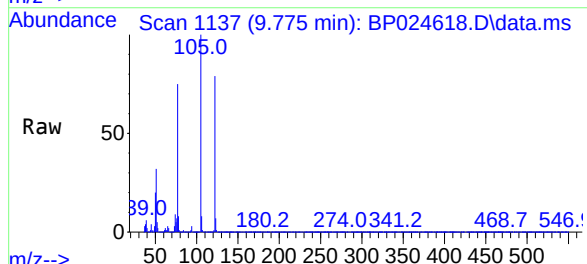
Manual Integrations
APPROVED

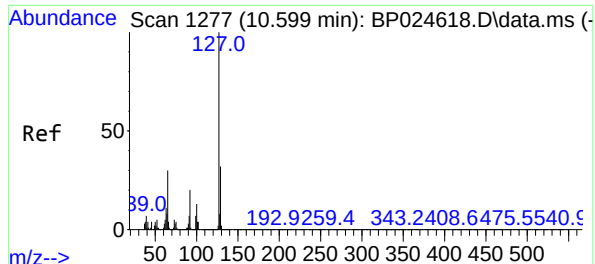
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#32
Benzoic acid
Concen: 38.01 ng m
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

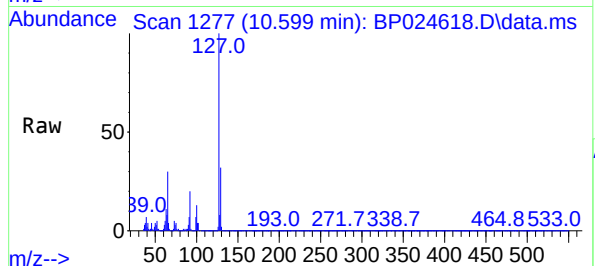
Tgt Ion:122 Resp: 206829
Ion Ratio Lower Upper
122 100
105 126.9 106.9 146.9
77 95.1 75.1 115.1





#33
4-Chloroaniline
Concen: 40.01 ng
RT: 10.599 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

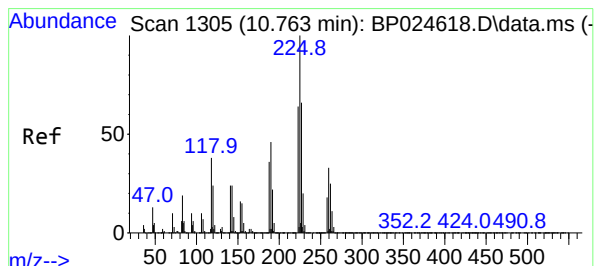
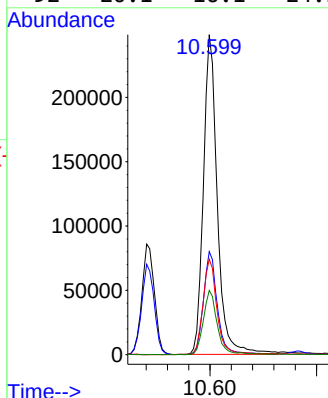
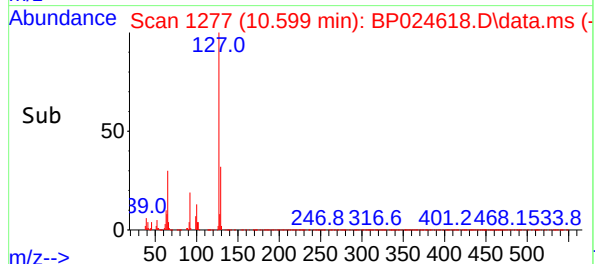
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 452150
Ion Ratio Lower Upper
127 100
129 32.2 25.8 38.6
65 29.9 23.9 35.9
92 20.1 16.1 24.1

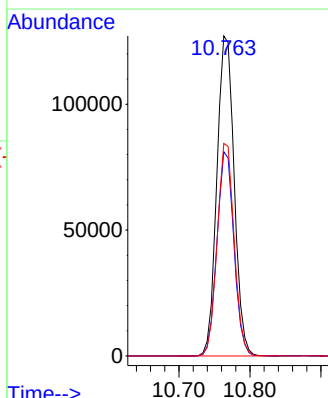
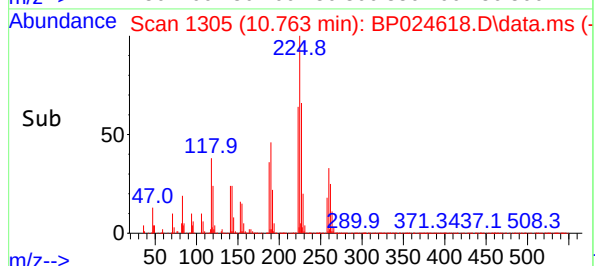
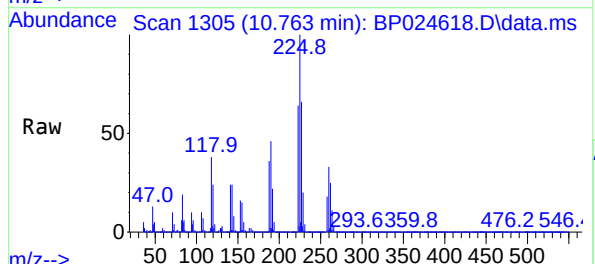
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

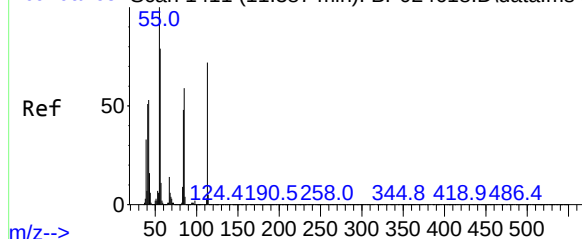


#34
Hexachlorobutadiene
Concen: 37.19 ng
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:225 Resp: 213978
Ion Ratio Lower Upper
225 100
223 63.8 51.0 76.6
227 66.4 53.1 79.7



Abundance Scan 1411 (11.387 min): BP024618.D\data.ms (-



#35

Caprolactam

Concen: 41.43 ng

RT: 11.387 min Scan# 1411

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:113 Resp: 11804

Ion Ratio Lower Upper

113 100

55 139.0 119.0 159.0

56 110.3 90.3 130.3

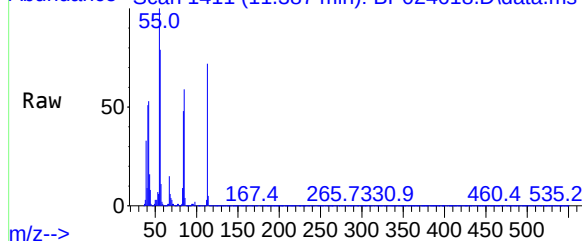
Manual Integrations

APPROVED

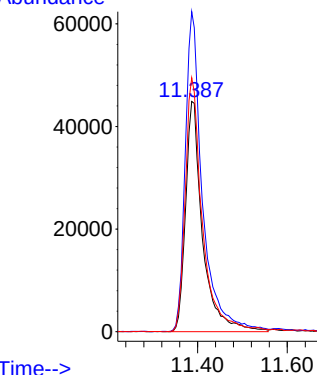
Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025

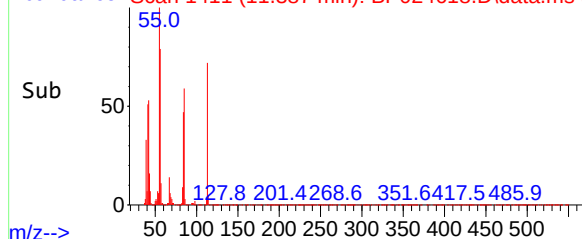
Abundance Scan 1411 (11.387 min): BP024618.D\data.ms



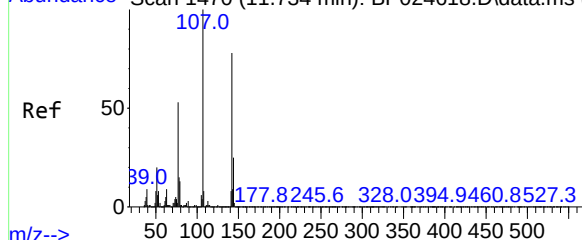
Abundance



Abundance Scan 1411 (11.387 min): BP024618.D\data.ms (-



Abundance Scan 1470 (11.734 min): BP024618.D\data.ms (-



#36

4-Chloro-3-methylphenol

Concen: 40.07 ng

RT: 11.734 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Tgt Ion:107 Resp: 385077

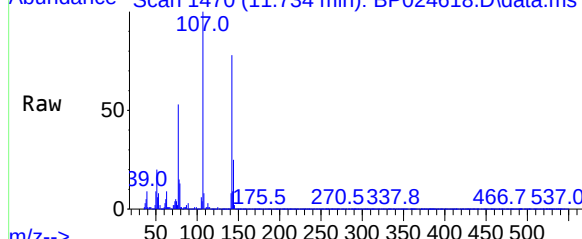
Ion Ratio Lower Upper

107 100

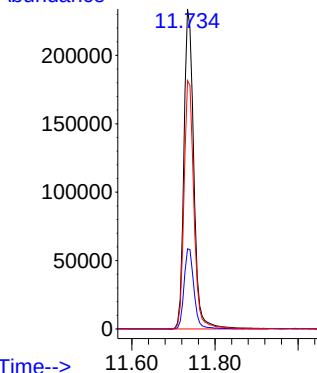
144 25.1 20.1 30.1

142 77.6 62.1 93.1

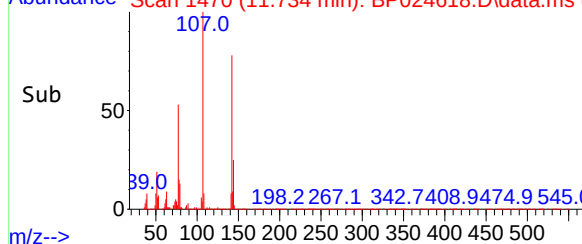
Abundance Scan 1470 (11.734 min): BP024618.D\data.ms

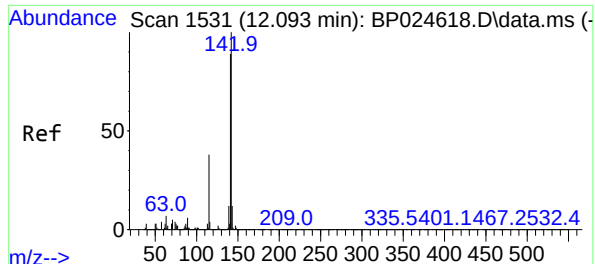


Abundance



Abundance Scan 1470 (11.734 min): BP024618.D\data.ms (-





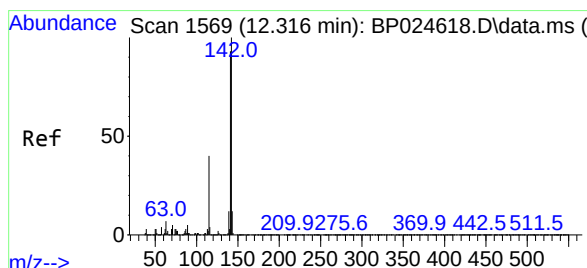
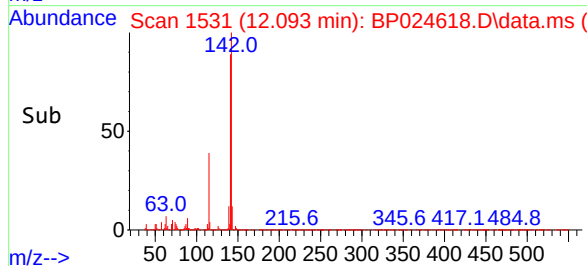
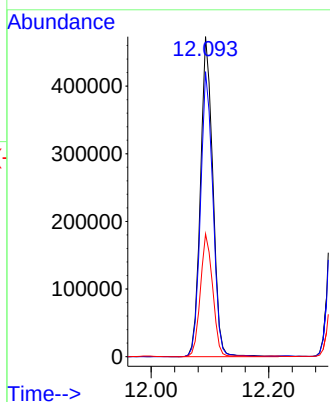
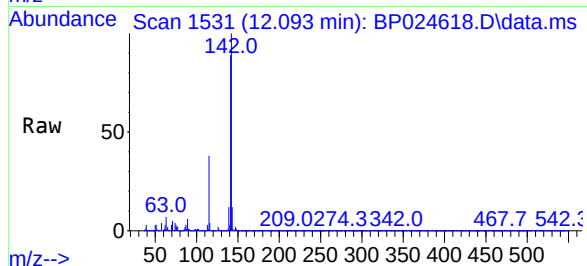
#37
2-Methylnaphthalene
Concen: 38.17 ng
RT: 12.093 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 69213
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8
115 38.3 30.6 46.0

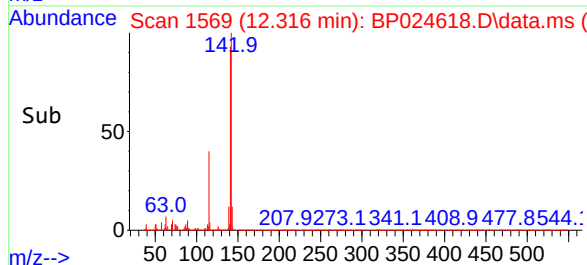
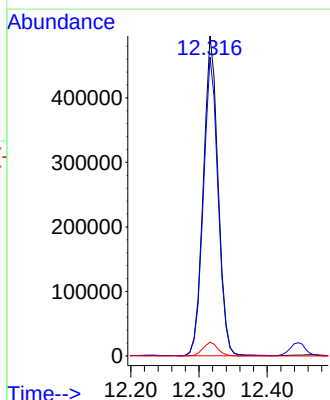
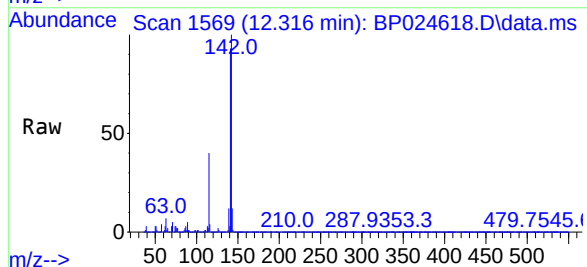
Manual Integrations
APPROVED

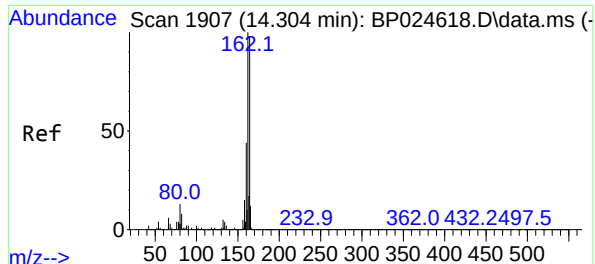
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#38
1-Methylnaphthalene
Concen: 38.44 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

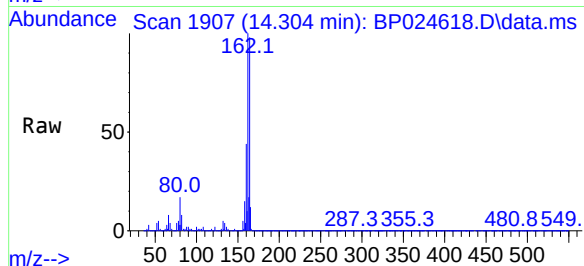
Tgt Ion:142 Resp: 745849
Ion Ratio Lower Upper
142 100
141 93.4 74.7 112.1
116 4.3 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

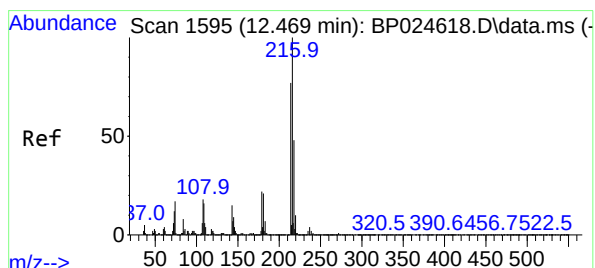
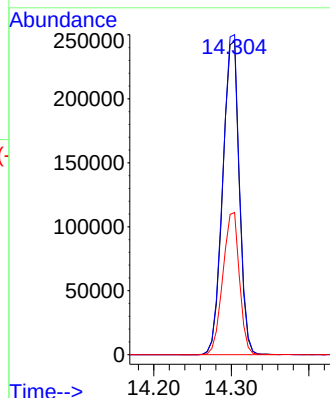
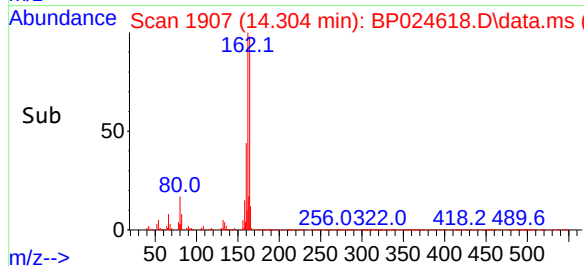
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:164 Resp: 362458
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 45.4 36.3 54.5

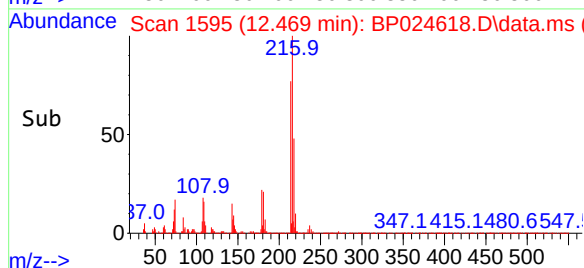
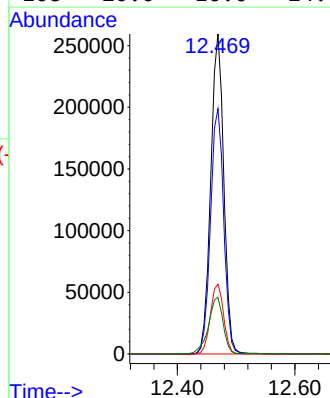
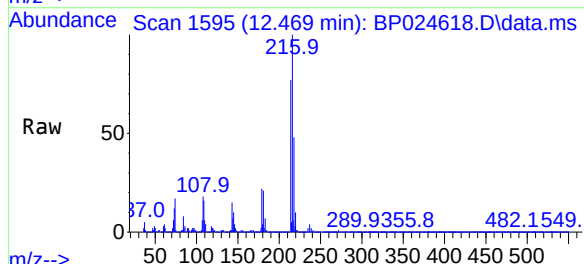
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

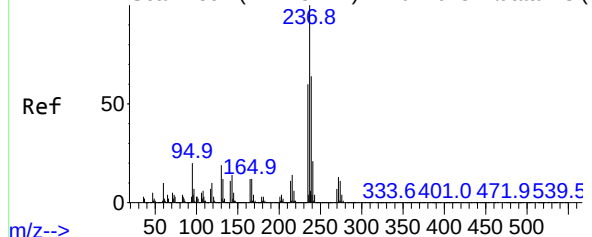


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.84 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:216 Resp: 398230
Ion Ratio Lower Upper
216 100
214 77.9 62.3 93.5
179 22.1 17.7 26.5
108 20.0 16.0 24.0

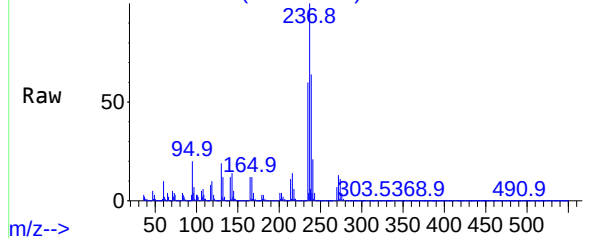


Abundance Scan 1591 (12.445 min): BP024618.D\data.ms (-



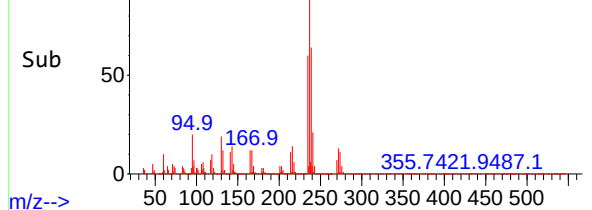
m/z-->

Abundance Scan 1591 (12.445 min): BP024618.D\data.ms



m/z-->

Abundance Scan 1591 (12.445 min): BP024618.D\data.ms (-



m/z-->

#41

Hexachlorocyclopentadiene

Concen: 40.48 ng

RT: 12.445 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:237 Resp: 258329

Ion Ratio Lower Upper

237 100

235 59.9 39.9 79.9

272 13.2 0.0 33.2

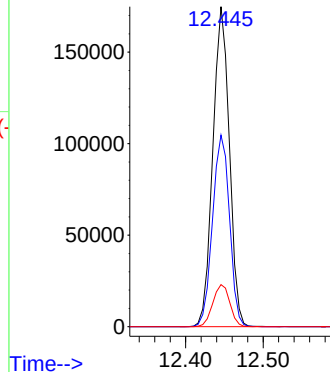
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

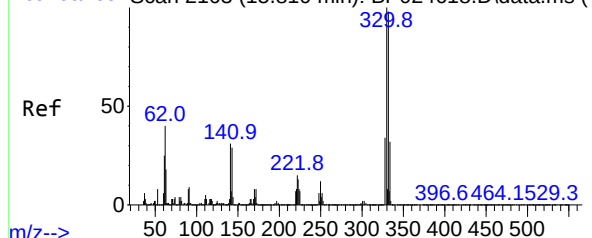
Supervised By :Jagrut Upadhyay 05/14/2025

Abundance



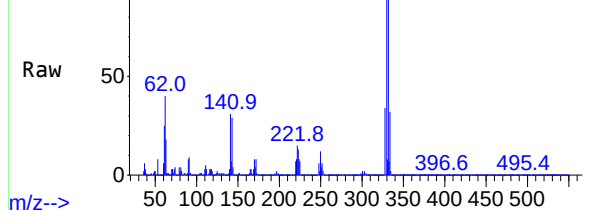
Time-->

Abundance Scan 2163 (15.810 min): BP024618.D\data.ms (-



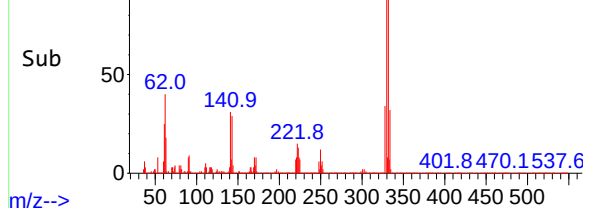
m/z-->

Abundance Scan 2163 (15.810 min): BP024618.D\data.ms



m/z-->

Abundance Scan 2163 (15.810 min): BP024618.D\data.ms (-



m/z-->

#42

2,4,6-Tribromophenol

Concen: 76.13 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Tgt Ion:330 Resp: 467808

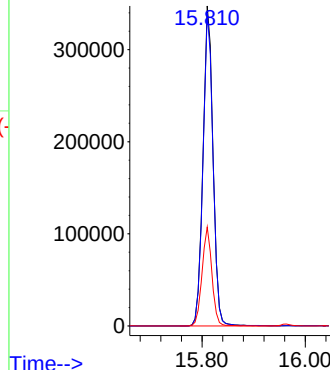
Ion Ratio Lower Upper

330 100

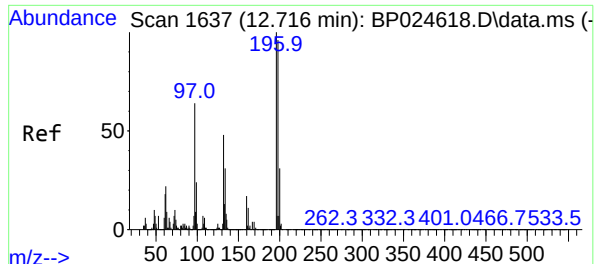
332 97.8 78.2 117.4

141 30.4 24.3 36.5

Abundance

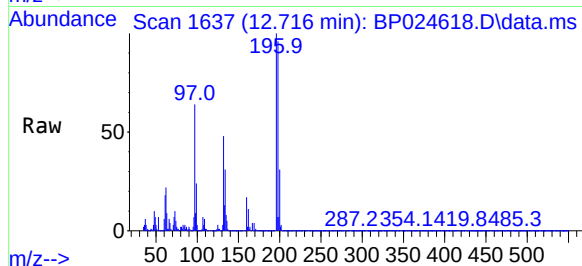


Time-->



#43
2,4,6-Trichlorophenol
Concen: 39.41 ng
RT: 12.716 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

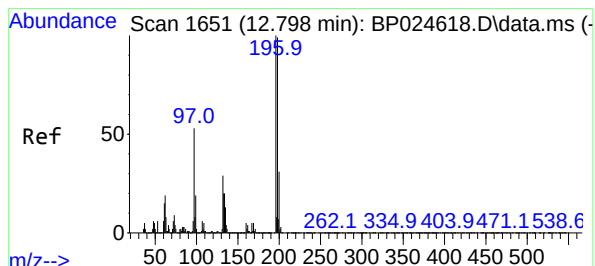
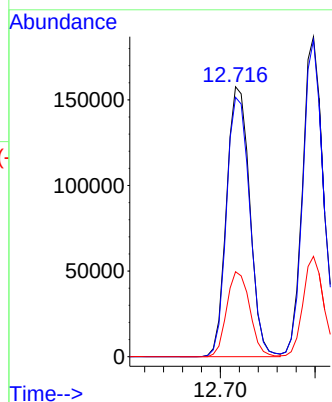
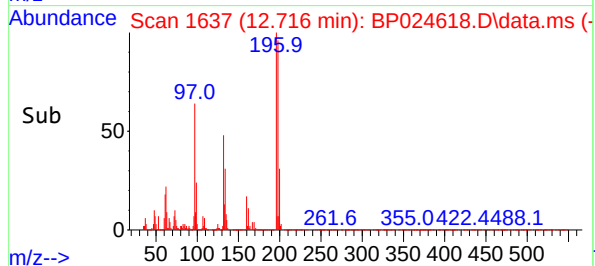
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



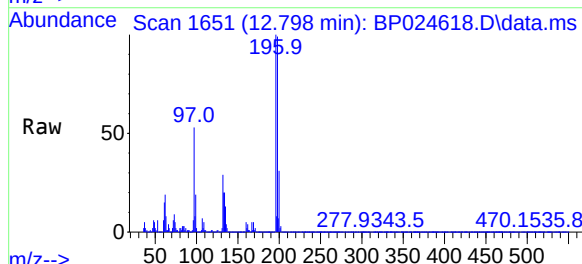
Tgt Ion:196 Resp: 268679
Ion Ratio Lower Upper
196 100
198 96.1 76.9 115.3
200 31.5 25.2 37.8

Manual Integrations
APPROVED

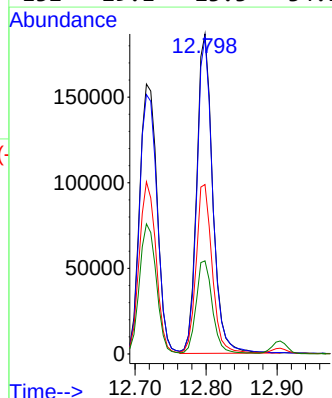
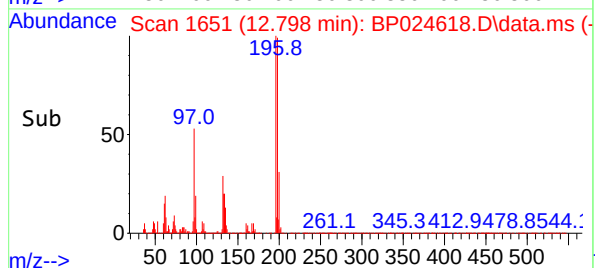
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

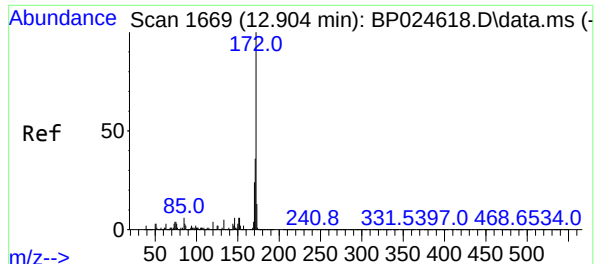


#44
2,4,5-Trichlorophenol
Concen: 38.62 ng
RT: 12.798 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24



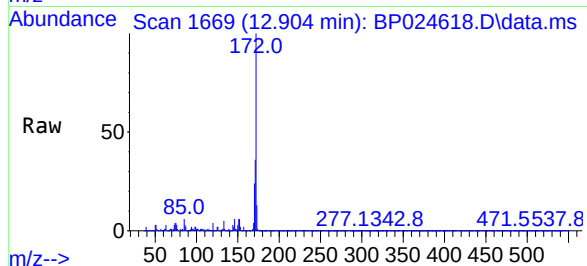
Tgt Ion:196 Resp: 293079
Ion Ratio Lower Upper
196 100
198 99.0 79.2 118.8
97 52.9 42.3 63.5
132 29.1 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 75.05 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

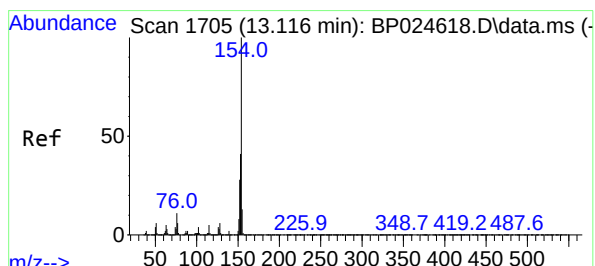
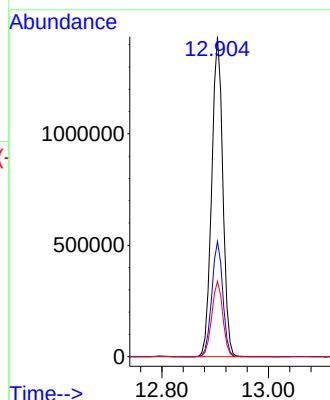
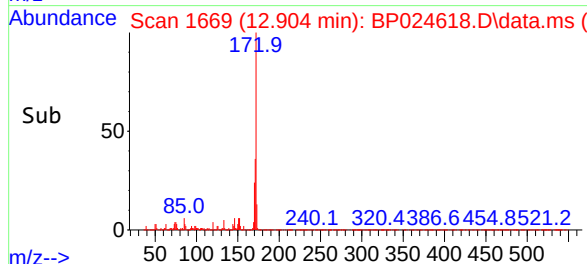
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:172 Resp: 2076354
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.5 18.8 28.2

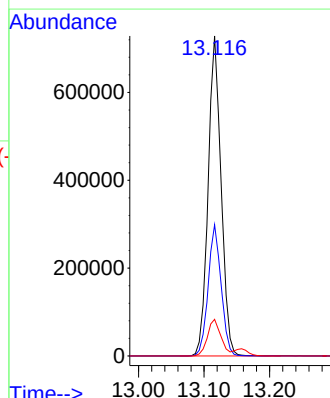
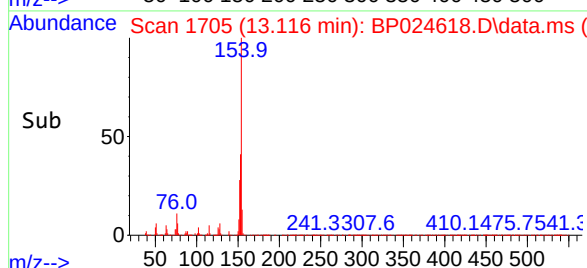
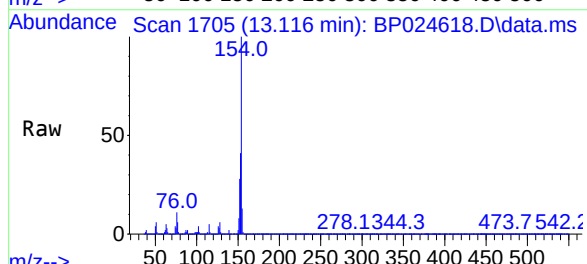
Manual Integrations
APPROVED

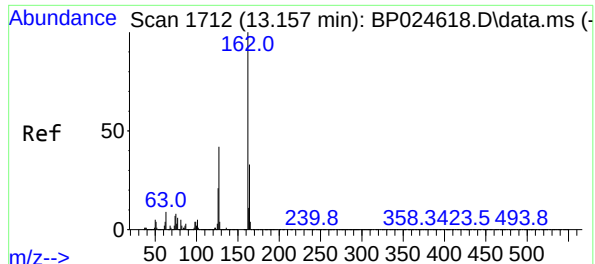
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#46
1,1'-Biphenyl
Concen: 37.42 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:154 Resp: 1002344
Ion Ratio Lower Upper
154 100
153 41.0 21.0 61.0
76 11.5 0.0 31.5





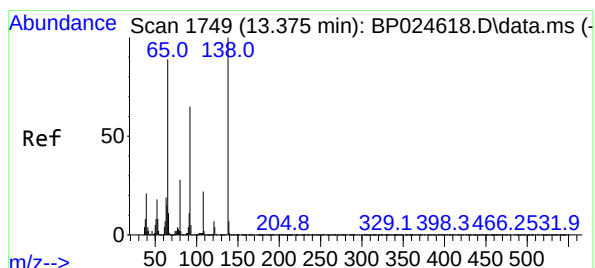
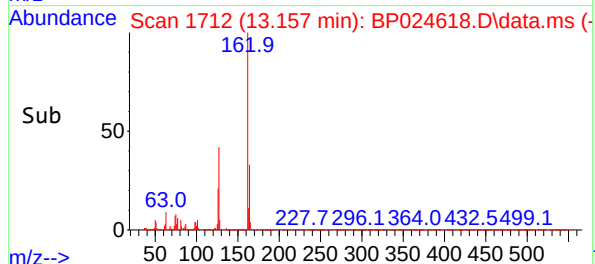
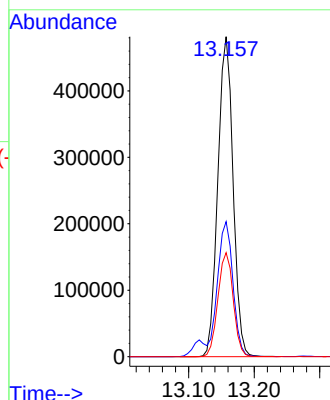
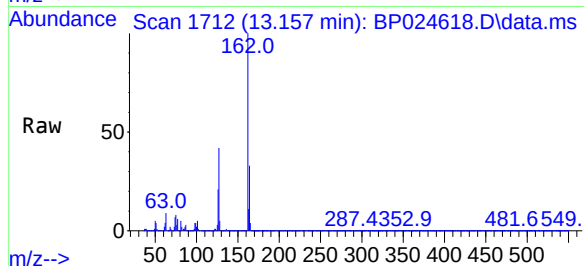
#47
2-Chloronaphthalene
Concen: 37.79 ng
RT: 13.157 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 771952
Ion Ratio Lower Upper
162 100
127 42.2 33.8 50.6
164 32.5 26.0 39.0

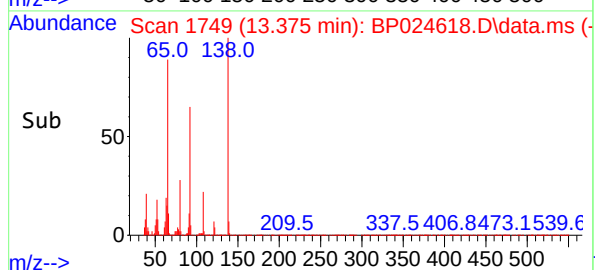
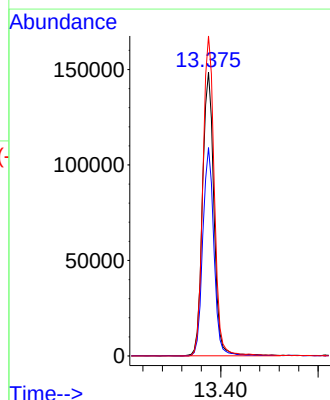
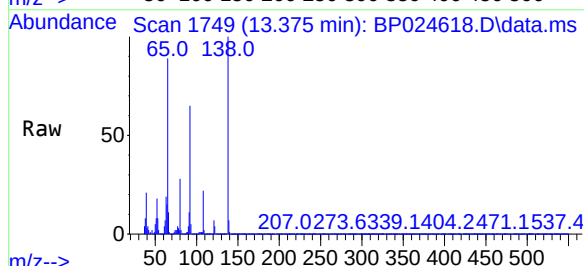
Manual Integrations
APPROVED

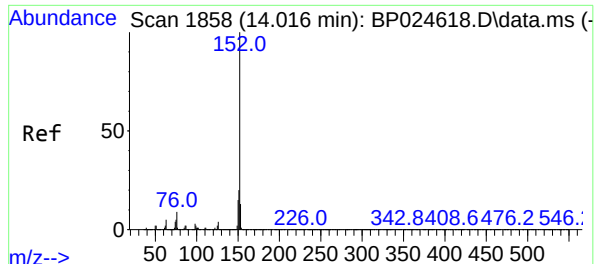
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#48
2-Nitroaniline
Concen: 40.10 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 65 Resp: 242485
Ion Ratio Lower Upper
65 100
92 73.4 58.7 88.1
138 112.7 90.2 135.2





#49

Acenaphthylene

Concen: 38.26 ng

RT: 14.016 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 1307740

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

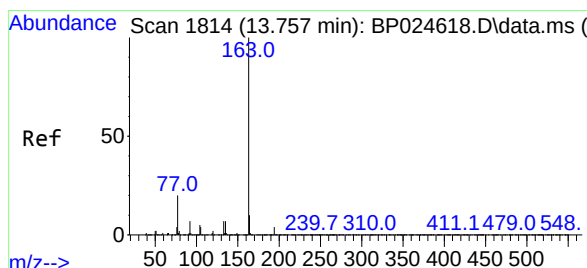
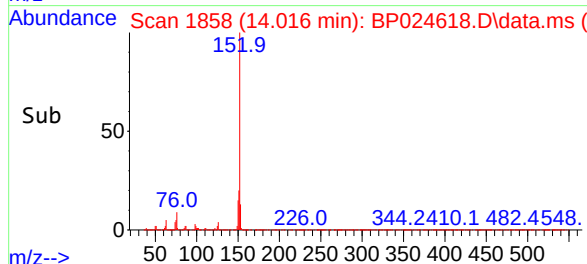
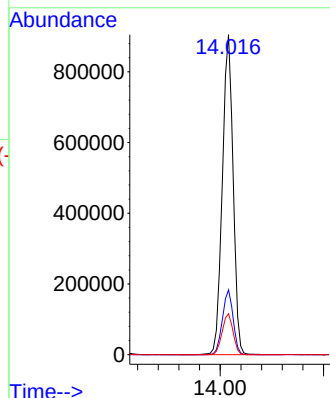
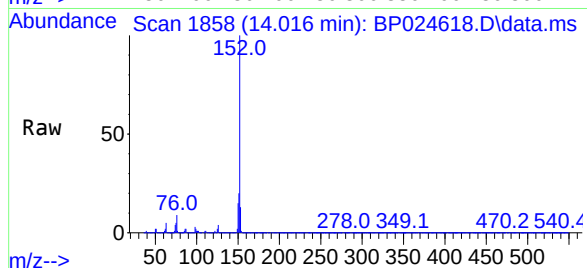
153 12.8 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#50

Dimethylphthalate

Concen: 38.04 ng

RT: 13.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

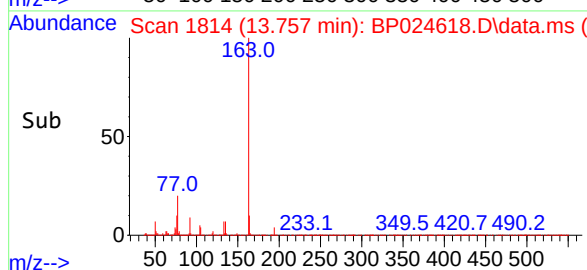
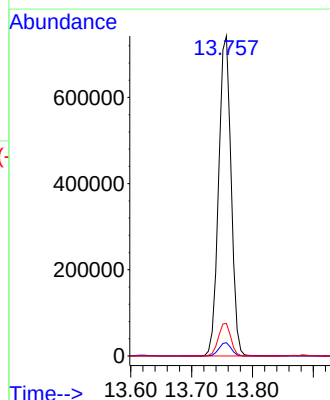
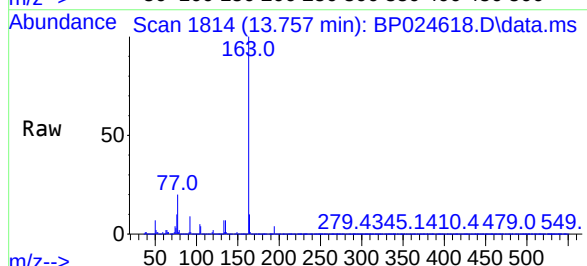
Tgt Ion:163 Resp: 1051056

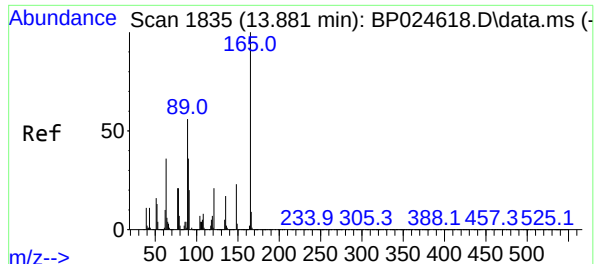
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.1 8.1 12.1





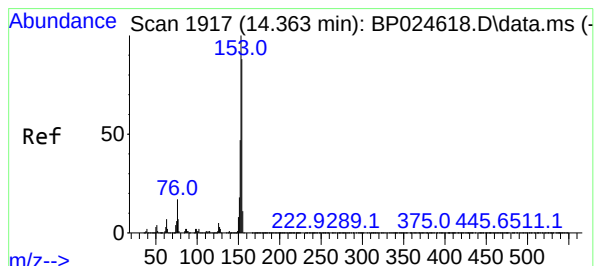
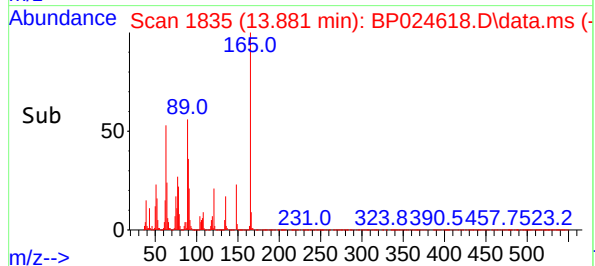
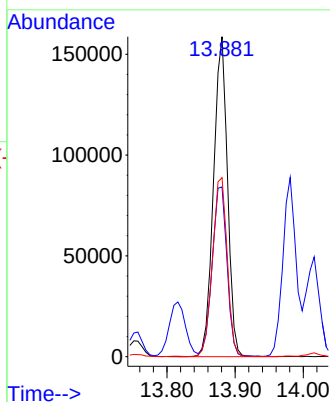
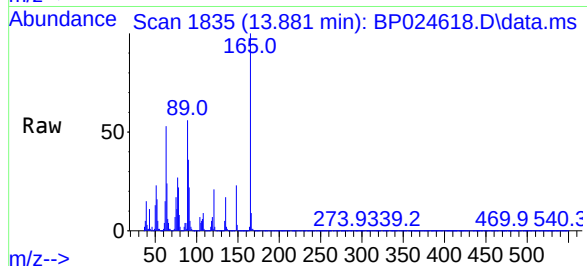
#51
2,6-Dinitrotoluene
Concen: 38.75 ng
RT: 13.881 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 226080
Ion Ratio Lower Upper
165 100
63 53.0 42.4 63.6
89 56.0 44.8 67.2

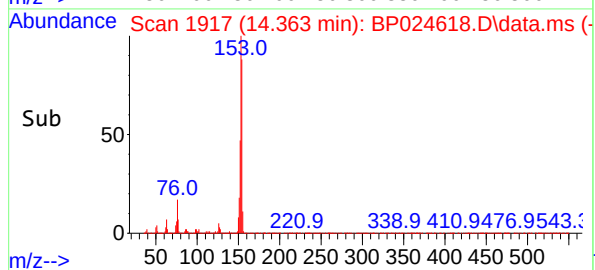
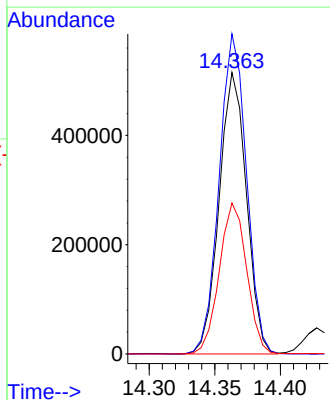
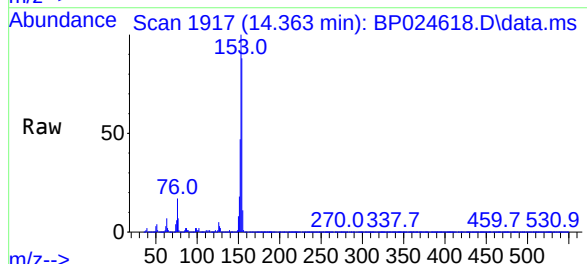
Manual Integrations
APPROVED

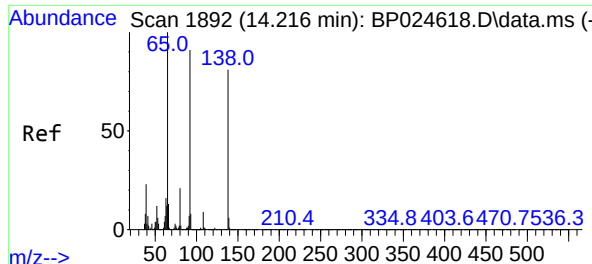
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#52
Acenaphthene
Concen: 37.93 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

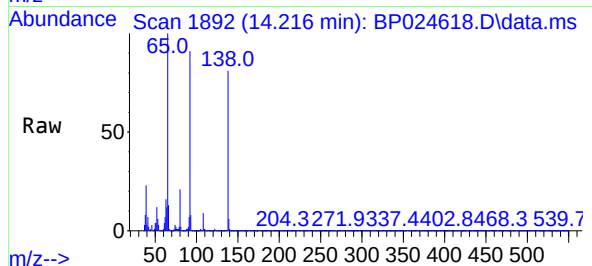
Tgt Ion:154 Resp: 745335
Ion Ratio Lower Upper
154 100
153 113.7 91.0 136.4
152 53.6 42.9 64.3





#53
3-Nitroaniline
Concen: 41.39 ng
RT: 14.216 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

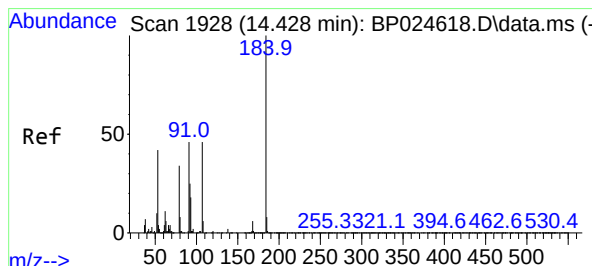
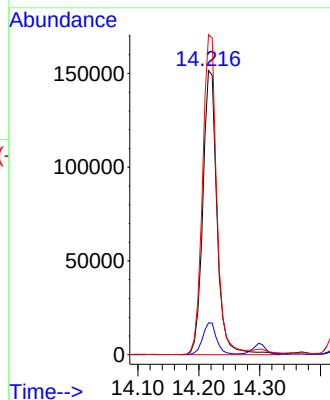
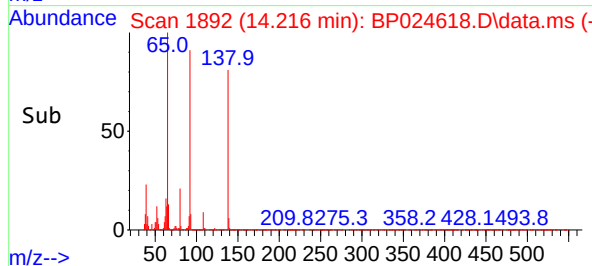
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 24656
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 112.6 90.1 135.1

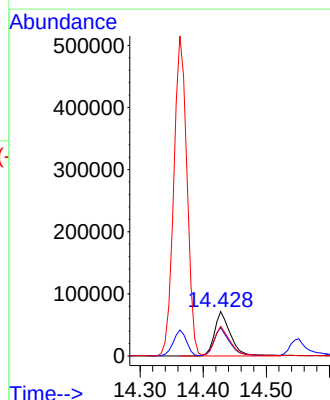
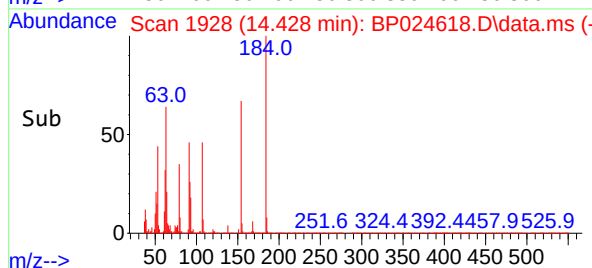
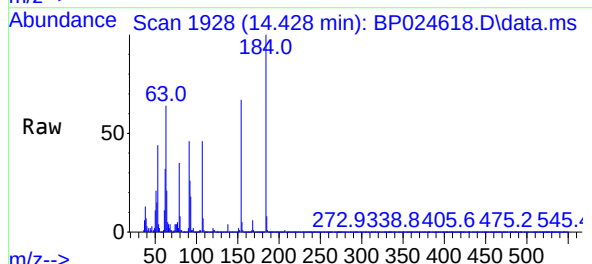
Manual Integrations
APPROVED

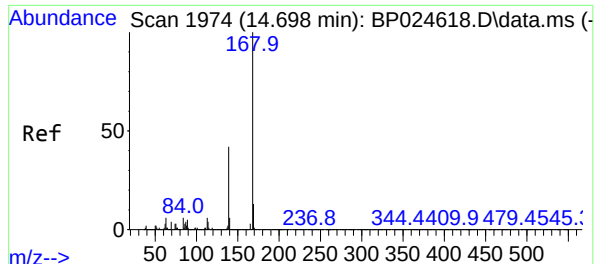
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#54
2,4-Dinitrophenol
Concen: 37.54 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

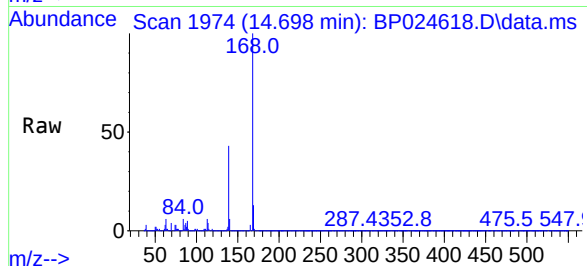
Tgt Ion:184 Resp: 124517
Ion Ratio Lower Upper
184 100
63 64.1 51.3 76.9
154 66.9 53.5 80.3





#55
Dibenzofuran
Concen: 37.77 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

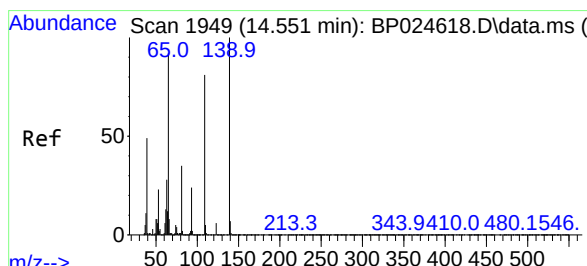
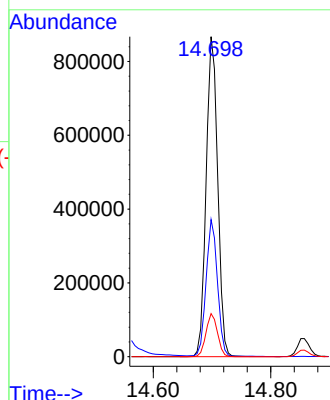
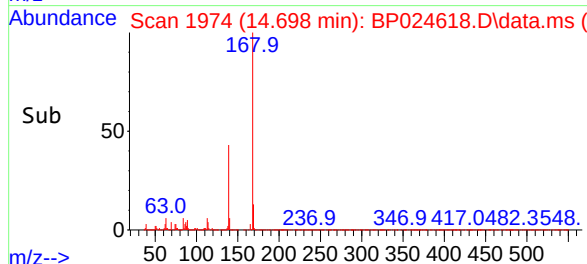
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 1183800
Ion Ratio Lower Upper
168 100
139 42.8 34.2 51.4
169 13.5 10.8 16.2

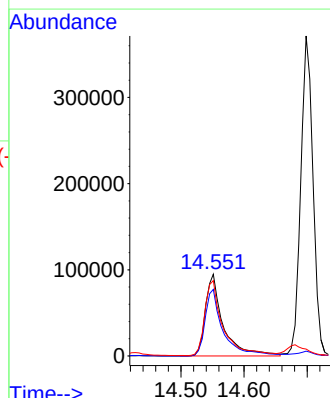
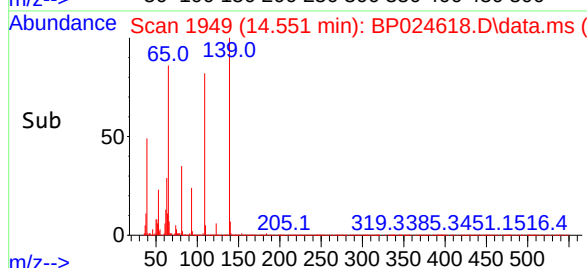
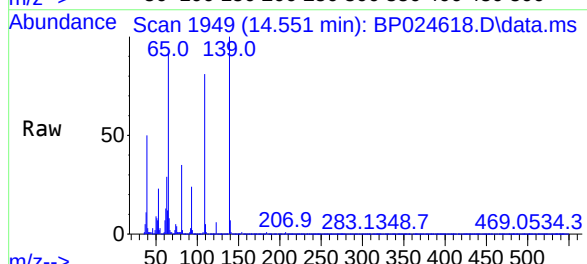
Manual Integrations
APPROVED

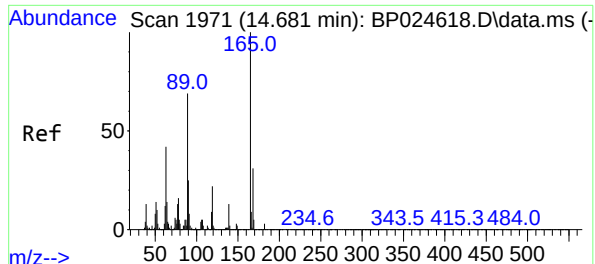
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#56
4-Nitrophenol
Concen: 38.41 ng
RT: 14.551 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

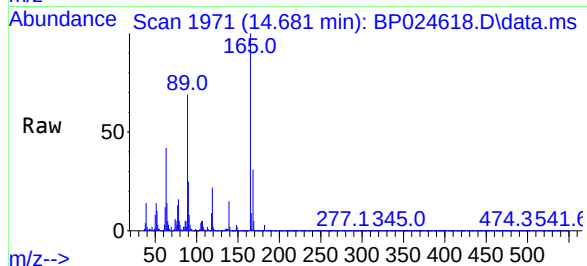
Tgt Ion:139 Resp: 186112
Ion Ratio Lower Upper
139 100
109 81.4 61.4 101.4
65 92.2 72.2 112.2





#57
2,4-Dinitrotoluene
Concen: 40.02 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

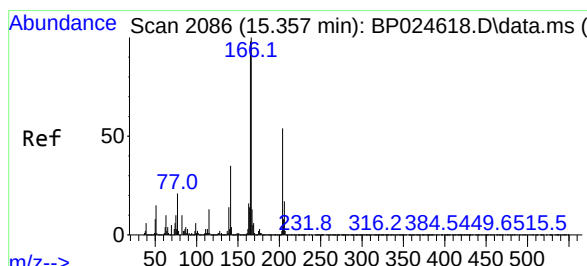
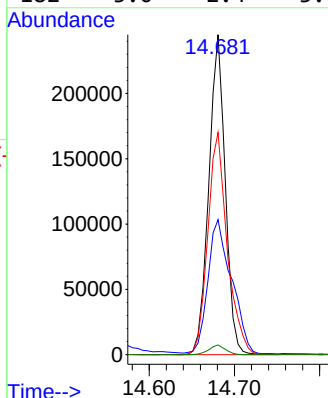
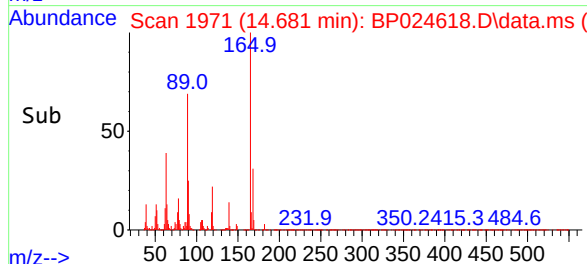
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



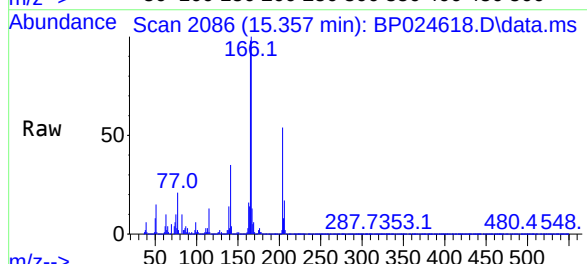
Tgt Ion:165 Resp: 329150
Ion Ratio Lower Upper
165 100
63 42.2 33.8 50.6
89 69.5 55.6 83.4
182 3.0 2.4 3.6

Manual Integrations
APPROVED

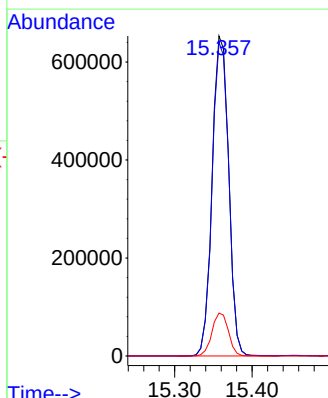
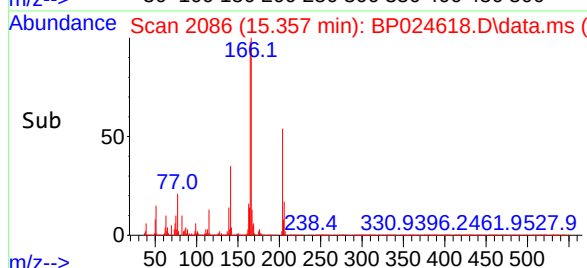
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

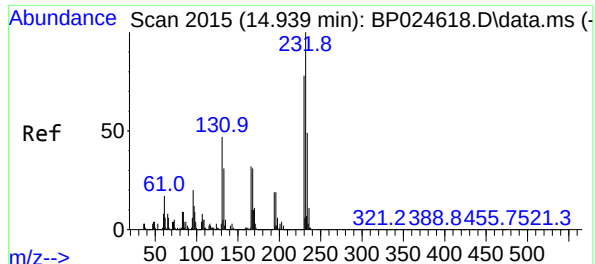


#58
Fluorene
Concen: 37.89 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24



Tgt Ion:166 Resp: 968487
Ion Ratio Lower Upper
166 100
165 98.1 78.5 117.7
167 13.4 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.98 ng

RT: 14.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 274384

Ion Ratio Lower Upper

232 100

131 49.4 39.5 59.3

130 2.8 2.2 3.4

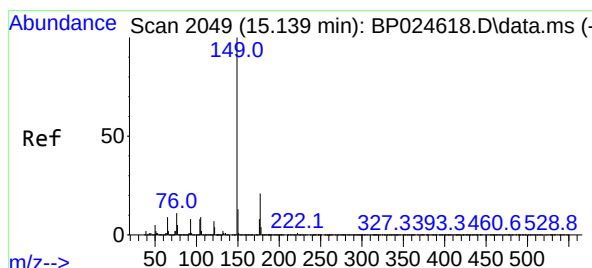
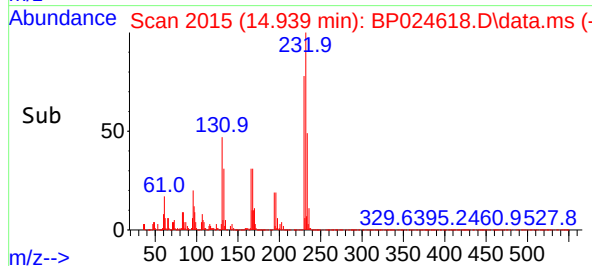
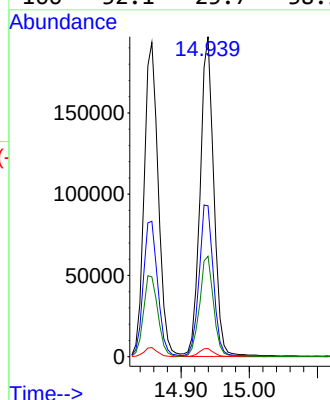
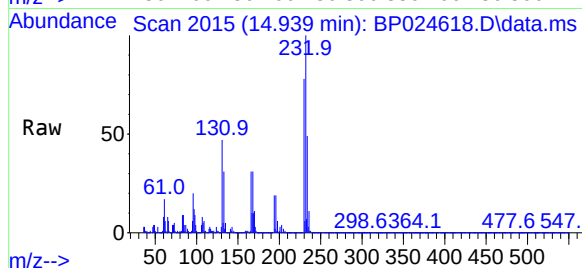
166 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#60

Diethylphthalate

Concen: 37.48 ng

RT: 15.139 min Scan# 2049

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

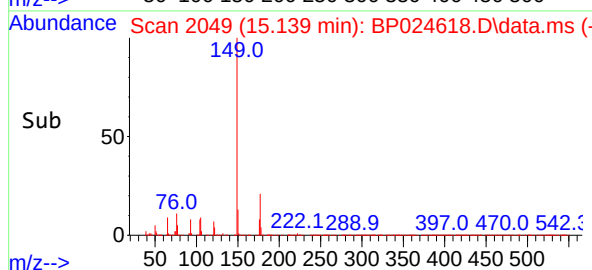
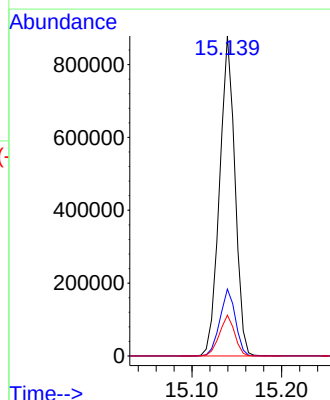
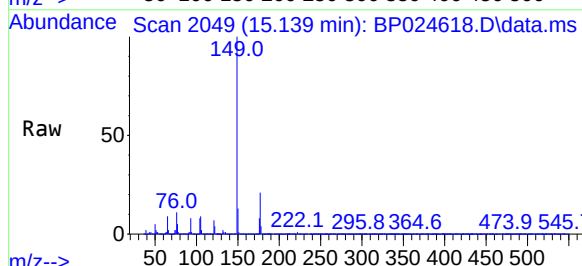
Tgt Ion:149 Resp: 1046478

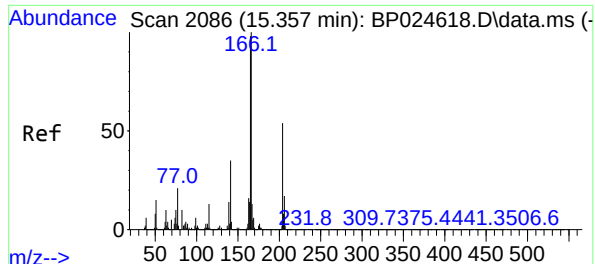
Ion Ratio Lower Upper

149 100

177 20.9 16.7 25.1

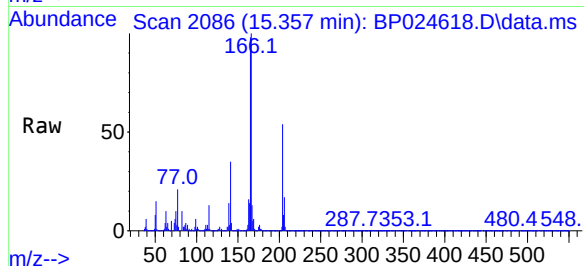
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 37.29 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

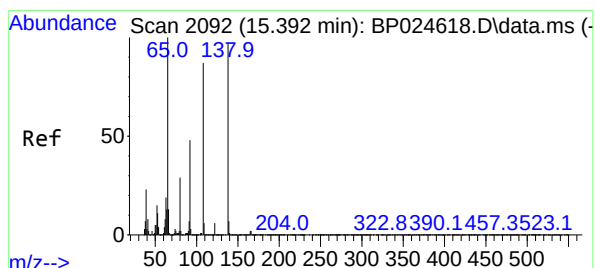
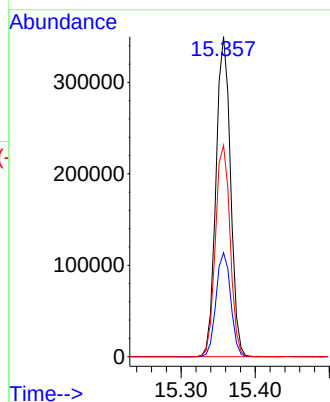
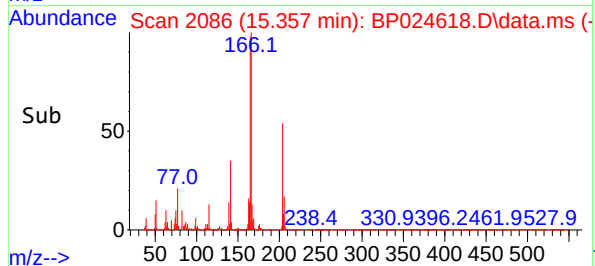
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



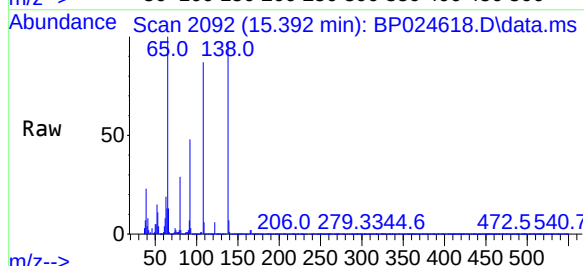
Tgt Ion:204 Resp: 47532
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 66.1 52.9 79.3

Manual Integrations
APPROVED

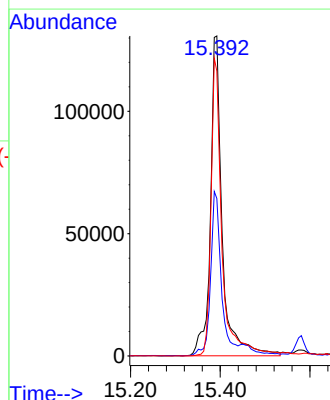
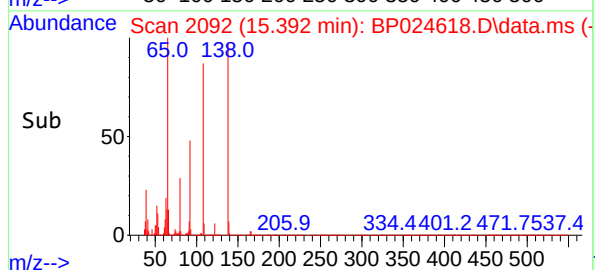
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

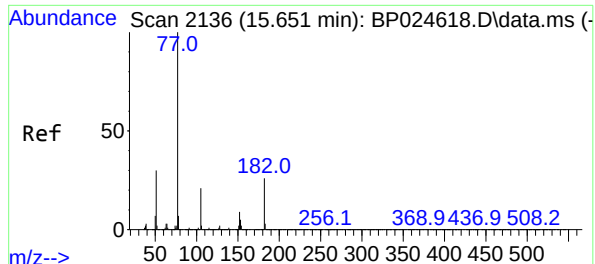


#62
4-Nitroaniline
Concen: 41.24 ng
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24



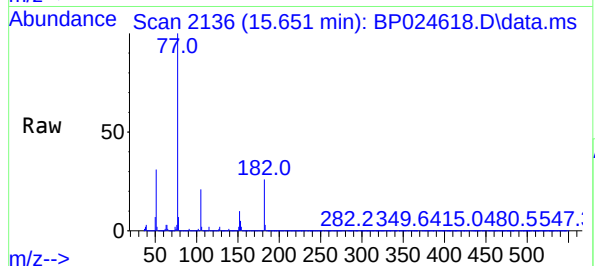
Tgt Ion:138 Resp: 239212
Ion Ratio Lower Upper
138 100
92 49.2 29.2 69.2
108 89.0 69.0 109.0





#63
Azobenzene
Concen: 37.94 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

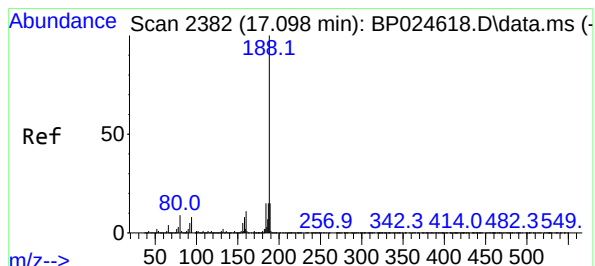
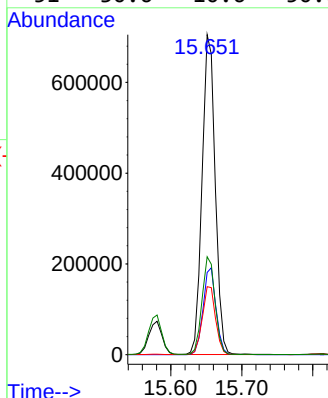
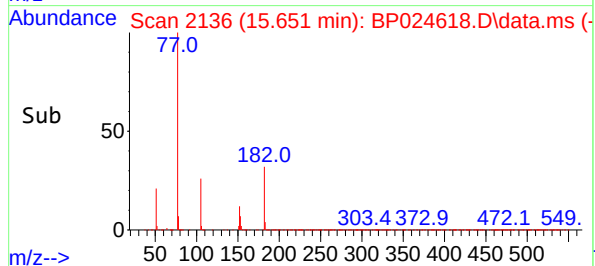
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 906274
Ion Ratio Lower Upper
77 100
182 25.7 5.7 45.7
105 21.3 1.3 41.3
51 30.6 10.6 50.6

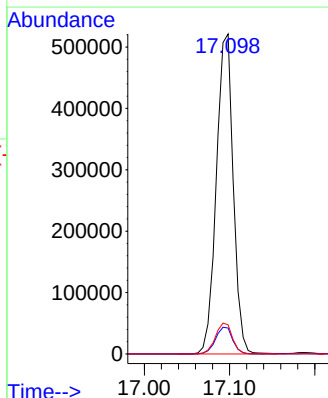
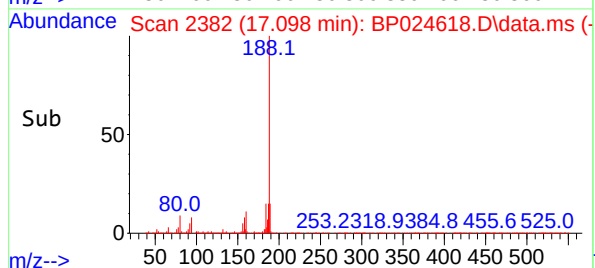
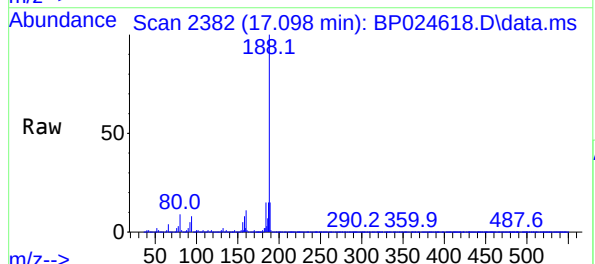
Manual Integrations
APPROVED

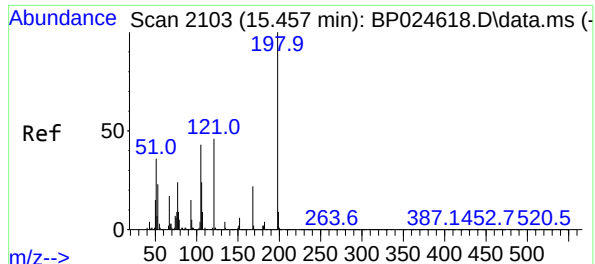
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

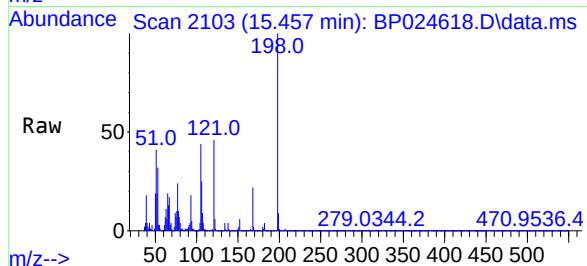
Tgt Ion:188 Resp: 717362
Ion Ratio Lower Upper
188 100
94 8.1 6.5 9.7
80 9.1 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 39.84 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

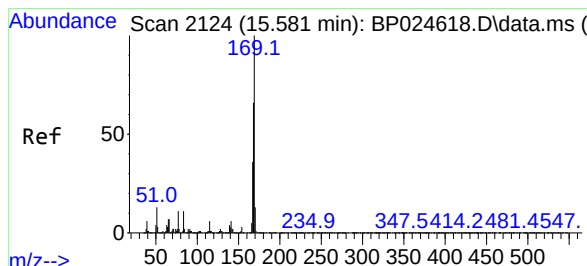
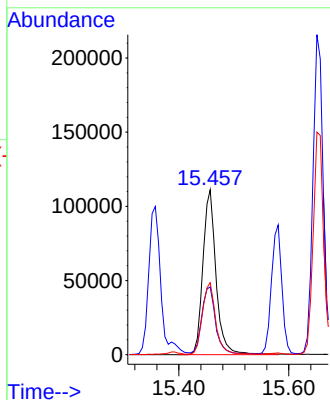
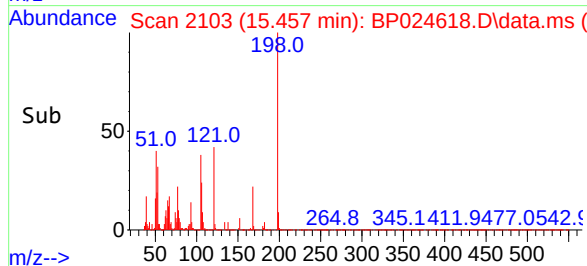
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:198 Resp: 18459
Ion Ratio Lower Upper
198 100
51 41.1 21.1 61.1
105 43.6 23.6 63.6

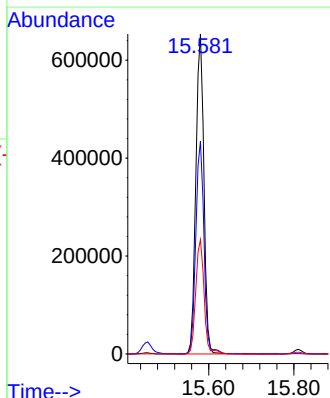
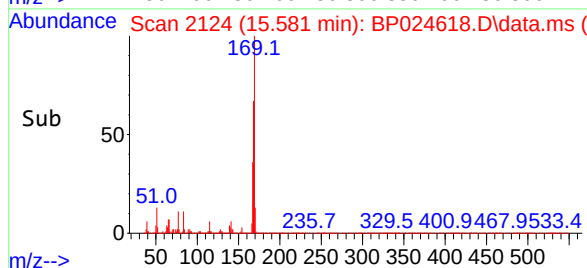
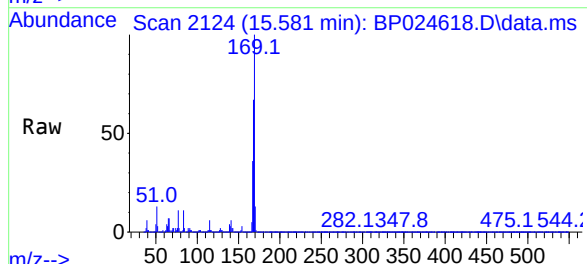
Manual Integrations
APPROVED

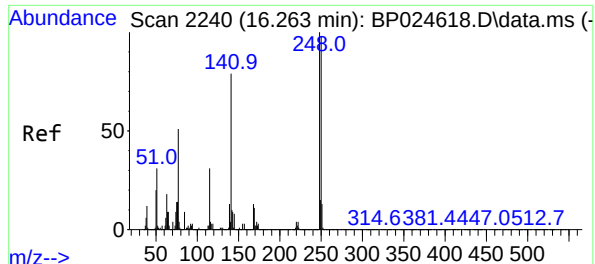
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#66
n-Nitrosodiphenylamine
Concen: 38.63 ng
RT: 15.581 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:169 Resp: 851188
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 35.8 28.6 43.0





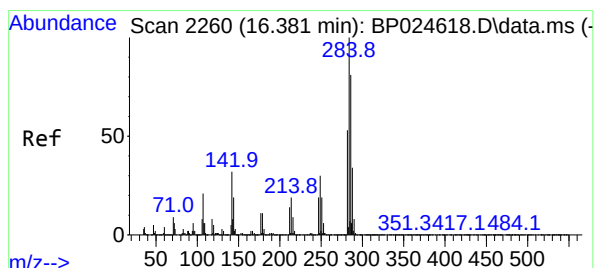
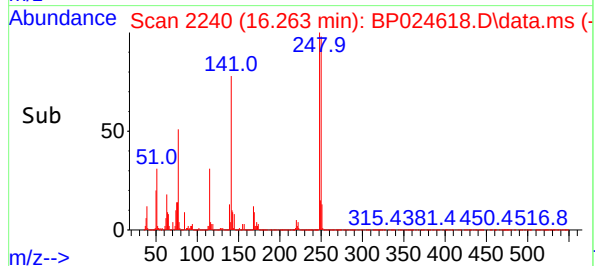
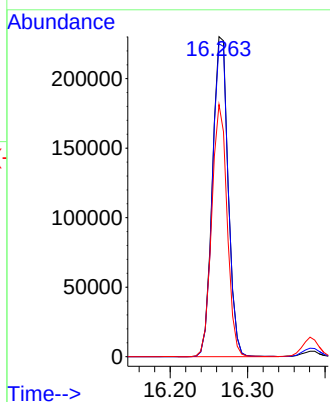
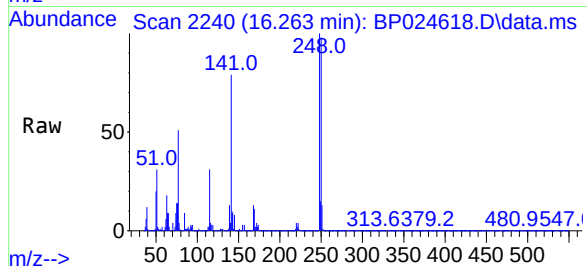
#67
4-Bromophenyl-phenylether
Concen: 38.28 ng
RT: 16.263 min Scan# 2240
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 323558
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.4
141 78.8 63.0 94.6

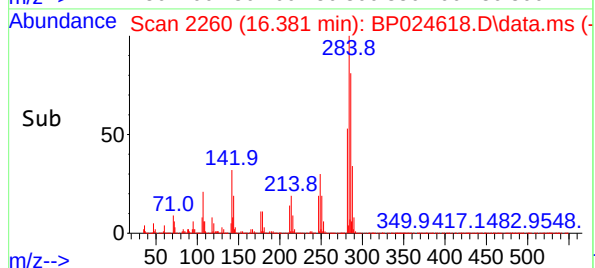
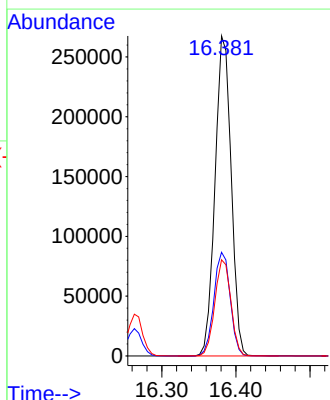
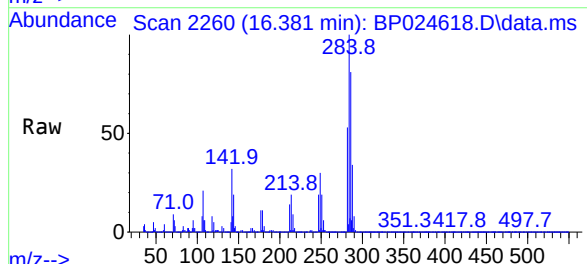
Manual Integrations
APPROVED

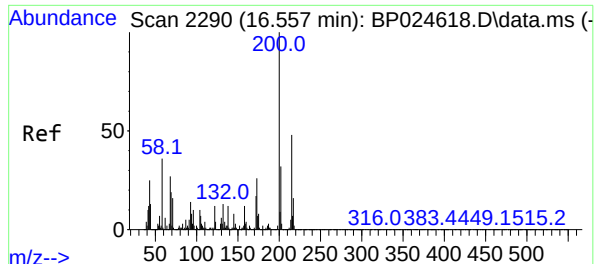
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#68
Hexachlorobenzene
Concen: 37.60 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

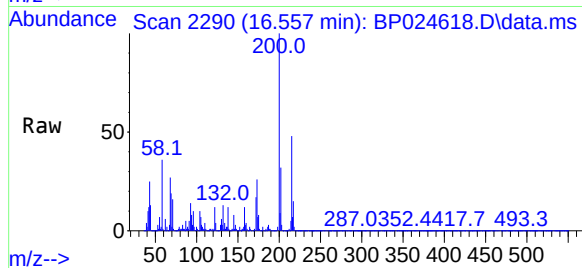
Tgt Ion:284 Resp: 403916
Ion Ratio Lower Upper
284 100
142 32.4 25.9 38.9
249 30.1 24.1 36.1





#69
Atrazine
Concen: 38.67 ng
RT: 16.557 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

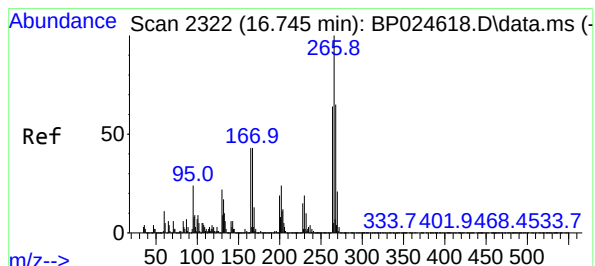
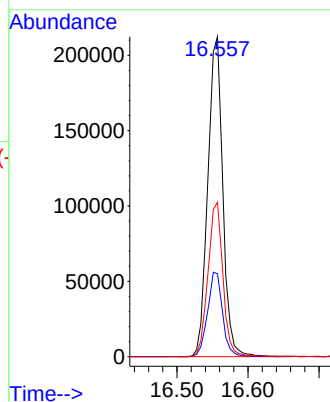
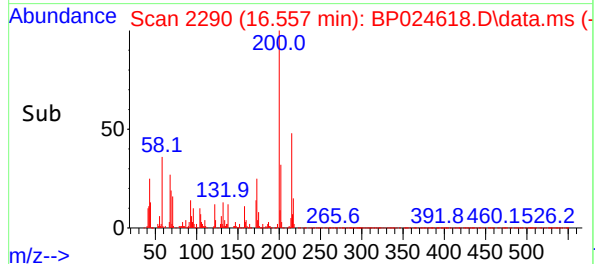
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:200 Resp: 312220
Ion Ratio Lower Upper
200 100
173 25.9 5.9 45.9
215 48.3 28.3 68.3

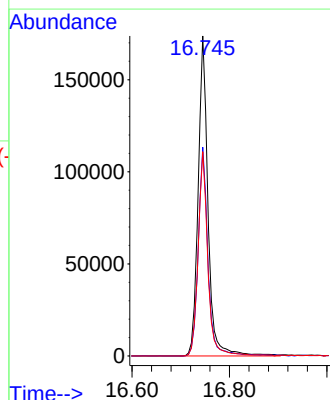
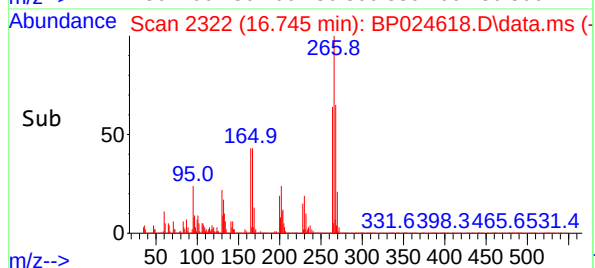
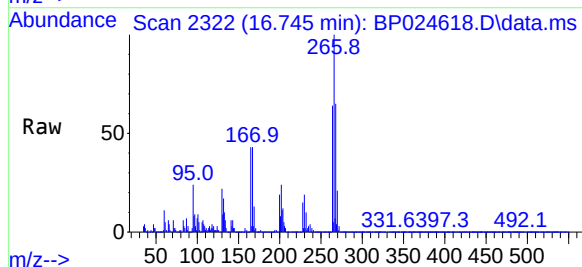
Manual Integrations
APPROVED

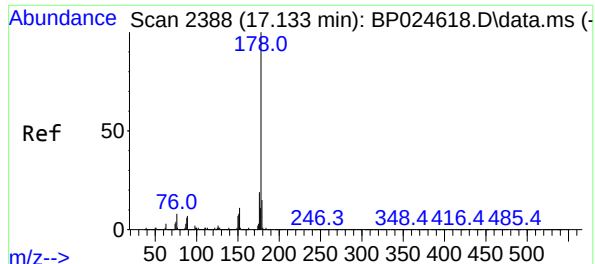
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#70
Pentachlorophenol
Concen: 40.91 ng
RT: 16.745 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

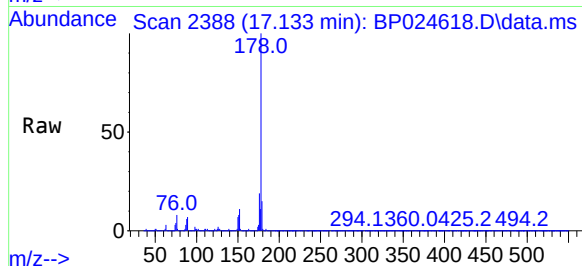
Tgt Ion:266 Resp: 246828
Ion Ratio Lower Upper
266 100
268 65.3 52.2 78.4
264 63.9 51.1 76.7





#71
Phenanthrene
Concen: 37.80 ng
RT: 17.133 min Scan# 2388
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

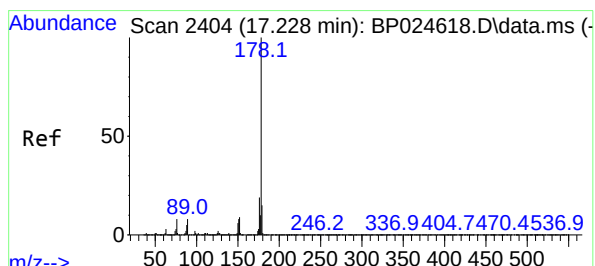
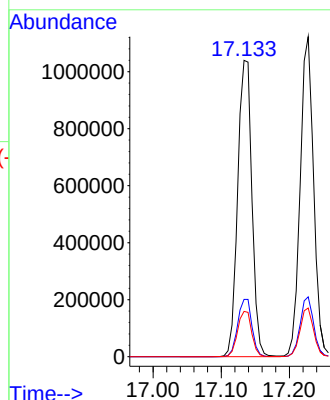
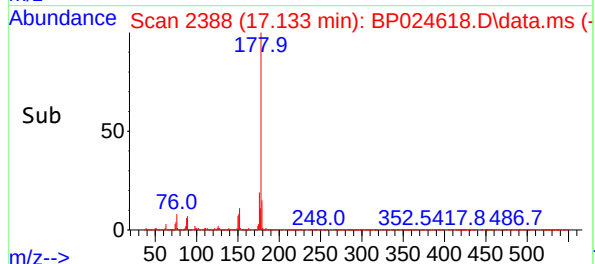
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 1507602
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.3 12.2 18.4

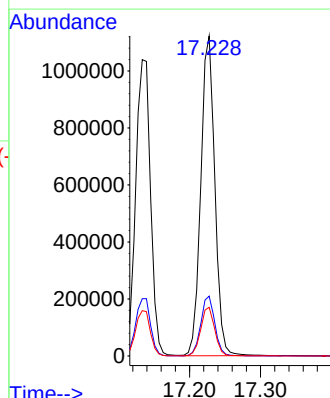
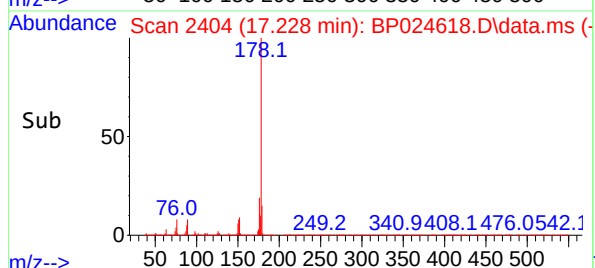
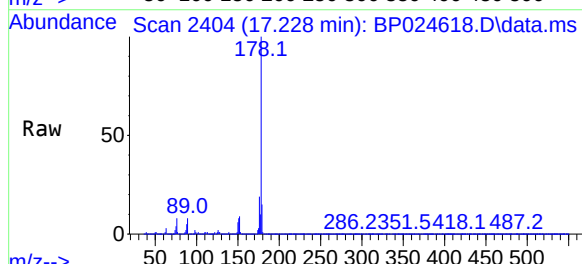
Manual Integrations
APPROVED

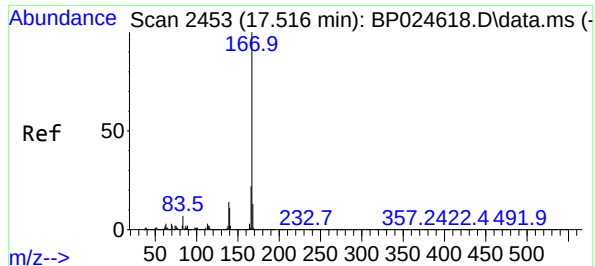
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#72
Anthracene
Concen: 38.44 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

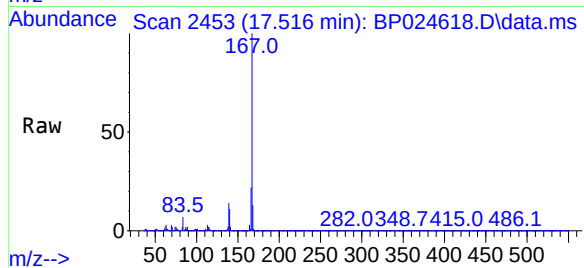
Tgt Ion:178 Resp: 1542275
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.2 12.2 18.2





#73
Carbazole
Concen: 39.55 ng
RT: 17.516 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

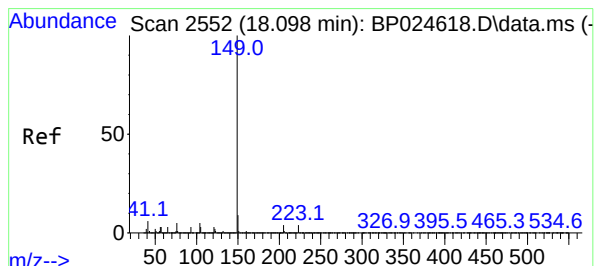
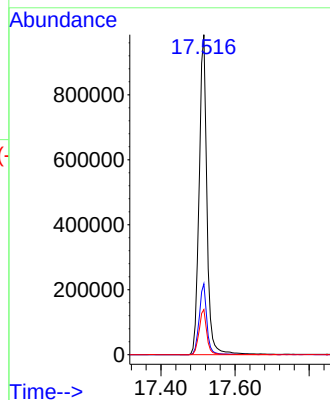
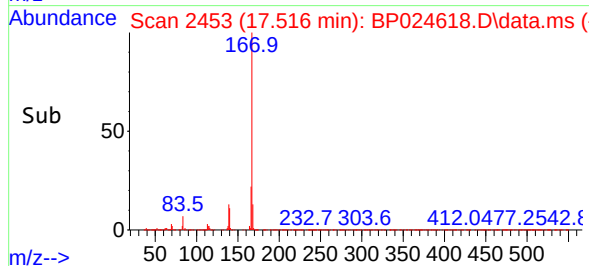
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:167 Resp: 1436294
Ion Ratio Lower Upper
167 100
166 22.1 17.7 26.5
139 14.1 11.3 16.9

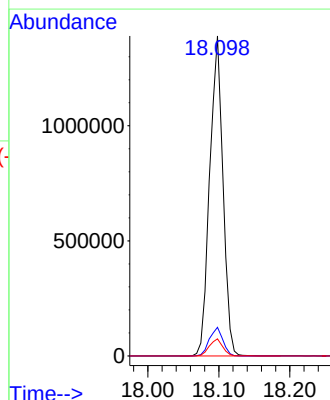
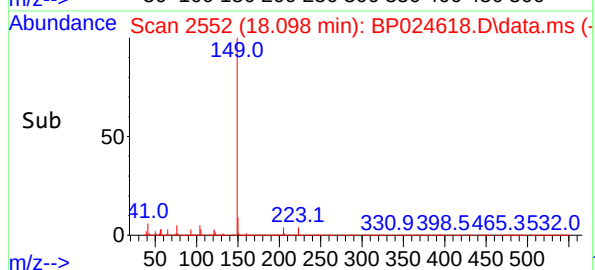
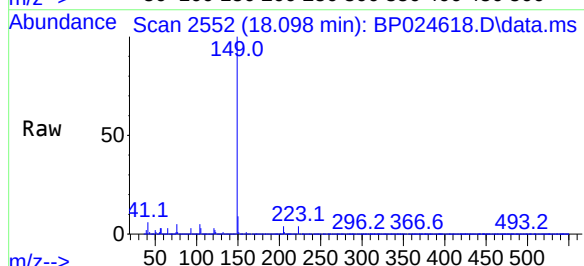
Manual Integrations
APPROVED

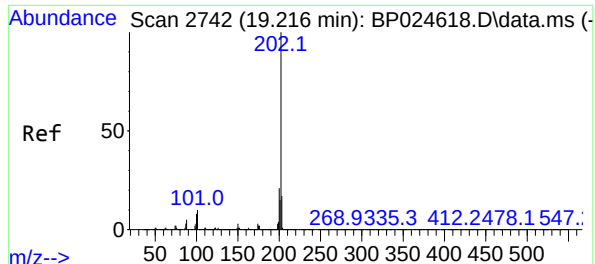
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#74
Di-n-butylphthalate
Concen: 38.69 ng
RT: 18.098 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

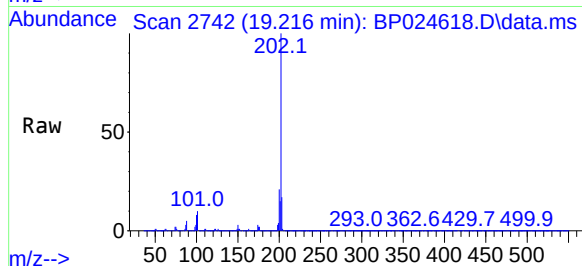
Tgt Ion:149 Resp: 1807097
Ion Ratio Lower Upper
149 100
150 9.0 7.2 10.8
104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 38.49 ng
RT: 19.216 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

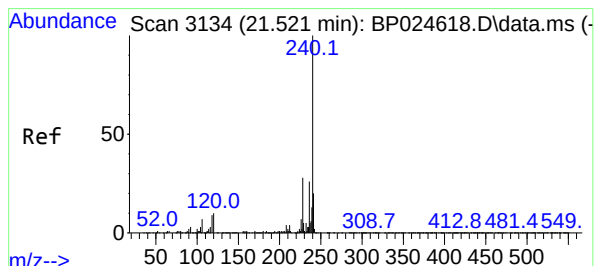
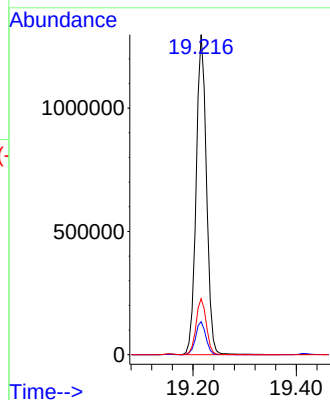
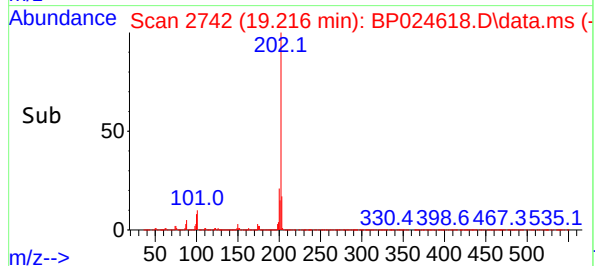
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 1794040
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.3
203 17.5 0.0 37.5

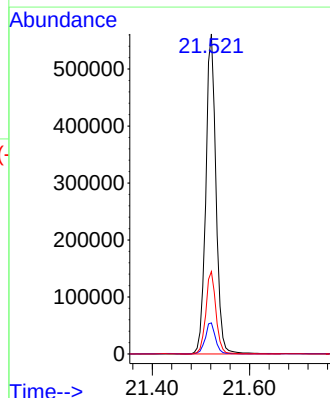
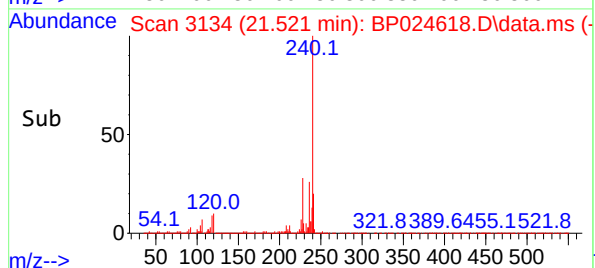
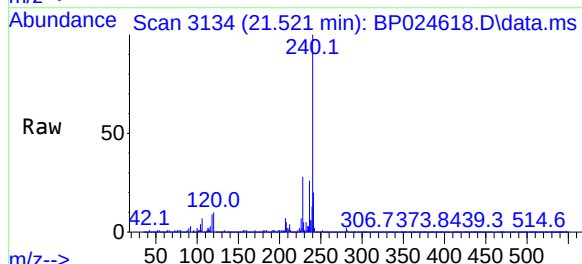
Manual Integrations
APPROVED

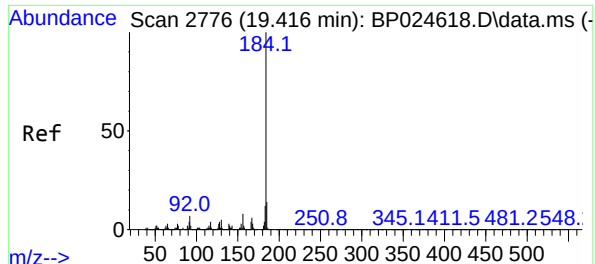
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

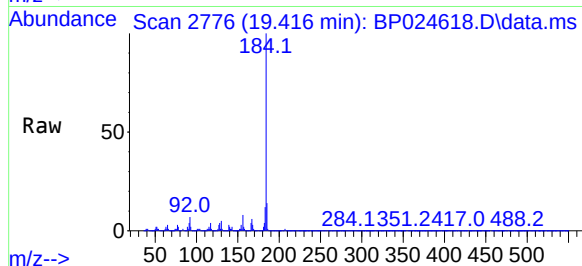
Tgt Ion:240 Resp: 810498
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 25.8 20.6 31.0





#77
Benzidine
Concen: 40.77 ng
RT: 19.416 min Scan# 2776
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

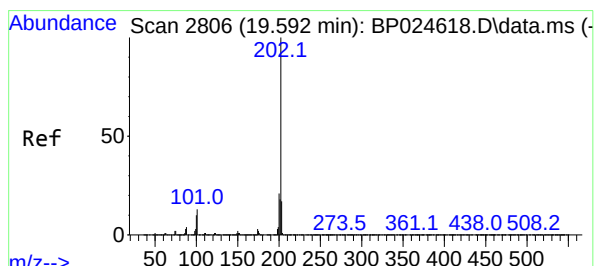
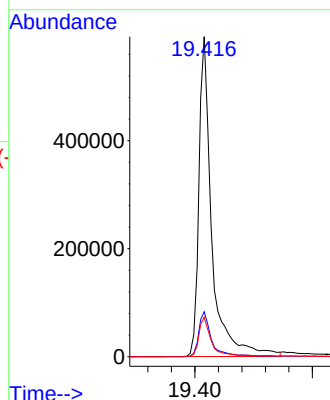
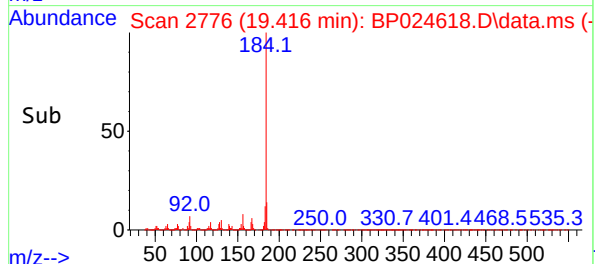
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 907109
Ion Ratio Lower Upper
184 100
185 14.0 11.2 16.8
183 12.3 9.8 14.8

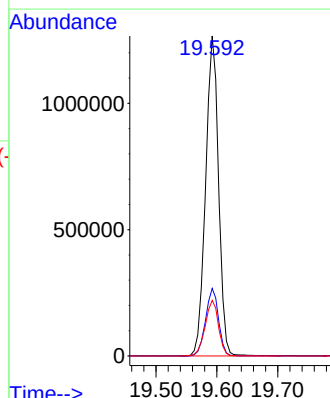
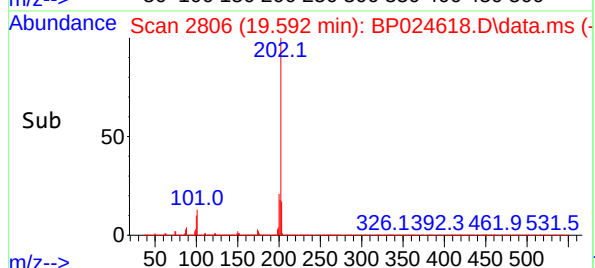
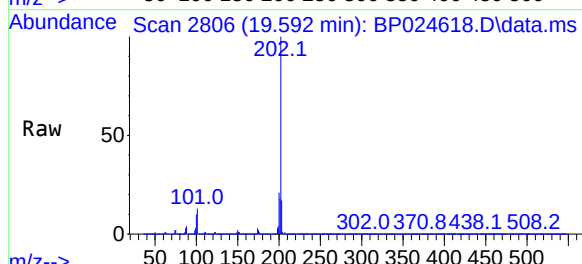
Manual Integrations
APPROVED

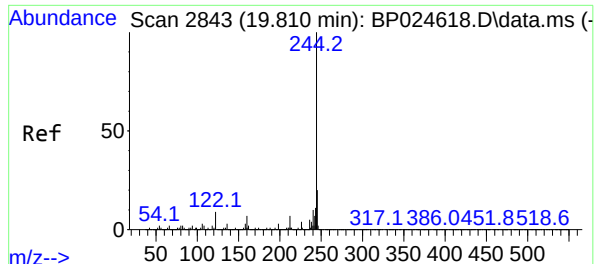
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#78
Pyrene
Concen: 38.50 ng
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:202 Resp: 1869519
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 77.18 ng

RT: 19.810 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:244 Resp: 364796

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

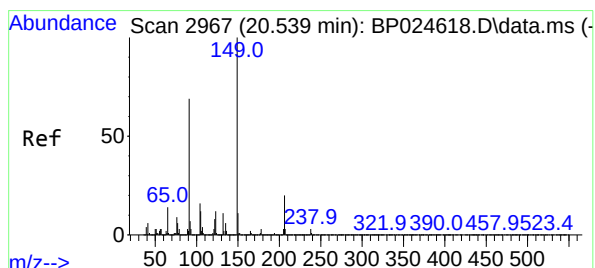
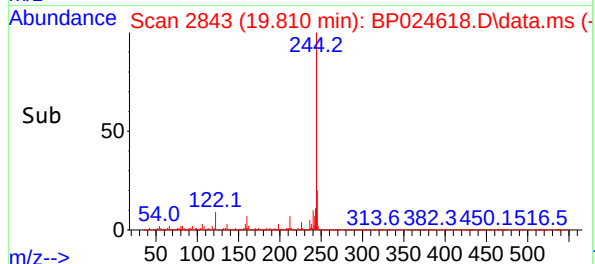
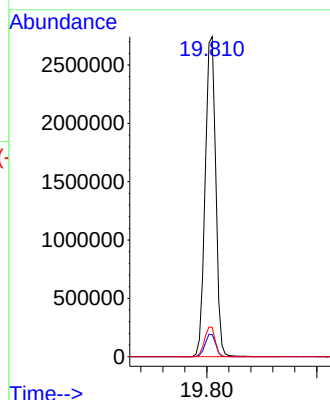
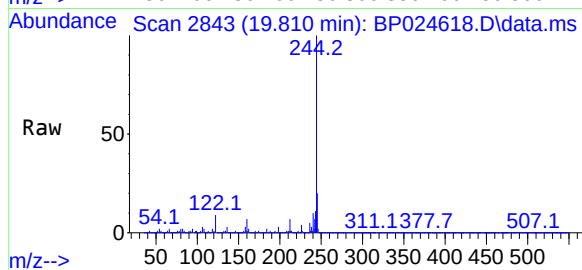
122 9.2 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#80

Butylbenzylphthalate

Concen: 39.58 ng

RT: 20.539 min Scan# 2967

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

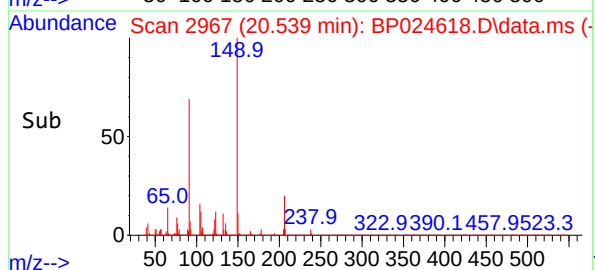
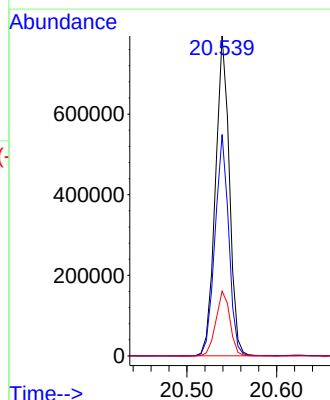
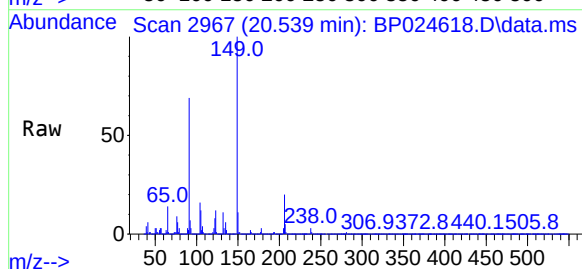
Tgt Ion:149 Resp: 854913

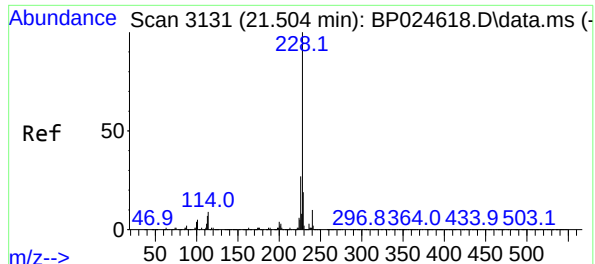
Ion Ratio Lower Upper

149 100

91 69.2 55.4 83.0

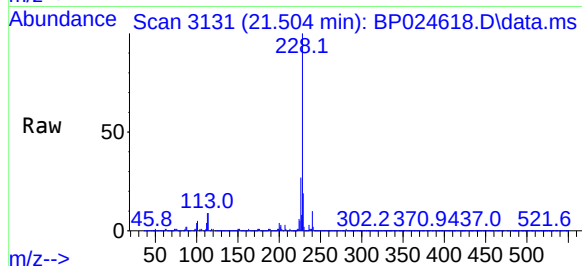
206 20.2 16.2 24.2





#81
Benzo(a)anthracene
Concen: 38.47 ng
RT: 21.504 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

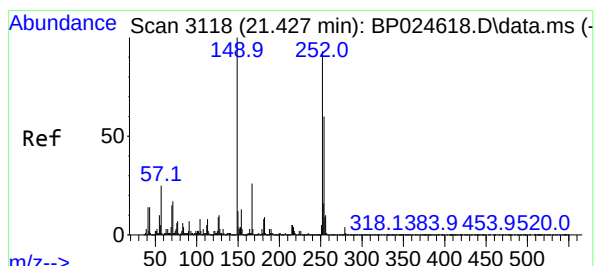
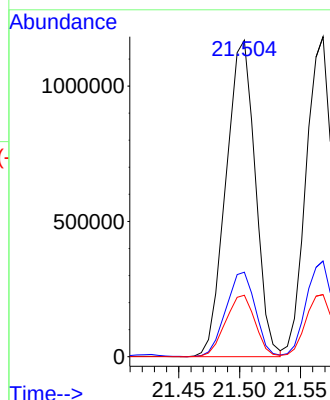
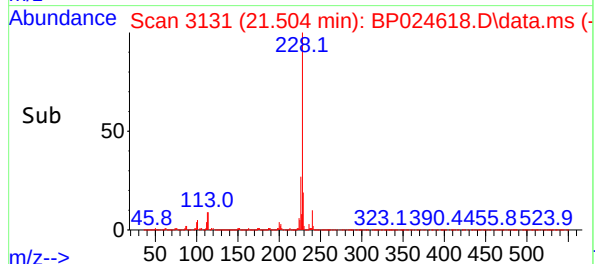
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 1957632
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.0
229 19.4 15.5 23.3

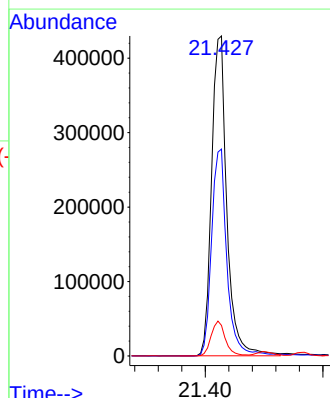
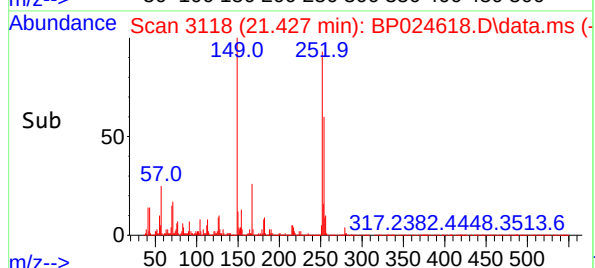
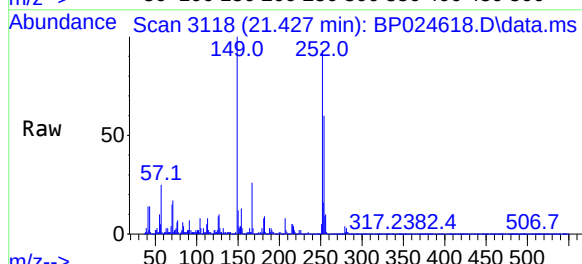
Manual Integrations
APPROVED

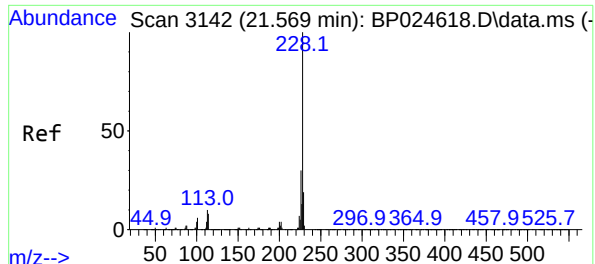
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 40.94 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

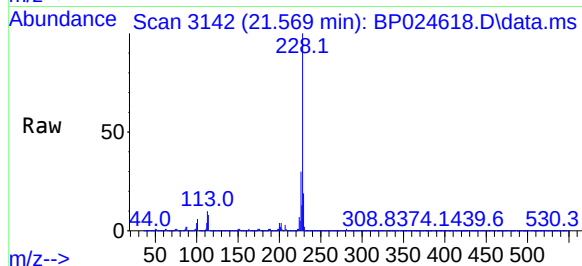
Tgt Ion:252 Resp: 773866
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 9.6 7.7 11.5





#83
Chrysene
Concen: 38.01 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

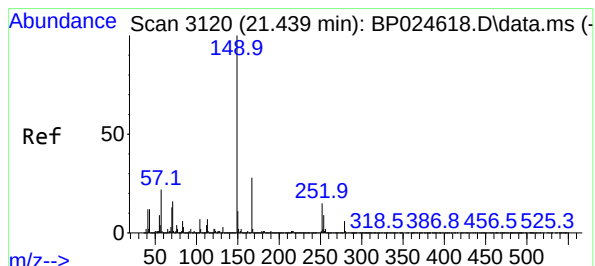
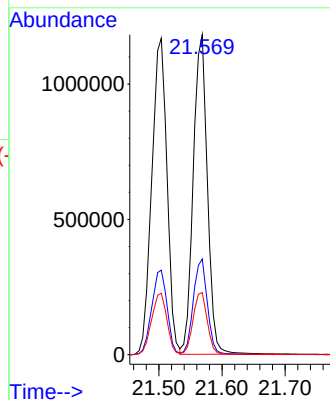
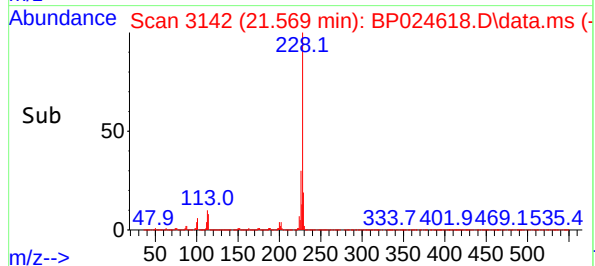
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 1833956
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 19.4 15.5 23.3

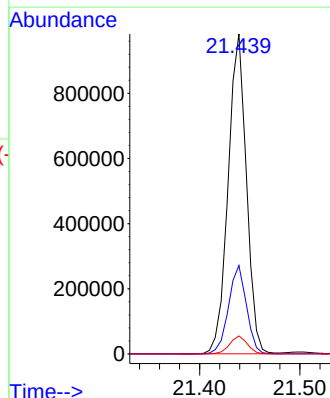
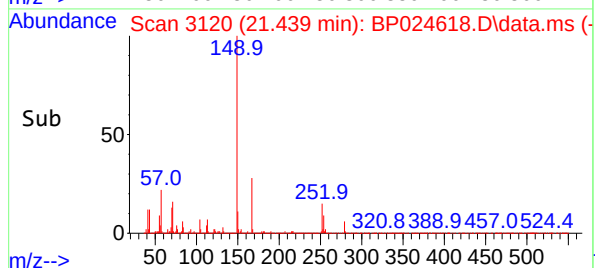
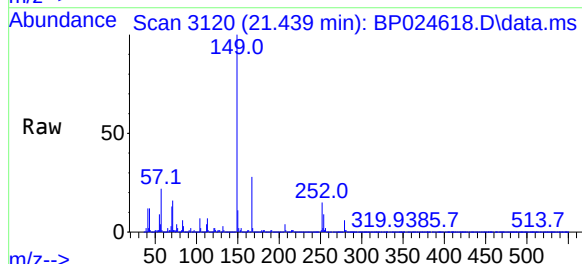
Manual Integrations
APPROVED

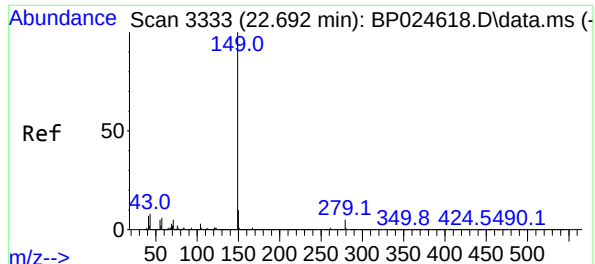
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.09 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

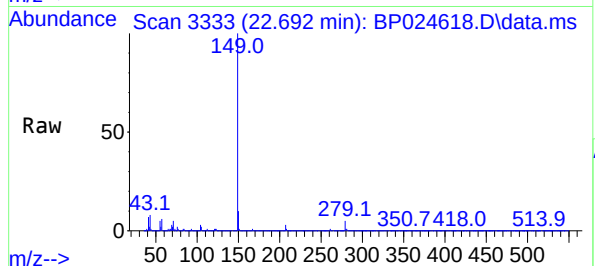
Tgt Ion:149 Resp: 1240956
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 5.7 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 39.97 ng
RT: 22.692 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

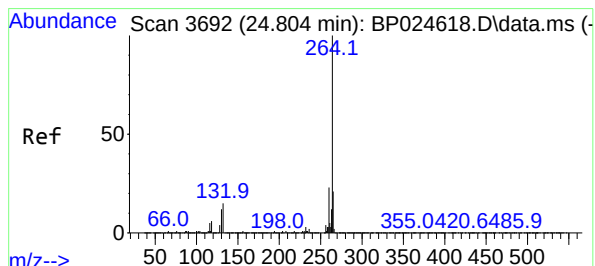
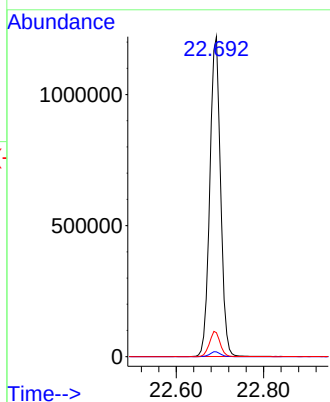
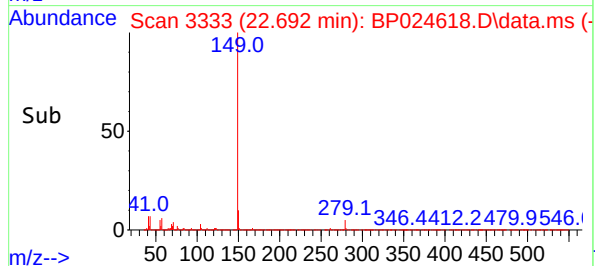
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 2074694
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.9 6.3 9.5

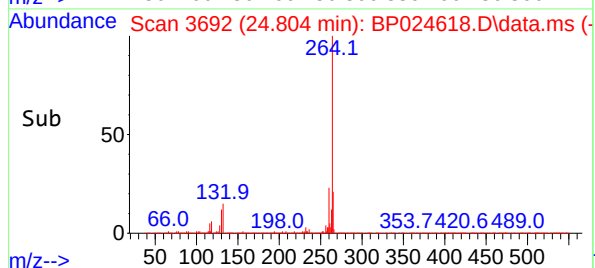
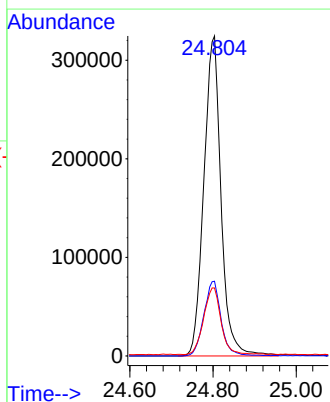
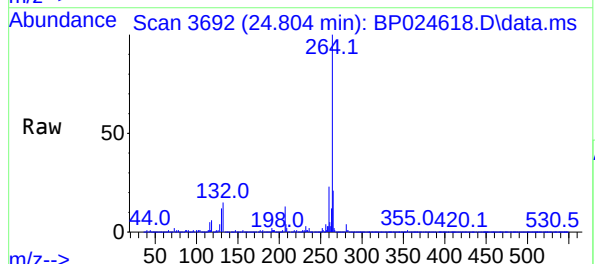
Manual Integrations
APPROVED

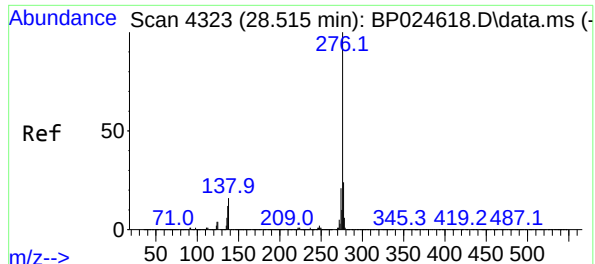
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.804 min Scan# 3692
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

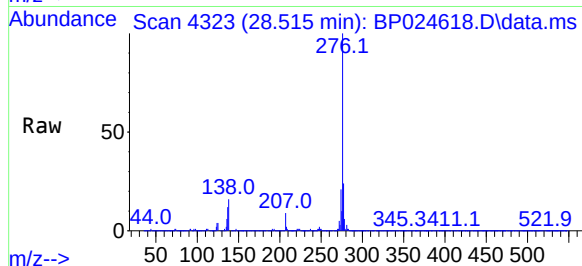
Tgt Ion:264 Resp: 929890
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.3 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.00 ng
RT: 28.515 min Scan# 4323
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

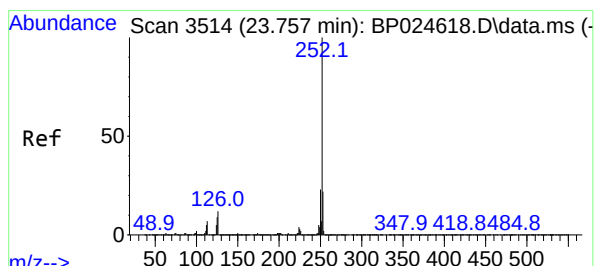
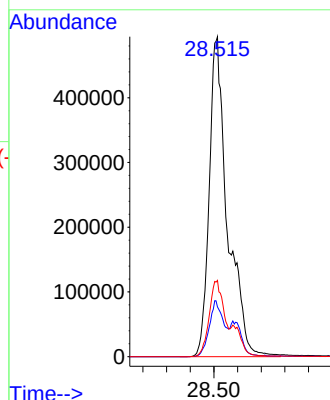
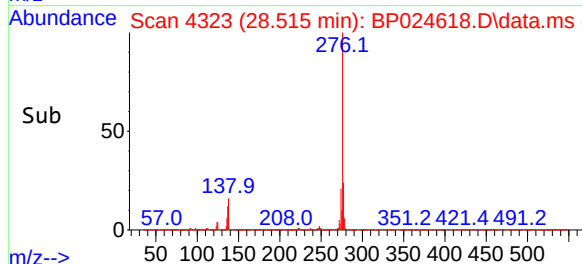
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:276 Resp: 264864
Ion Ratio Lower Upper
276 100
138 14.0 11.2 16.8
277 19.6 15.7 23.5

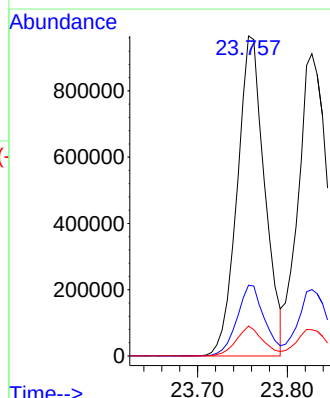
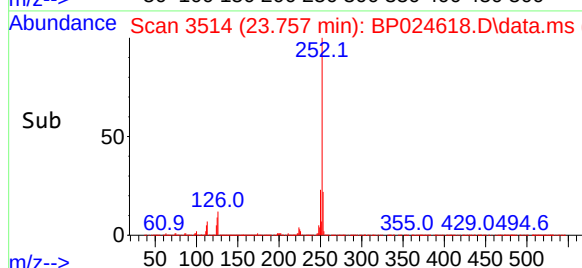
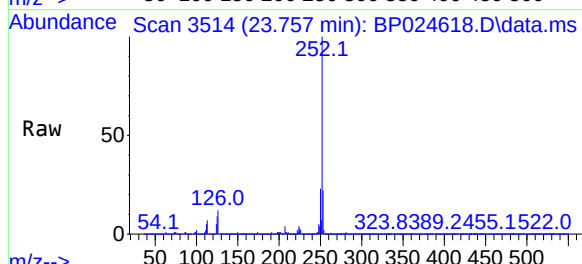
Manual Integrations
APPROVED

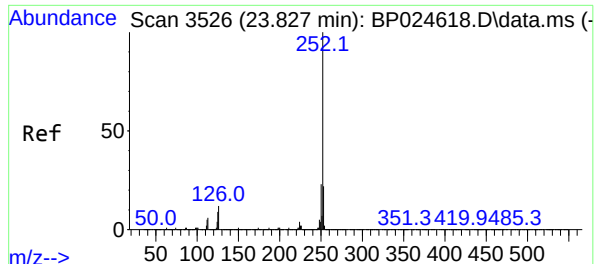
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#88
Benzo(b)fluoranthene
Concen: 38.53 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:252 Resp: 2050806
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.4 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 38.67 ng

RT: 23.827 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 212072

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

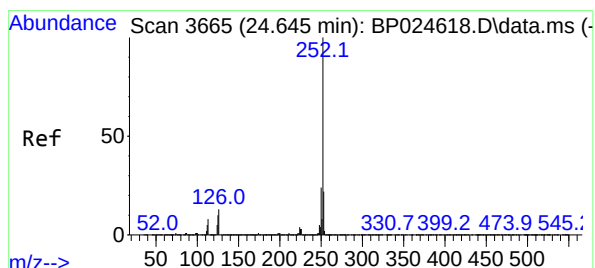
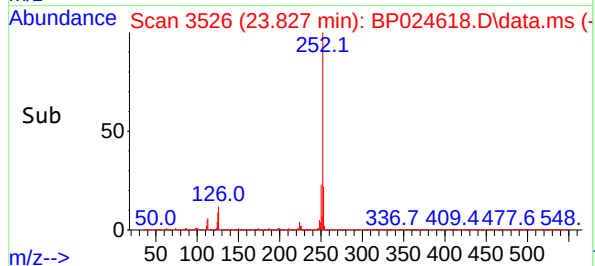
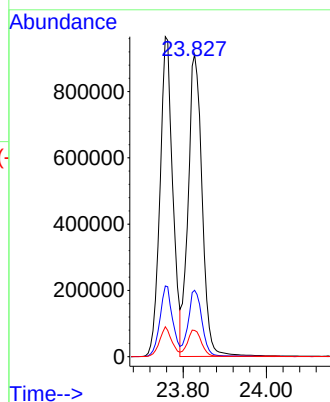
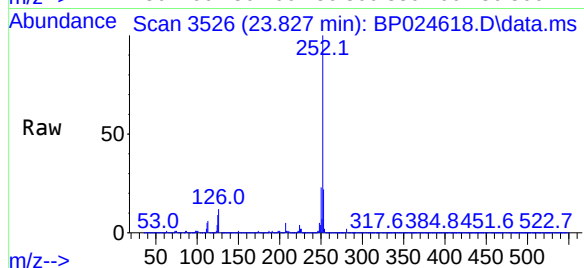
125 8.7 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#90

Benzo(a)pyrene

Concen: 38.71 ng

RT: 24.645 min Scan# 3665

Delta R.T. 0.000 min

Lab File: BP024618.D

Acq: 13 May 2025 13:24

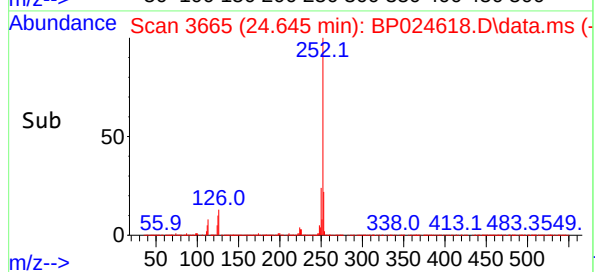
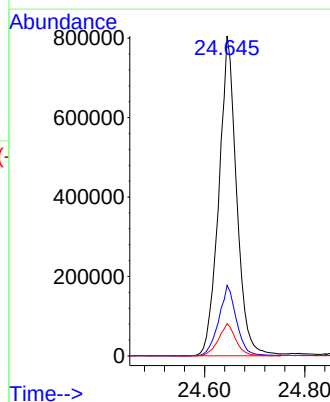
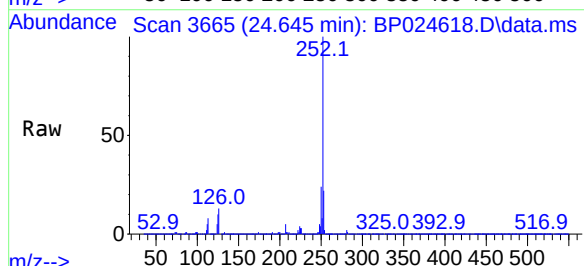
Tgt Ion:252 Resp: 1979017

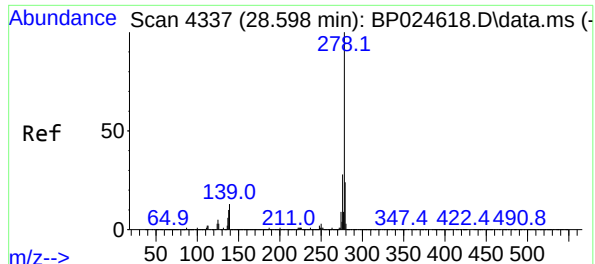
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

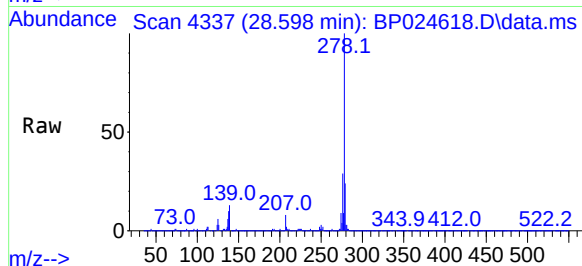
125 10.1 8.1 12.1





#91
Dibenzo(a,h)anthracene
Concen: 39.30 ng
RT: 28.598 min Scan# 4337
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

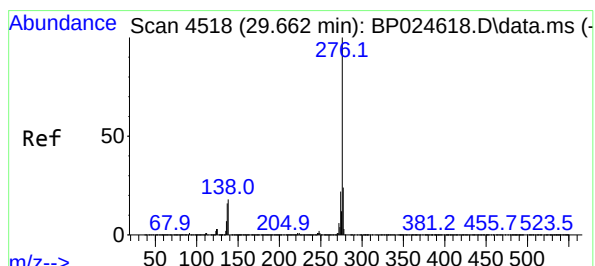
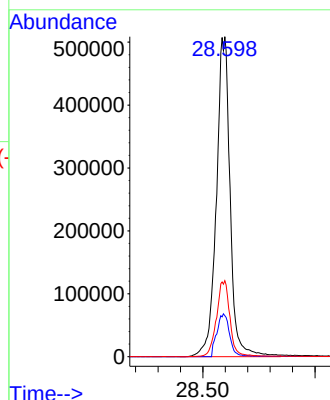
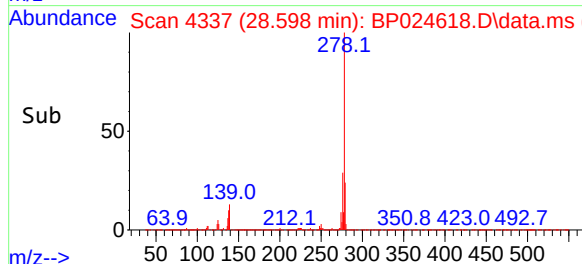
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 278 Resp: 217071
Ion Ratio Lower Upper
278 100
139 12.8 10.2 15.4
279 23.7 19.0 28.4

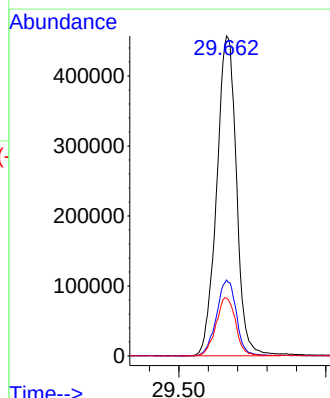
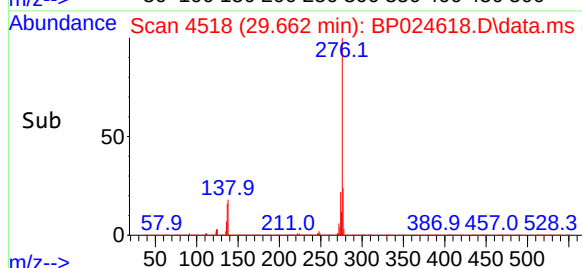
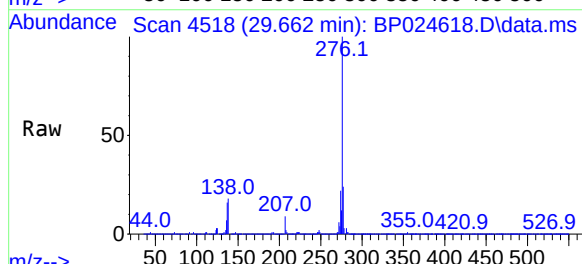
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#92
Benzo(g,h,i)perylene
Concen: 38.84 ng
RT: 29.662 min Scan# 4518
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 276 Resp: 2132921
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 18.0 14.4 21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024619.D
 Acq On : 13 May 2025 14:05
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Quant Time: May 13 16:07:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	111395	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	489806	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	318760	20.00	ng	-0.01
64) Phenanthrene-d10	17.086	188	628781	20.00	ng	-0.01
76) Chrysene-d12	21.522	240	717340	20.00	ng	0.00
86) Perylene-d12	24.810	264	811421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	708626	108.80	ng	0.00
7) Phenol-d6	6.852	99	930484	111.94	ng	0.00
23) Nitrobenzene-d5	8.810	82	1049445	108.26	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	587523	108.72	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2553765	104.96	ng	0.00
79) Terphenyl-d14	19.822	244	4398872	105.15	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	156571	51.20	ng	98
3) Pyridine	3.622	79	379522	55.97	ng	99
4) n-Nitrosodimethylamine	3.534	42	161654	54.00	ng	99
6) Aniline	7.005	93	593141	55.27	ng	99
8) 2-Chlorophenol	7.240	128	408016	55.19	ng	99
9) Benzaldehyde	6.822	77	290405	54.06	ng	100
10) Phenol	6.881	94	475413	55.41	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	377787	53.59	ng	100
12) 1,3-Dichlorobenzene	7.552	146	451750	53.11	ng	99
13) 1,4-Dichlorobenzene	7.699	146	455796	53.28	ng	99
14) 1,2-Dichlorobenzene	8.010	146	439707	52.74	ng	100
15) Benzyl Alcohol	7.910	79	363689	57.58	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	450215	53.33	ng	98
17) 2-Methylphenol	8.110	107	347065	56.40	ng	98
18) Hexachloroethane	8.728	117	173580	52.95	ng	98
19) n-Nitroso-di-n-propyla...	8.463	70	318058	55.32	ng	99
20) 3+4-Methylphenols	8.440	107	474048	56.64	ng	98
22) Acetophenone	8.481	105	653878	53.44	ng	# 98
24) Nitrobenzene	8.852	77	456929	53.56	ng	99
25) Isophorone	9.375	82	921892	54.82	ng	99
26) 2-Nitrophenol	9.557	139	239844	57.38	ng	98
27) 2,4-Dimethylphenol	9.628	122	402585	54.62	ng	99
28) bis(2-Chloroethoxy)met...	9.852	93	542581	54.01	ng	100
29) 2,4-Dichlorophenol	10.099	162	400983	56.14	ng	98
30) 1,2,4-Trichlorobenzene	10.299	180	424561	52.75	ng	97
31) Naphthalene	10.481	128	1336265	52.65	ng	100
32) Benzoic acid	9.787	122	263657	50.71	ng	99
33) 4-Chloroaniline	10.599	127	569812	55.63	ng	99
34) Hexachlorobutadiene	10.769	225	271578	52.09	ng	99
35) Caprolactam	11.393	113	148586	57.53	ng	98
36) 4-Chloro-3-methylphenol	11.734	107	478787	54.97	ng	99
37) 2-Methylnaphthalene	12.093	142	873274	53.13	ng	99
38) 1-Methylnaphthalene	12.316	142	919827	52.31	ng	98
40) 1,2,4,5-Tetrachloroben...	12.469	216	497848	53.78	ng	100
41) Hexachlorocyclopentadiene	12.446	237	334752	59.64	ng	96
43) 2,4,6-Trichlorophenol	12.716	196	341059	56.89	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024619.D
 Acq On : 13 May 2025 14:05
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Quant Time: May 13 16:07:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	375330	56.24	ng	98
46) 1,1'-Biphenyl	13.116	154	1263640	53.64	ng	100
47) 2-Chloronaphthalene	13.157	162	952857	53.04	ng	99
48) 2-Nitroaniline	13.369	65	303475	57.06	ng	99
49) Acenaphthylene	14.010	152	1616938	53.79	ng	100
50) Dimethylphthalate	13.751	163	1283491	52.83	ng	99
51) 2,6-Dinitrotoluene	13.875	165	281728	54.91	ng	99
52) Acenaphthene	14.357	154	923238	53.42	ng	100
53) 3-Nitroaniline	14.210	138	302341	57.71	ng	99
54) 2,4-Dinitrophenol	14.422	184	159888	51.86	ng	98
55) Dibenzofuran	14.698	168	1447333	52.50	ng	99
56) 4-Nitrophenol	14.545	139	238294	53.99	ng	99
57) 2,4-Dinitrotoluene	14.669	165	404684	55.94	ng	98
58) Fluorene	15.357	166	1190632	52.97	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	341204	55.11	ng	100
60) Diethylphthalate	15.134	149	1305791	53.18	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	590421	52.67	ng	97
62) 4-Nitroaniline	15.392	138	298681	58.55	ng	99
63) Azobenzene	15.651	77	1121556	53.39	ng	98
65) 4,6-Dinitro-2-methylph...	15.451	198	234095	57.64	ng	98
66) n-Nitrosodiphenylamine	15.569	169	1048396	54.28	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	396385	53.50	ng	99
68) Hexachlorobenzene	16.381	284	504987	53.64	ng	99
69) Atrazine	16.551	200	389749	55.07	ng	100
70) Pentachlorophenol	16.739	266	310477	58.71	ng	98
71) Phenanthrene	17.128	178	1838891	52.61	ng	100
72) Anthracene	17.228	178	1894573	53.87	ng	100
73) Carbazole	17.510	167	1750681	55.00	ng	100
74) Di-n-butylphthalate	18.104	149	2275163	55.58	ng	100
75) Fluoranthene	19.222	202	2199818	53.84	ng	100
77) Benzidine	19.422	184	1178505	59.85	ng	99
78) Pyrene	19.604	202	2282702	53.11	ng	100
80) Butylbenzylphthalate	20.551	149	1083395	56.68	ng	97
81) Benzo(a)anthracene	21.504	228	2396398	53.20	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	966906	57.80	ng	100
83) Chrysene	21.574	228	2250800	52.71	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	1585070	56.42	ng	100
85) Di-n-octyl phthalate	22.698	149	2614856	56.91	ng	100
87) Indeno(1,2,3-cd)pyrene	28.515	276	3262830	55.06	ng	99
88) Benzo(b)fluoranthene	23.763	252	2612438	56.25	ng	99
89) Benzo(k)fluoranthene	23.827	252	2552663	53.34	ng	99
90) Benzo(a)pyrene	24.645	252	2475976	55.51	ng	100
91) Dibenzo(a,h)anthracene	28.586	278	2679367	55.60	ng	99
92) Benzo(g,h,i)perylene	29.656	276	2625625	54.79	ng	99

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

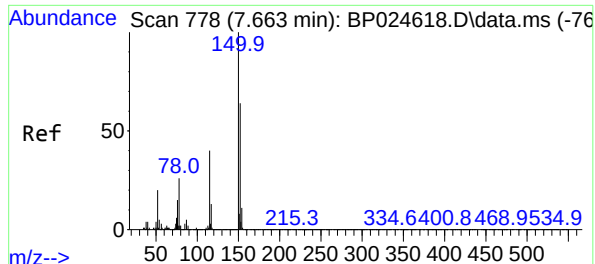
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

TIC: BP024619.D\data.ms

Abundance

Time-->

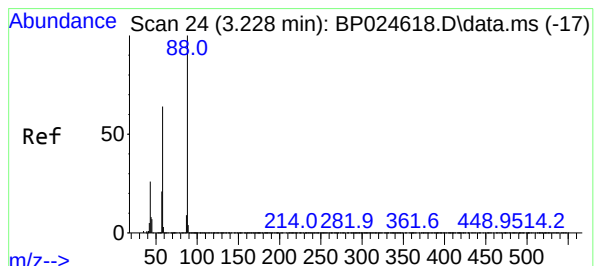
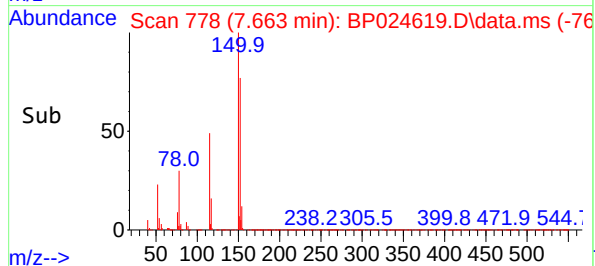
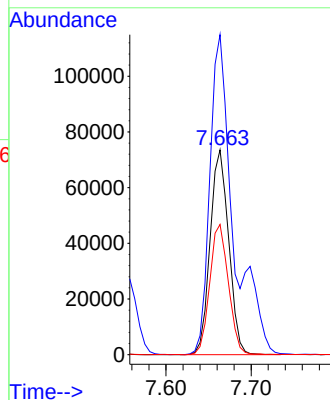
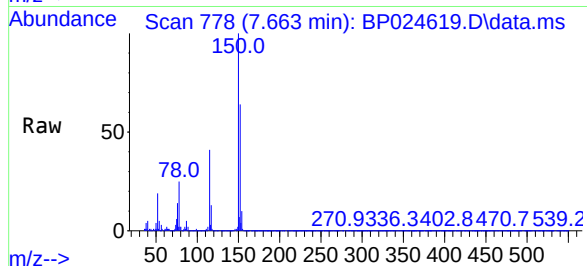
1,4-Dioxane
n-Nitrosodimethylamine,
2-Fluorophenol,S
Benzaldehyde,Phenol-d6,S
bis(2-chloroethoxy)ether
1,2-dichlorobenzene,benzene,C
2,2'-oxybis[4-methylphenyl]ethane
N,N-dimethylethylenediamine,P
Hexachlorocyclopentadiene-d5,S
Nitrophenol,p-toluenesulfonamide
Benzoic acid,bis(2-chloroethoxy)methane
2,4-Dichlorophenol,C
Naphthalene,dibenzofuran
Hexachlorobutadiene,C
Caprolactam
4-Chloro-3-methylphenol,C
2-Methylcaphtaline
Hexachlorocyclopentadiene
2,4,6-Trichlorophenol,C
2-Nitroaniline
2-Chlorodiphenyl ether
Dimethyltoluene
Acenaphthylene
Acenaphthene,C
2,4-Dinitrotoluene
Dibenzofuran
2,3,4,6-Tetrachlorophenol
4-Nitrodiphenyl ether
4-Nitroazobenzene
Azobenzene
1,7-Nitrosodiphenylamine,c
2,4,6-Trifluorophenol,S
Bis(2-chloroethoxy)ether
Phenanthrene
Pentachlorophenol,C
Phenanthrene-d10,l
Carbazole
Di-n-butylphthalate
Fluoranthene,C
Pyrene
Benzidine
Butylbenzylphthalate
Chrysene,dibenz[a,h]anthracene
Crysenes,dibenz[a,h]anthracene
Di-n-octyl phthalate,c
Benzofluorene
Benzo(a)pyrene,C
Perylene-d12,l
Indeno(1,2,3-cd)fluorene
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

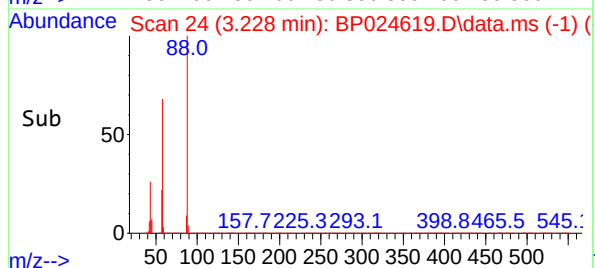
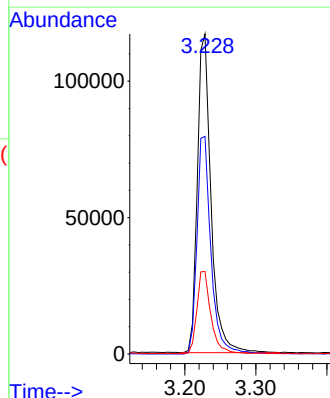
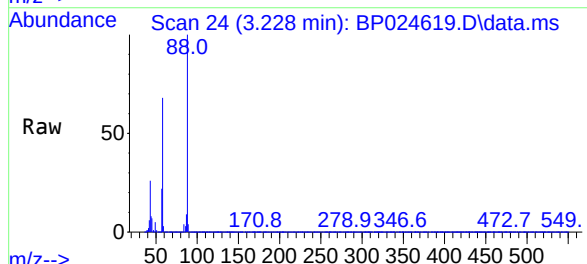
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

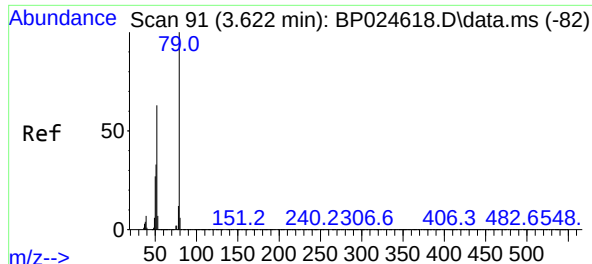
Tgt Ion:152 Resp: 111395
Ion Ratio Lower Upper
152 100
150 156.2 125.9 188.9
115 63.6 50.1 75.1



#2
1,4-Dioxane
Concen: 51.20 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 88 Resp: 156571
Ion Ratio Lower Upper
88 100
58 70.0 54.0 81.0
43 26.5 21.4 32.0

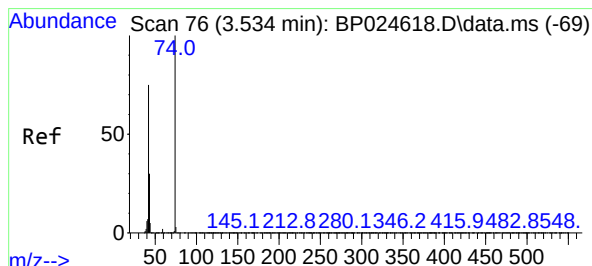
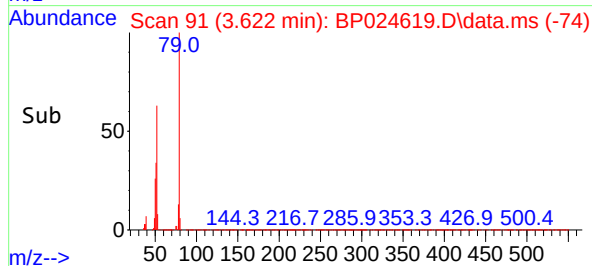
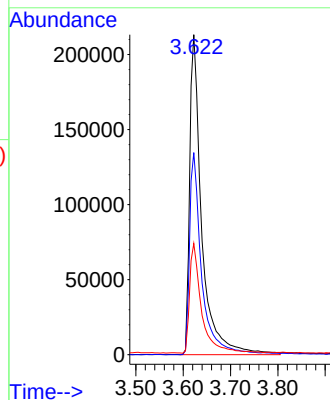
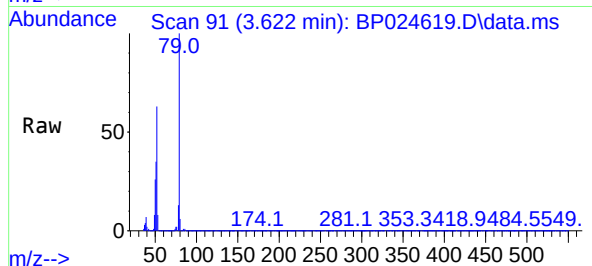




#3
Pyridine
Concen: 55.97 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

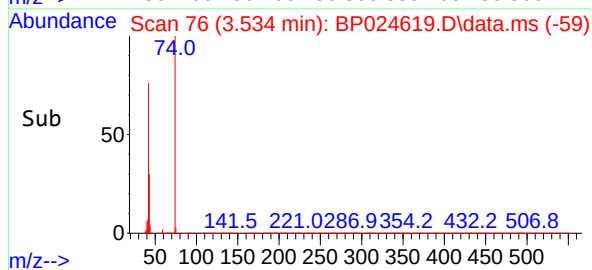
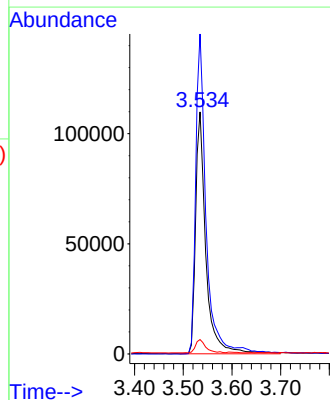
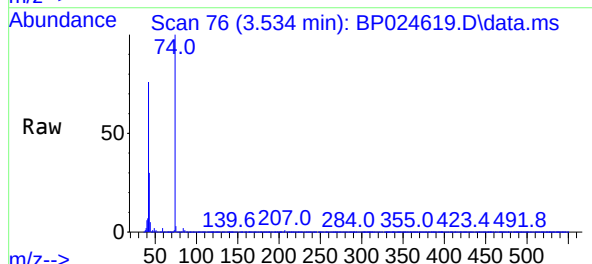
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

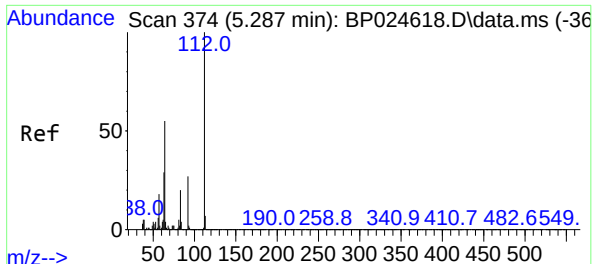
Tgt Ion: 79 Resp: 379522
Ion Ratio Lower Upper
79 100
52 63.2 50.2 75.2
51 34.8 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 54.00 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 42 Resp: 161654
Ion Ratio Lower Upper
42 100
74 132.2 106.2 159.2
44 6.0 5.4 8.2





#5

2-Fluorophenol

Concen: 108.80 ng

RT: 5.287 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

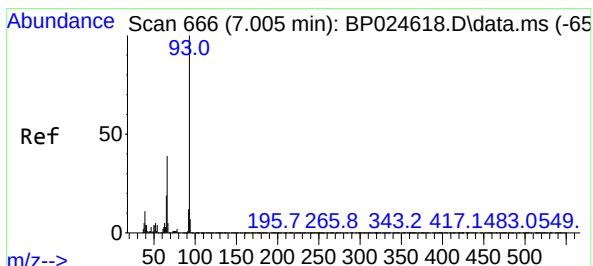
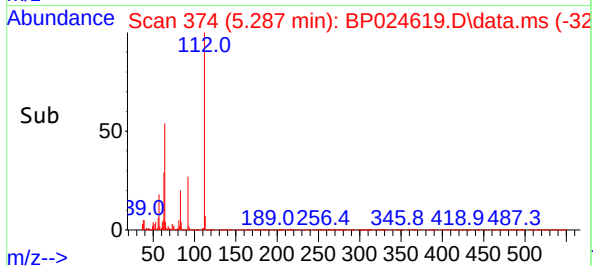
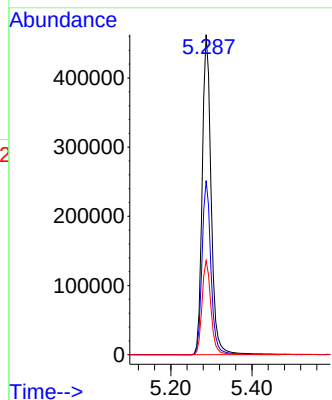
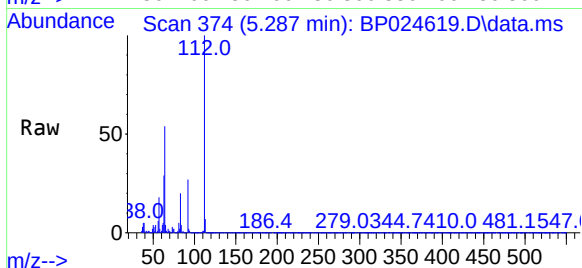
Tgt Ion:112 Resp: 708626

Ion Ratio Lower Upper

112 100

64 54.4 44.1 66.1

63 29.4 23.5 35.3



#6

Aniline

Concen: 55.27 ng

RT: 7.005 min Scan# 666

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

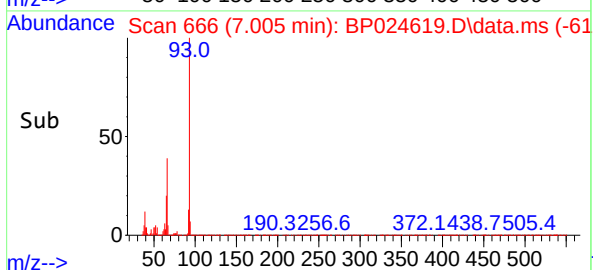
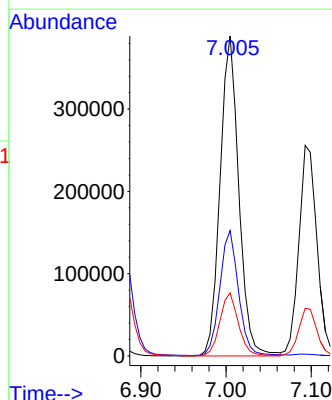
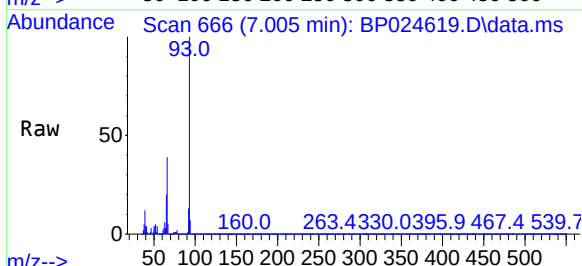
Tgt Ion: 93 Resp: 593141

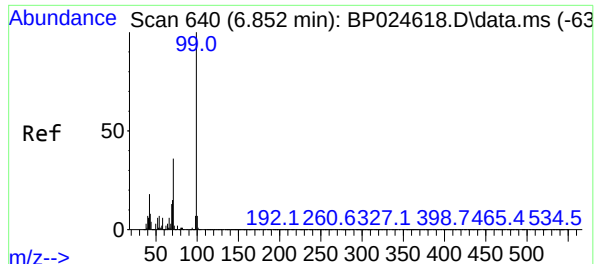
Ion Ratio Lower Upper

93 100

66 39.2 31.0 46.6

65 19.7 15.5 23.3

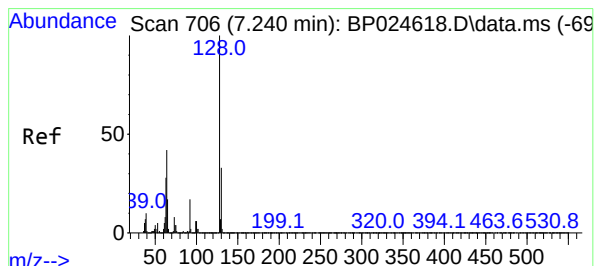
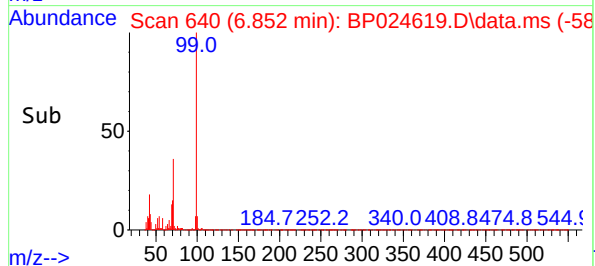
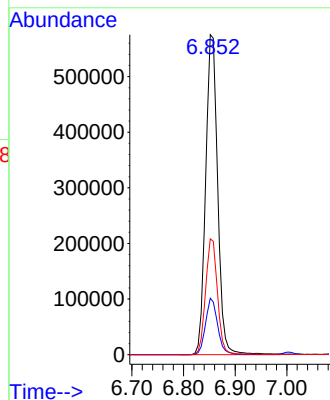
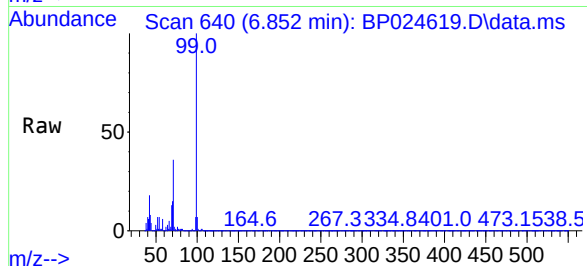




#7
Phenol-d6
Concen: 111.94 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

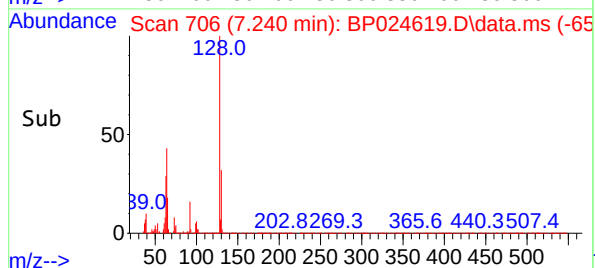
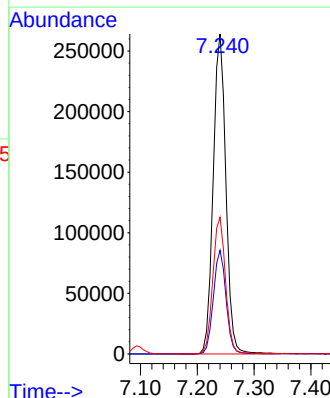
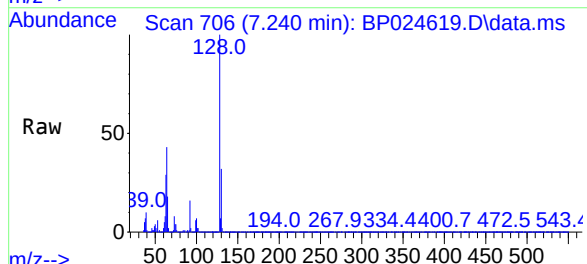
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

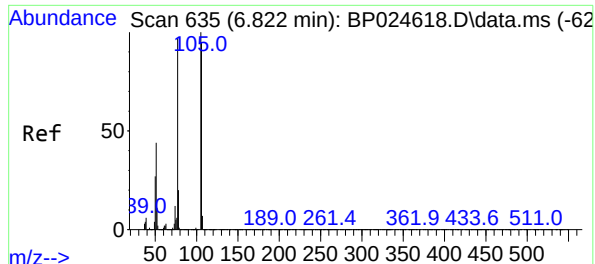
Tgt Ion: 99 Resp: 930484
Ion Ratio Lower Upper
99 100
42 17.7 14.4 21.6
71 36.2 29.2 43.8



#8
2-Chlorophenol
Concen: 55.19 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 128 Resp: 408016
Ion Ratio Lower Upper
128 100
130 32.4 13.0 53.0
64 42.8 22.3 62.3





#9

Benzaldehyde

Concen: 54.06 ng

RT: 6.822 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

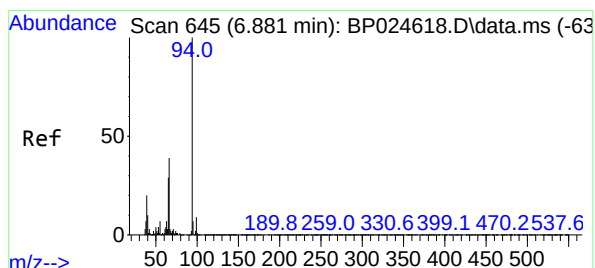
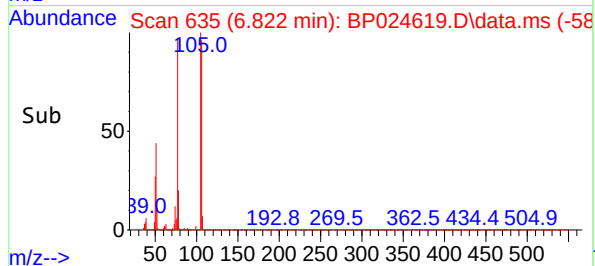
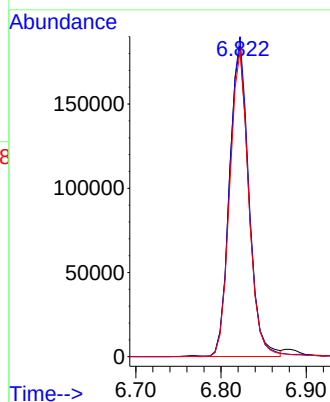
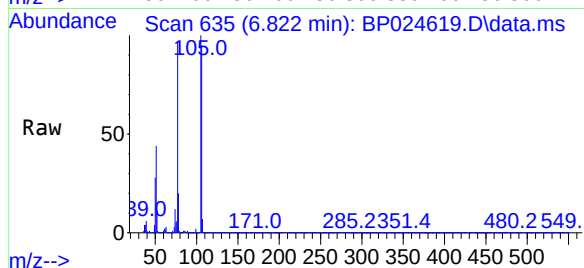
Tgt Ion: 77 Resp: 290405

Ion Ratio Lower Upper

77 100

105 103.0 83.3 123.3

106 98.4 78.0 118.0



#10

Phenol

Concen: 55.41 ng

RT: 6.881 min Scan# 645

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

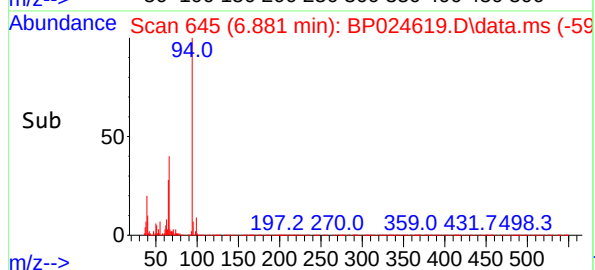
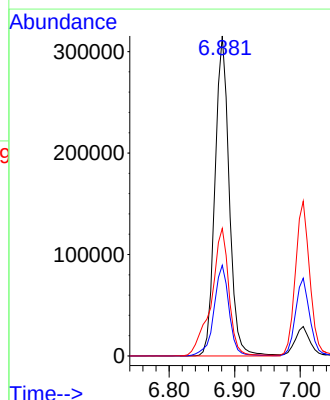
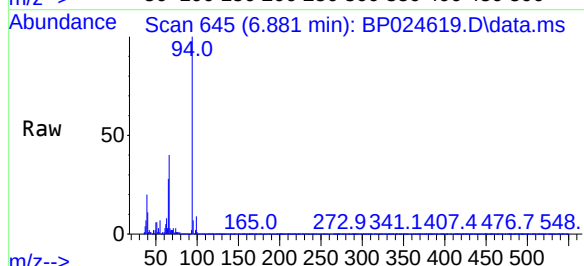
Tgt Ion: 94 Resp: 475413

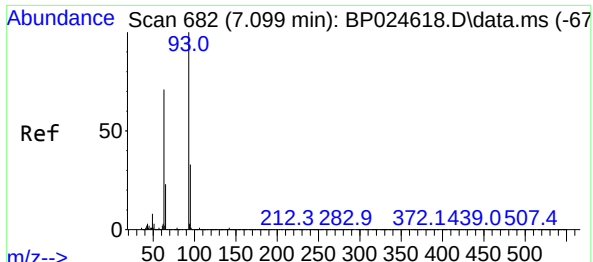
Ion Ratio Lower Upper

94 100

65 28.3 8.7 48.7

66 39.9 19.4 59.4





#11

bis(2-Chloroethyl)ether

Concen: 53.59 ng

RT: 7.093 min Scan# 682

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

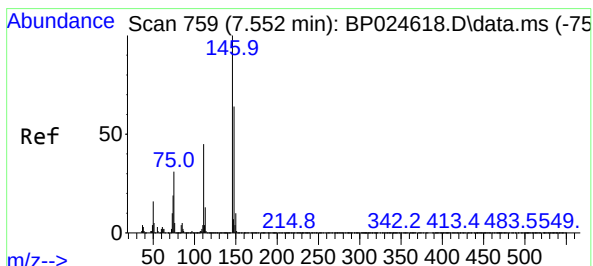
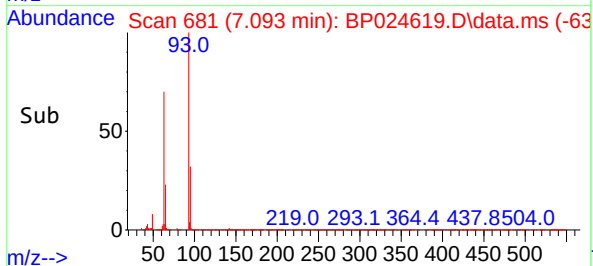
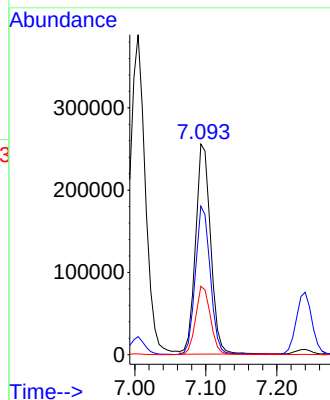
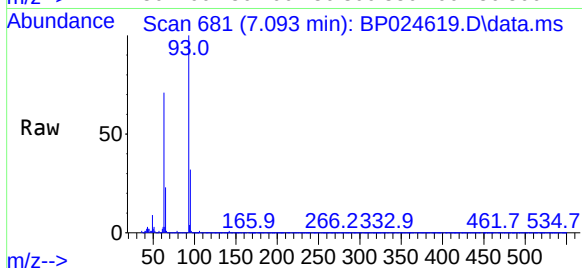
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 377787

Ion	Ratio	Lower	Upper
93	100		
63	70.5	50.6	90.6
95	32.5	12.9	52.9



#12

1,3-Dichlorobenzene

Concen: 53.11 ng

RT: 7.552 min Scan# 759

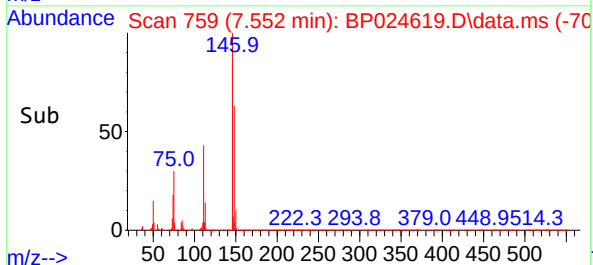
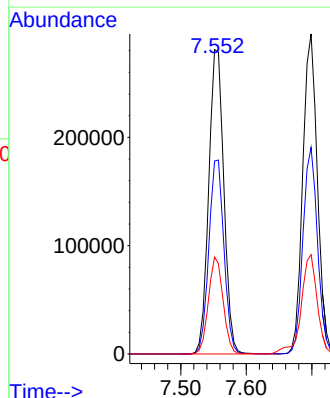
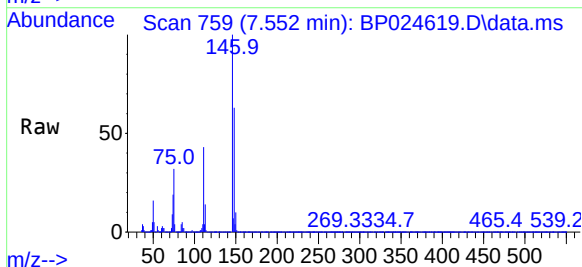
Delta R.T. 0.000 min

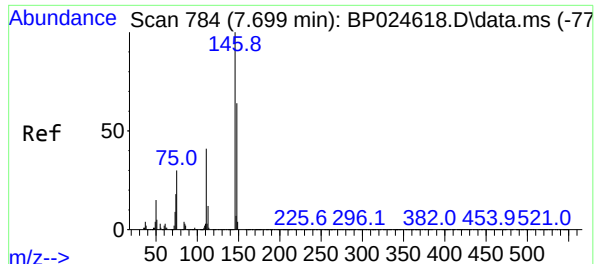
Lab File: BP024619.D

Acq: 13 May 2025 14:05

Tgt Ion: 146 Resp: 451750

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.2
75	31.9	25.2	37.8





#13

1,4-Dichlorobenzene

Concen: 53.28 ng

RT: 7.699 min Scan# 784

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

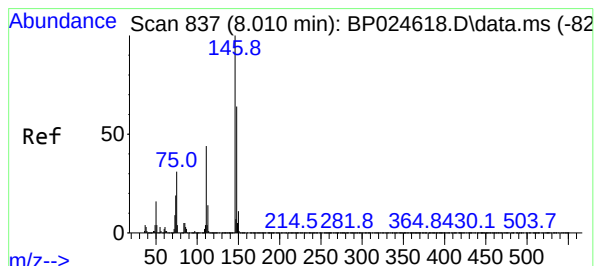
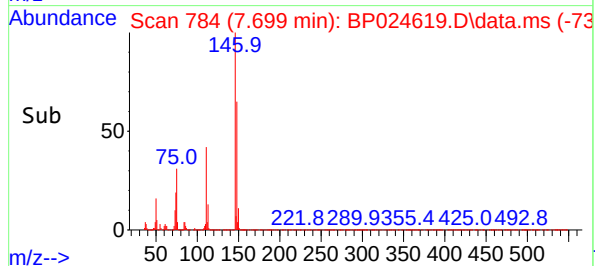
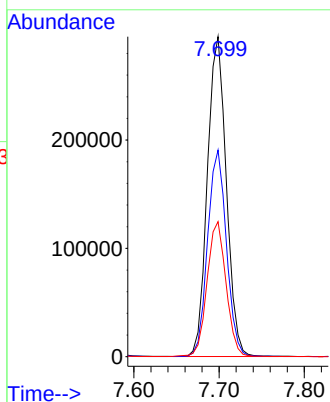
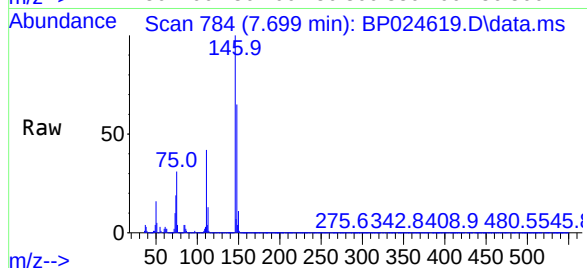
Tgt Ion:146 Resp: 455796

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.6

111 42.2 33.0 49.6



#14

1,2-Dichlorobenzene

Concen: 52.74 ng

RT: 8.010 min Scan# 837

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

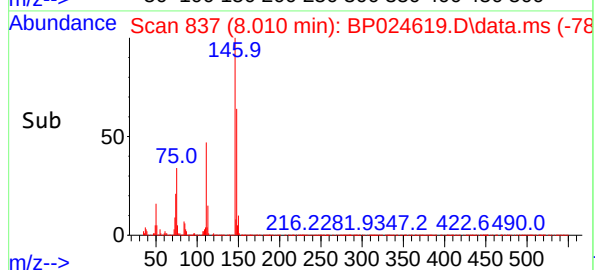
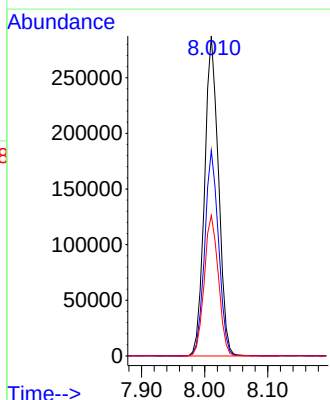
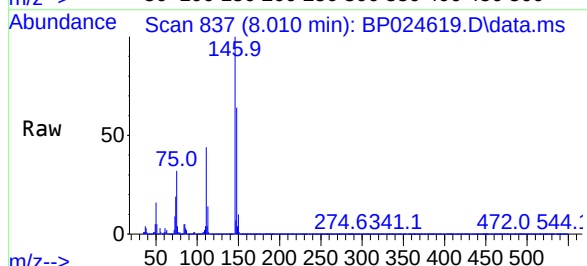
Tgt Ion:146 Resp: 439707

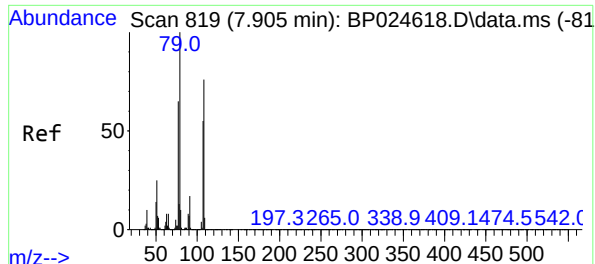
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

111 43.9 35.2 52.8





#15

Benzyl Alcohol

Concen: 57.58 ng

RT: 7.910 min Scan# 819

Delta R.T. 0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

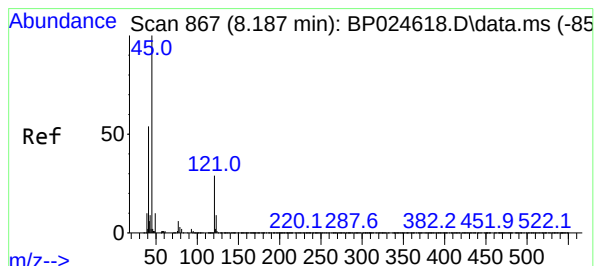
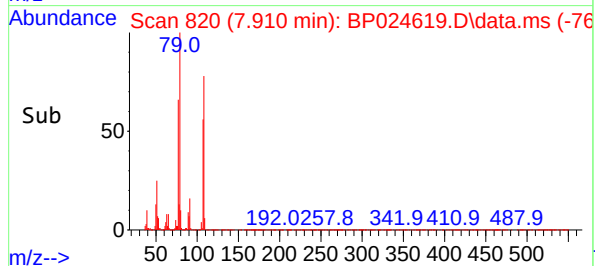
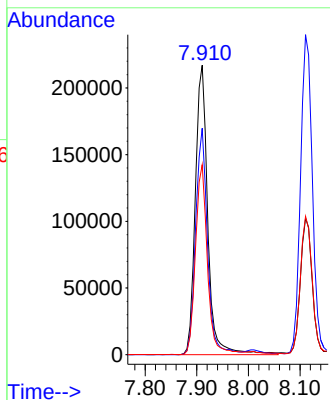
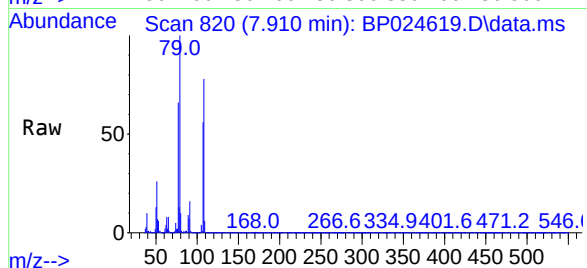
Tgt Ion: 79 Resp: 363689

Ion Ratio Lower Upper

79 100

108 78.2 60.8 91.2

77 65.6 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.33 ng

RT: 8.181 min Scan# 866

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

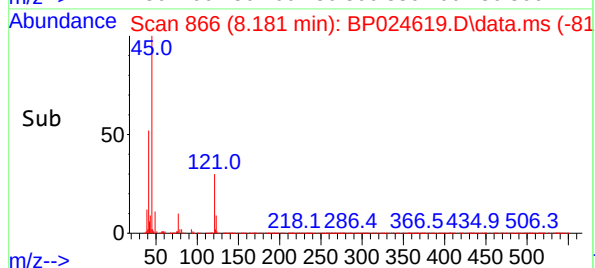
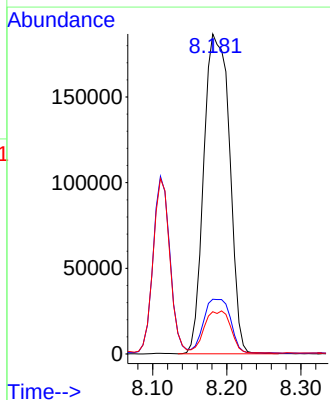
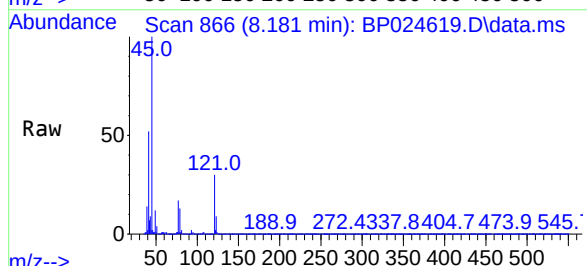
Tgt Ion: 45 Resp: 450215

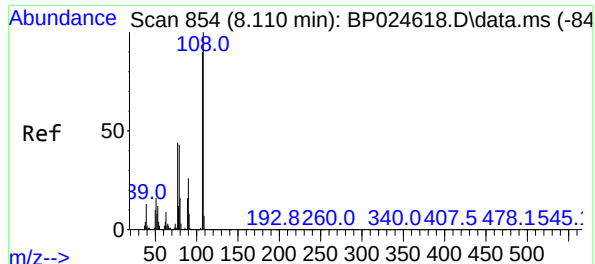
Ion Ratio Lower Upper

45 100

77 17.1 0.0 37.7

79 13.2 0.0 34.0





#17

2-Methylphenol

Concen: 56.40 ng

RT: 8.110 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 347065

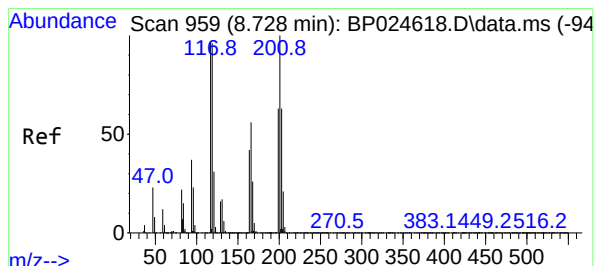
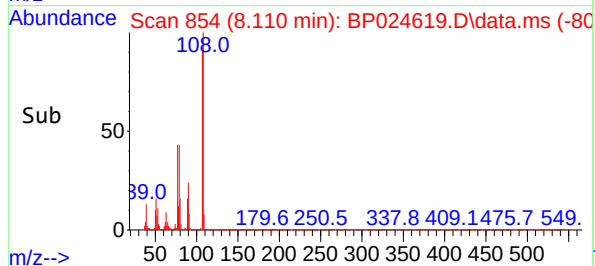
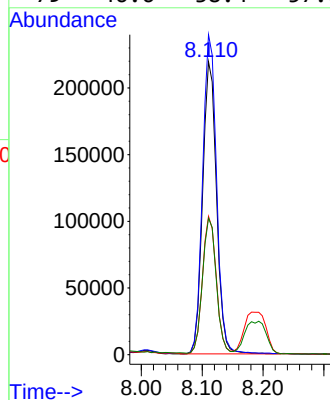
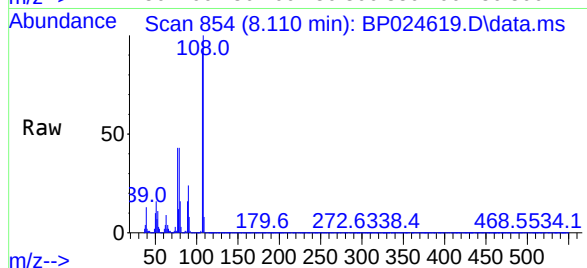
Ion Ratio Lower Upper

107 100

108 109.2 88.9 133.3

77 47.2 39.0 58.6

79 46.6 38.4 57.6



#18

Hexachloroethane

Concen: 52.95 ng

RT: 8.728 min Scan# 959

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

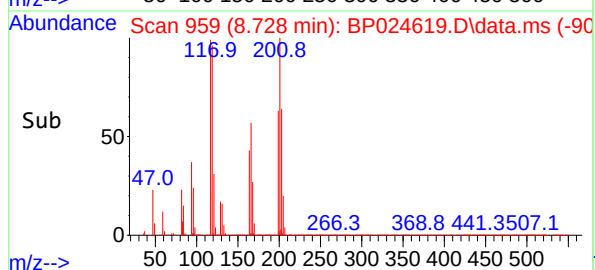
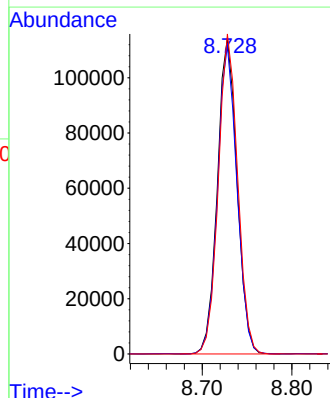
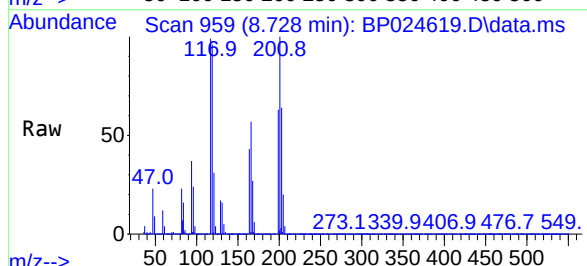
Tgt Ion:117 Resp: 173580

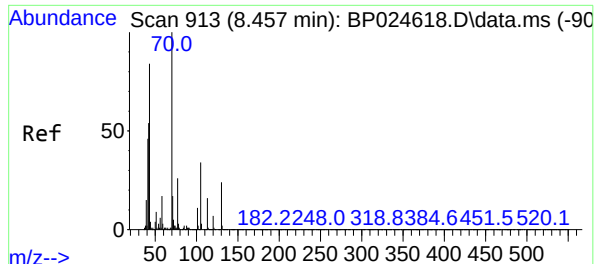
Ion Ratio Lower Upper

117 100

119 97.5 79.4 119.0

201 101.3 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 55.32 ng

RT: 8.463 min Scan# 913

Delta R.T. 0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 318058

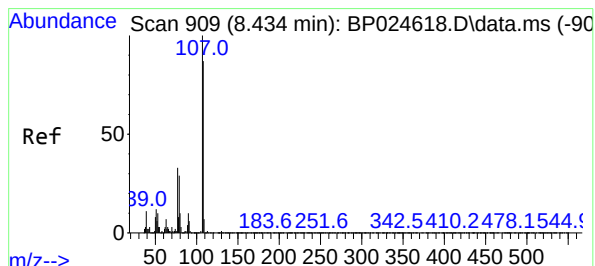
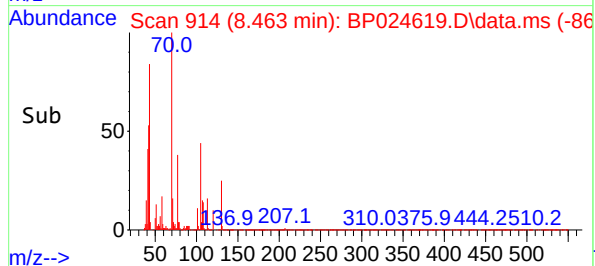
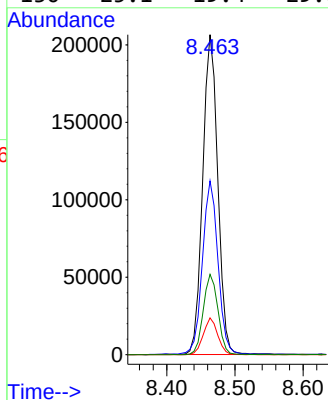
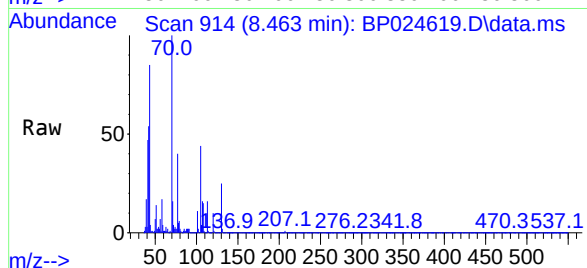
Ion Ratio Lower Upper

70 100

42 54.3 43.0 64.6

101 11.5 8.7 13.1

130 25.1 19.4 29.0



#20

3+4-Methylphenols

Concen: 56.64 ng

RT: 8.440 min Scan# 910

Delta R.T. 0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Tgt Ion: 107 Resp: 474048

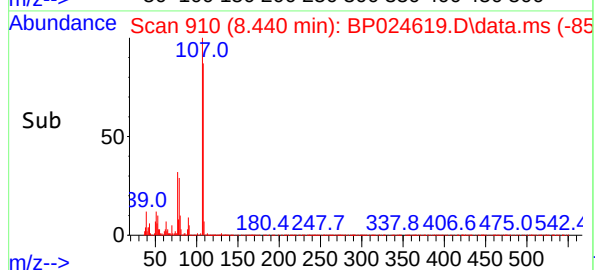
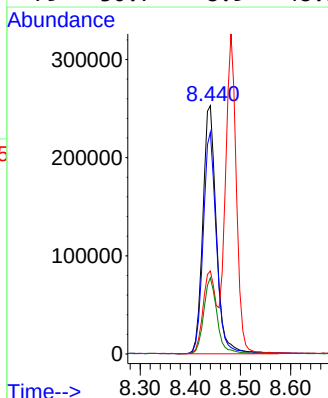
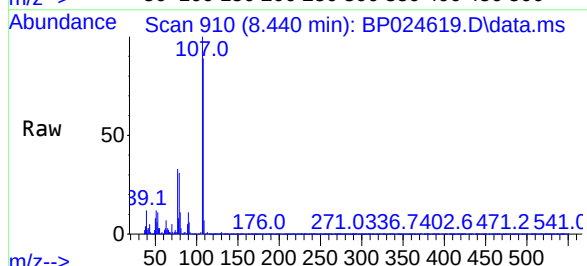
Ion Ratio Lower Upper

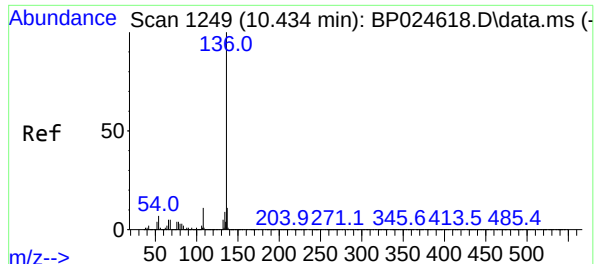
107 100

108 89.3 66.7 106.7

77 33.4 13.1 53.1

79 30.7 8.9 48.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.434 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 489806

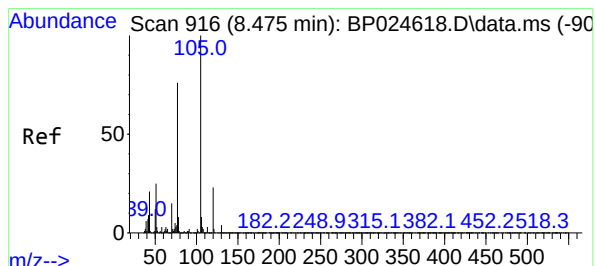
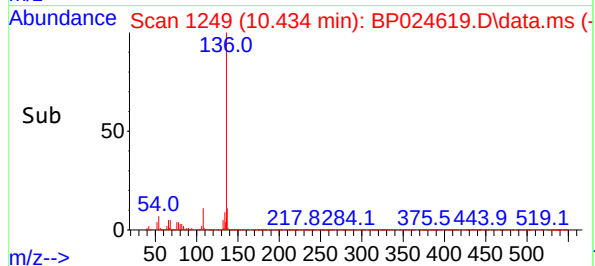
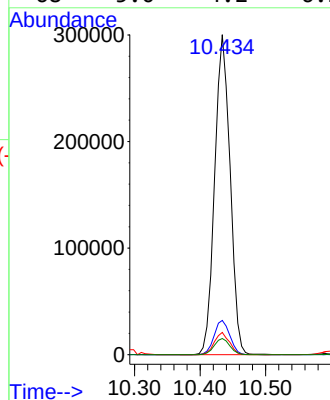
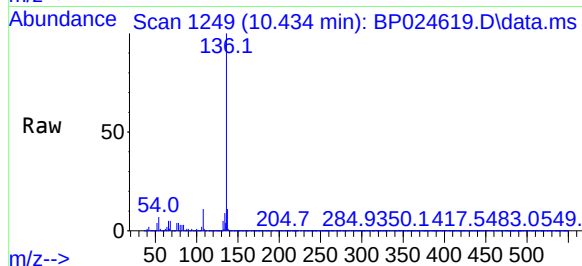
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.0 5.5 8.3

68 5.0 4.2 6.2



#22

Acetophenone

Concen: 53.44 ng

RT: 8.481 min Scan# 917

Delta R.T. 0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Tgt Ion:105 Resp: 653878

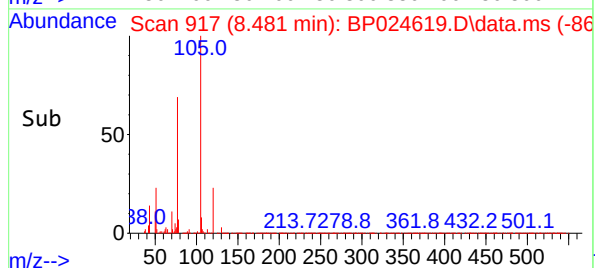
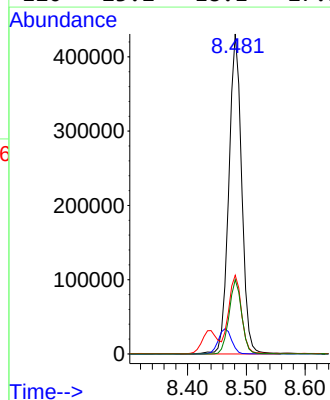
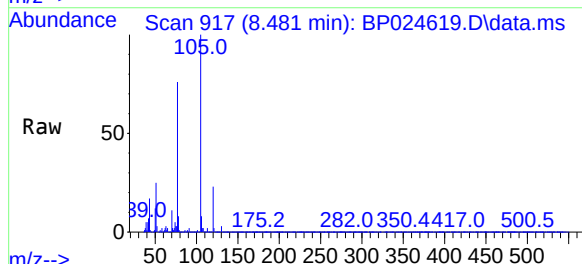
Ion Ratio Lower Upper

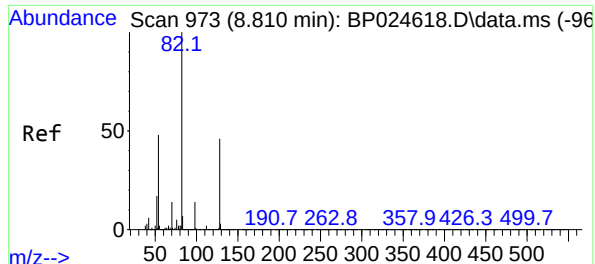
105 100

71 1.9 2.0 3.0#

51 24.6 20.4 30.6

120 23.2 18.1 27.1





#23

Nitrobenzene-d5

Concen: 108.26 ng

RT: 8.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

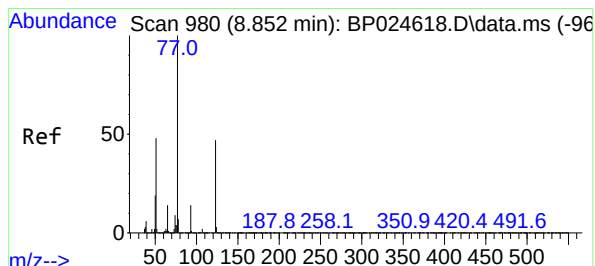
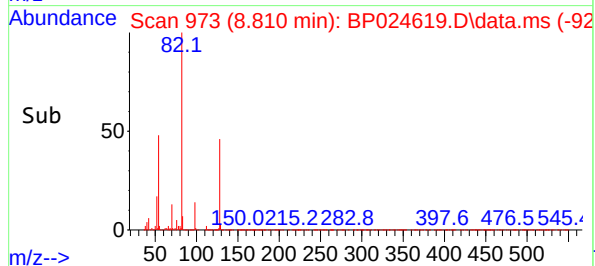
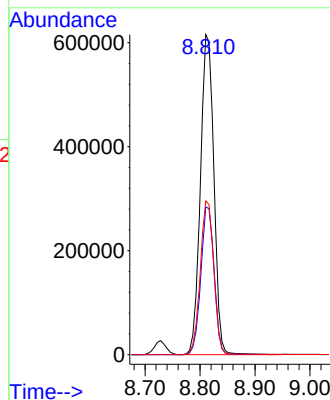
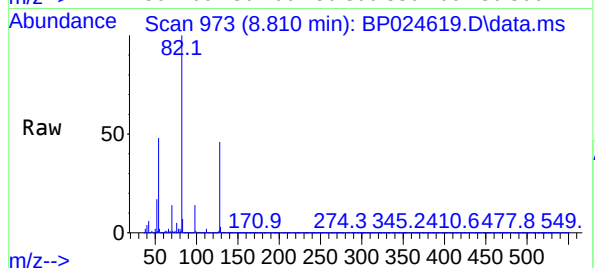
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1049445

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.4
54	48.0	38.7	58.1



#24

Nitrobenzene

Concen: 53.56 ng

RT: 8.852 min Scan# 980

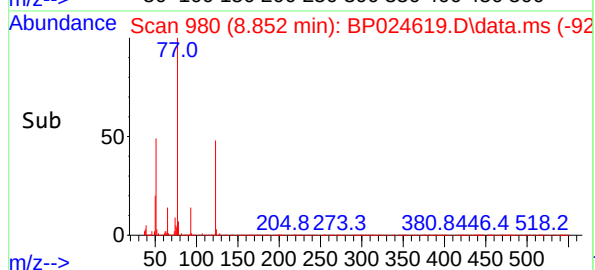
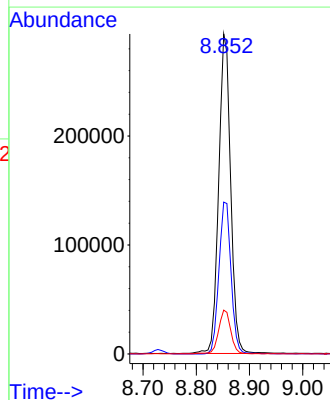
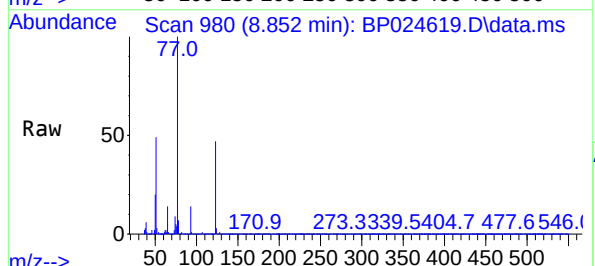
Delta R.T. 0.000 min

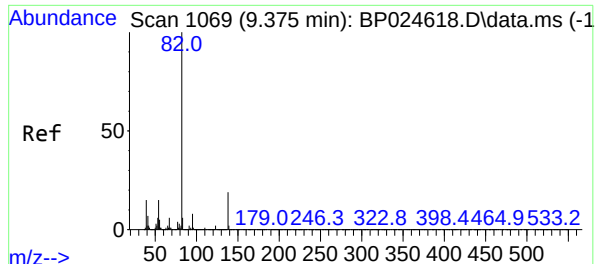
Lab File: BP024619.D

Acq: 13 May 2025 14:05

Tgt Ion: 77 Resp: 456929

Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.4	56.0
65	13.7	11.3	16.9





#25

Isophorone

Concen: 54.82 ng

RT: 9.375 min Scan# 1069

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

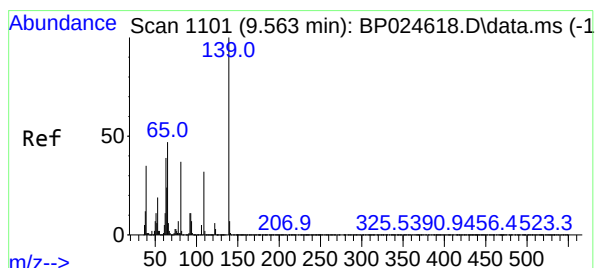
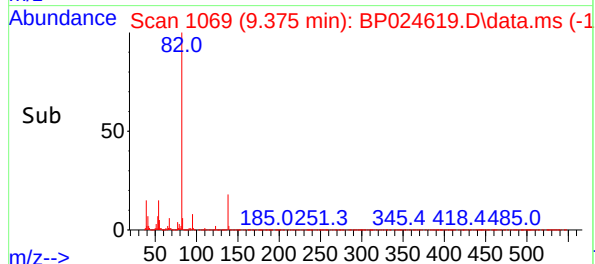
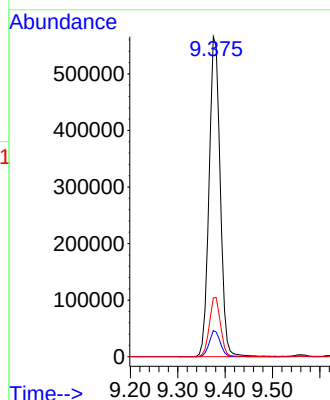
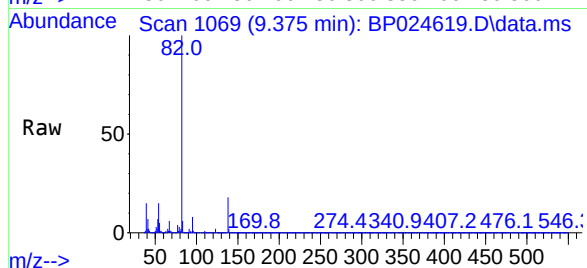
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 921892

Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.3	9.5
138	18.3	15.3	22.9



#26

2-Nitrophenol

Concen: 57.38 ng

RT: 9.557 min Scan# 1100

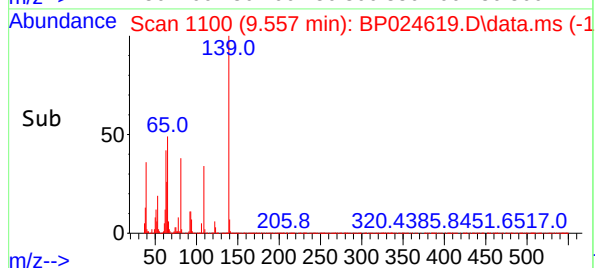
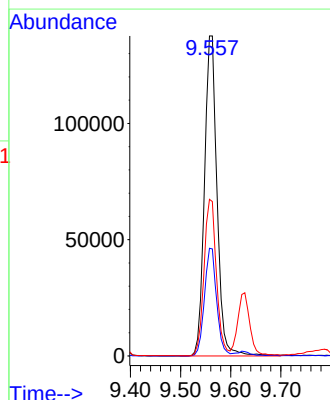
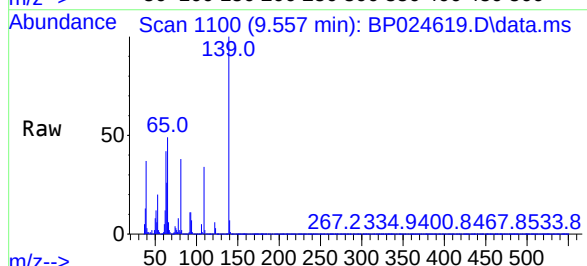
Delta R.T. -0.006 min

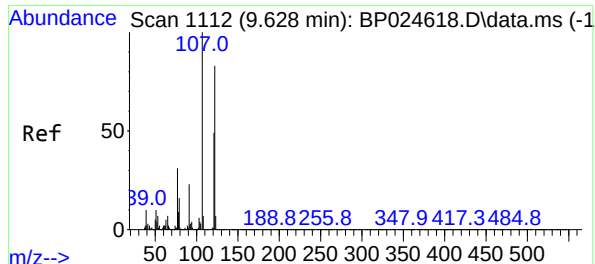
Lab File: BP024619.D

Acq: 13 May 2025 14:05

Tgt Ion: 139 Resp: 239844

Ion	Ratio	Lower	Upper
139	100		
109	33.6	25.9	38.9
65	49.0	37.9	56.9





#27

2,4-Dimethylphenol

Concen: 54.62 ng

RT: 9.628 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

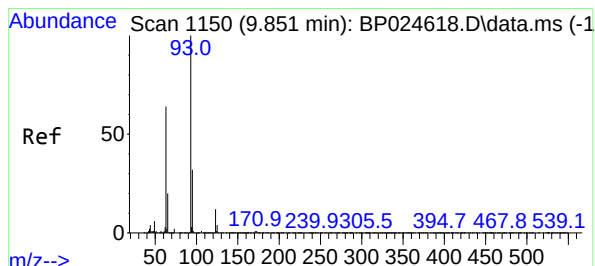
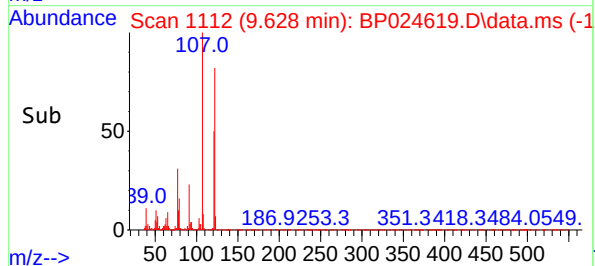
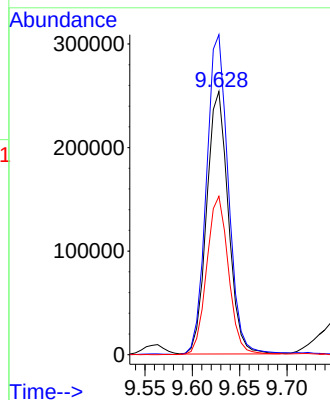
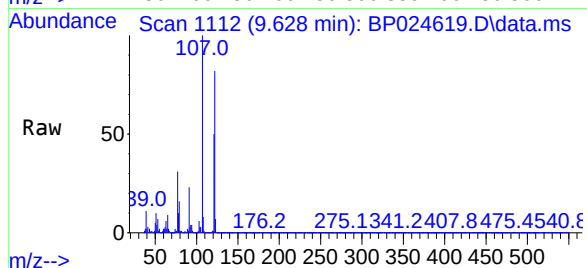
Tgt Ion:122 Resp: 402585

Ion Ratio Lower Upper

122 100

107 121.6 96.2 144.2

121 60.2 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 54.01 ng

RT: 9.852 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

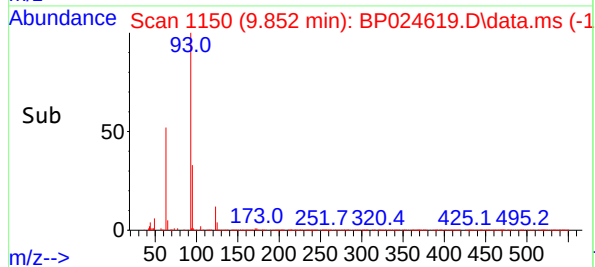
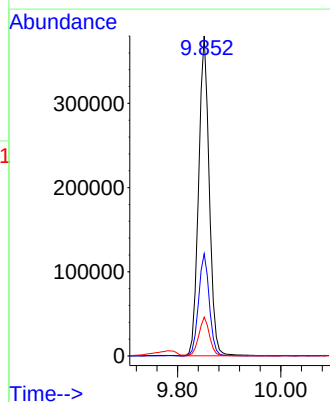
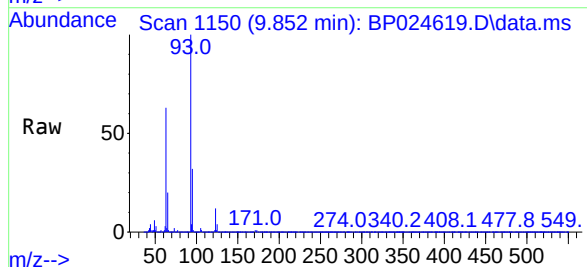
Tgt Ion: 93 Resp: 542581

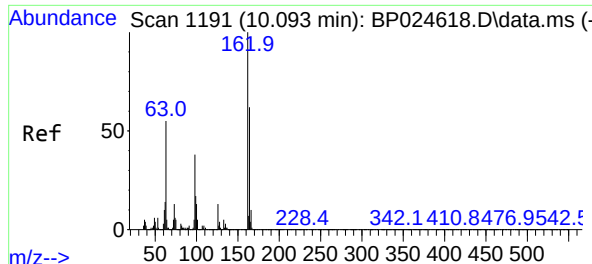
Ion Ratio Lower Upper

93 100

95 31.9 25.5 38.3

123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 56.14 ng

RT: 10.099 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

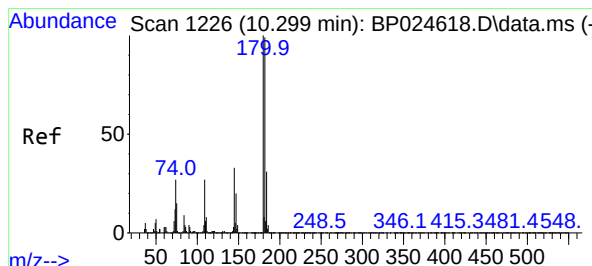
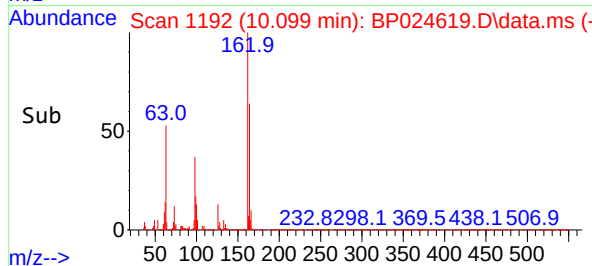
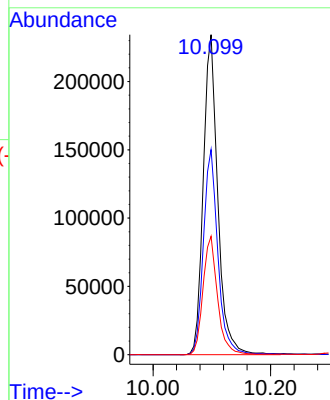
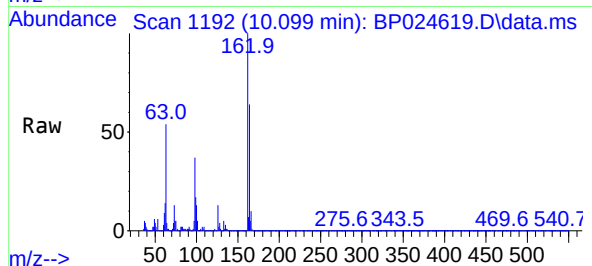
Tgt Ion:162 Resp: 400983

Ion Ratio Lower Upper

162 100

164 64.1 42.3 82.3

98 37.0 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 52.75 ng

RT: 10.299 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

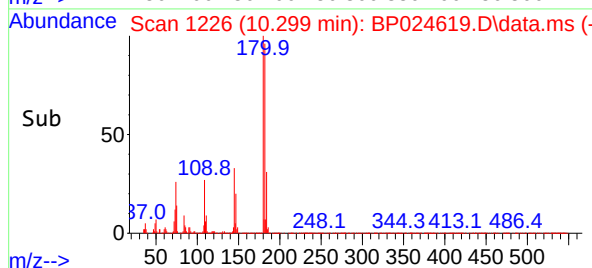
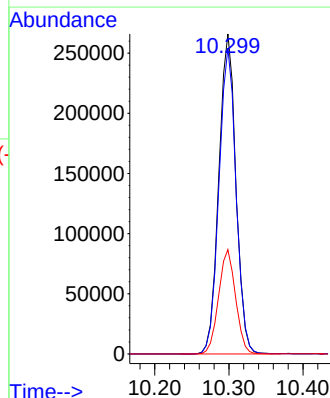
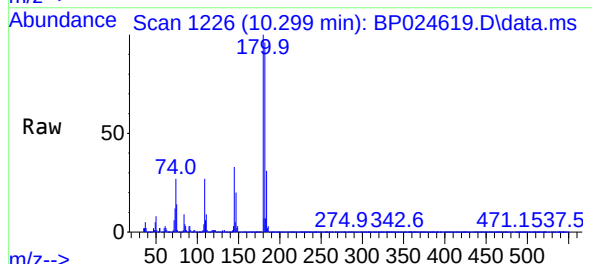
Tgt Ion:180 Resp: 424561

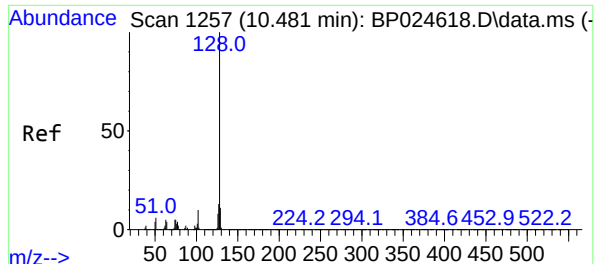
Ion Ratio Lower Upper

180 100

182 95.5 79.0 118.4

145 32.6 26.6 39.8





#31

Naphthalene

Concen: 52.65 ng

RT: 10.481 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

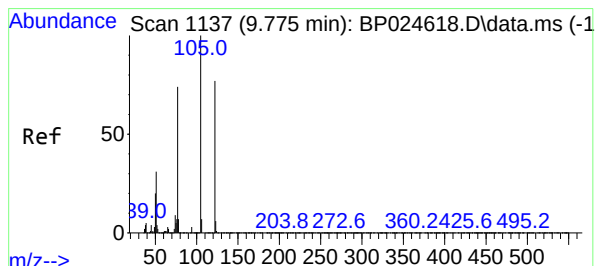
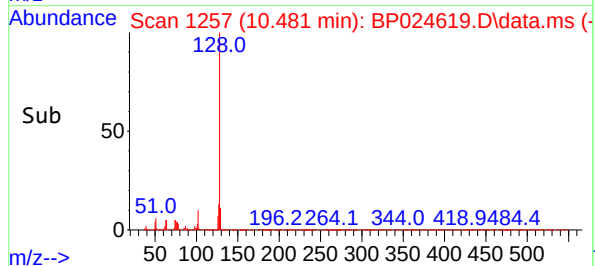
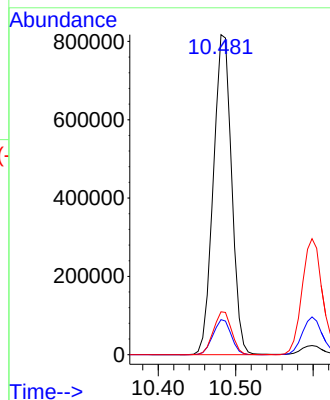
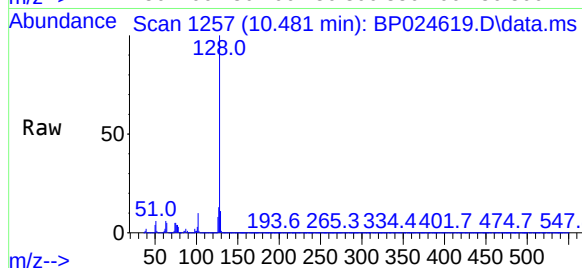
Tgt Ion:128 Resp: 1336265

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.4 10.7 16.1



#32

Benzoic acid

Concen: 50.71 ng

RT: 9.787 min Scan# 1139

Delta R.T. 0.012 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

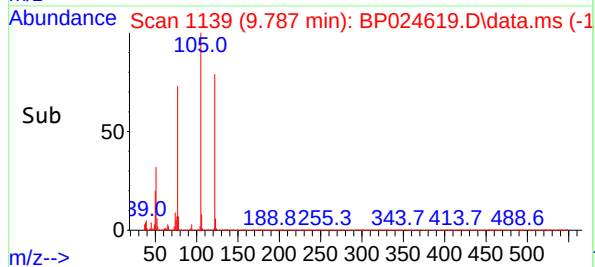
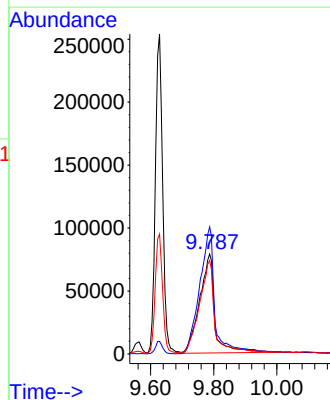
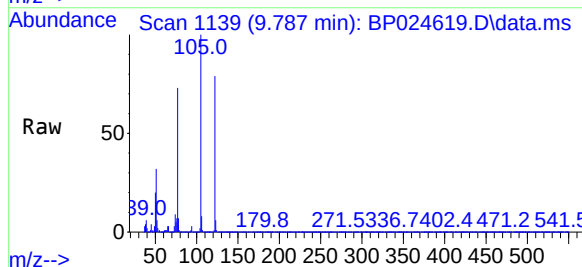
Tgt Ion:122 Resp: 263657

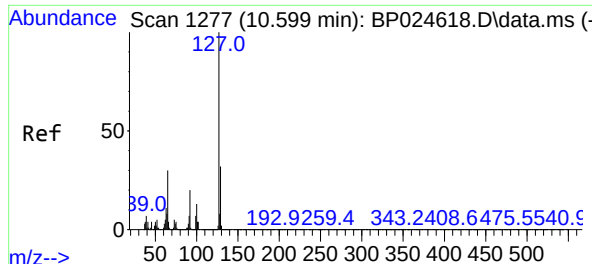
Ion Ratio Lower Upper

122 100

105 127.2 106.9 146.9

77 93.3 75.1 115.1

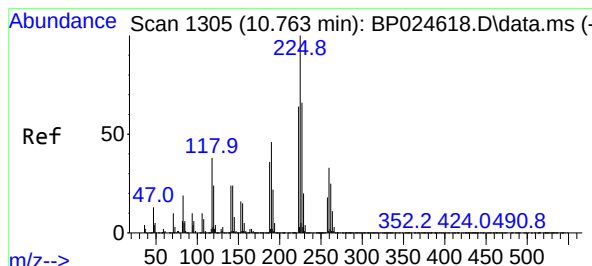
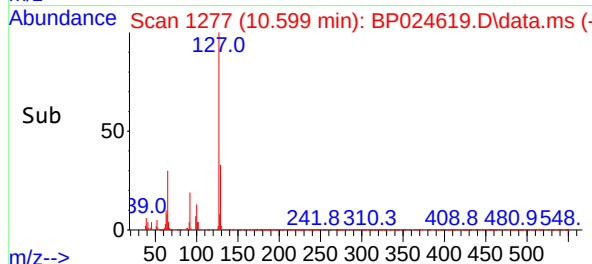
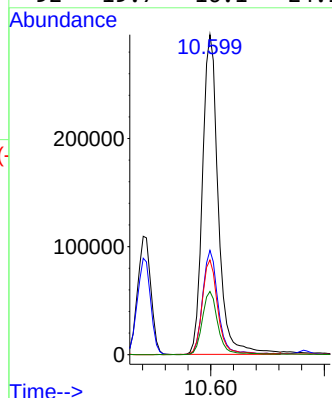
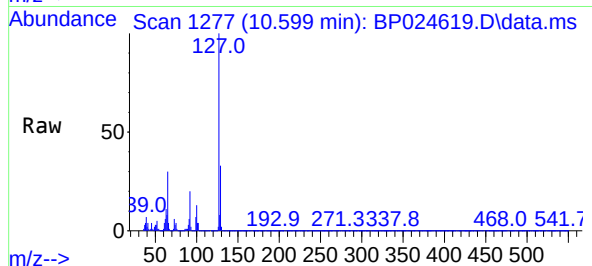




#33
4-Chloroaniline
Concen: 55.63 ng
RT: 10.599 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

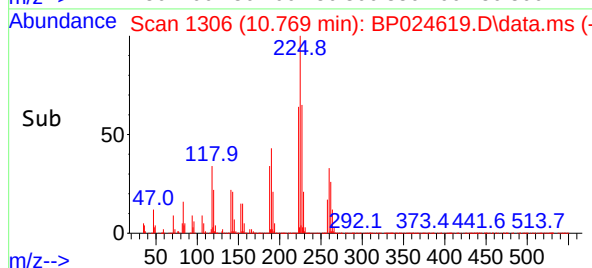
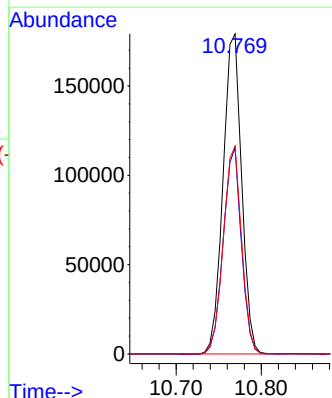
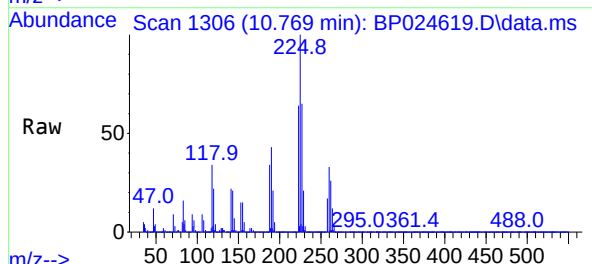
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

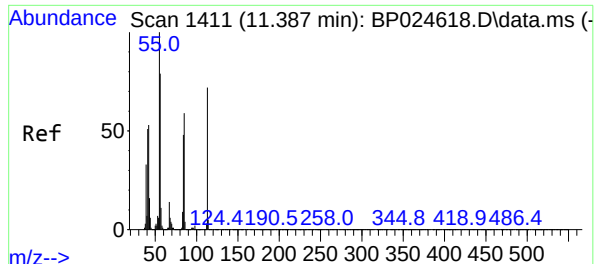
Tgt Ion:	127	Resp:	569812
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	29.6	23.9	35.9
92	19.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 52.09 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:	225	Resp:	271578
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	64.9	53.1	79.7

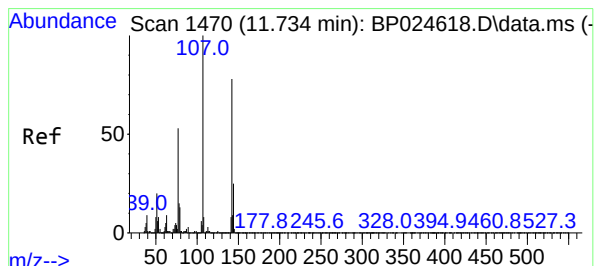
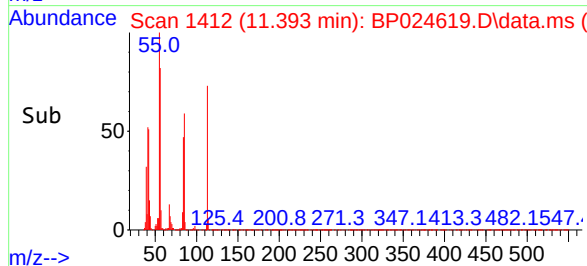
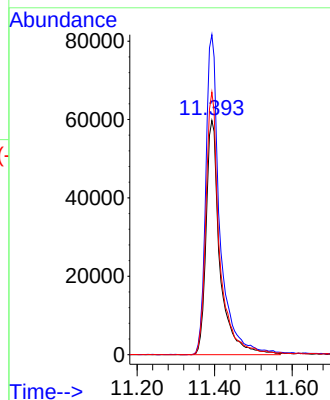
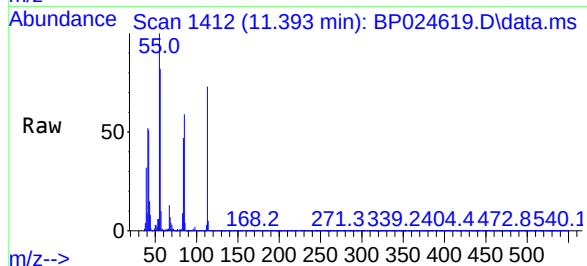




#35
Caprolactam
Concen: 57.53 ng
RT: 11.393 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

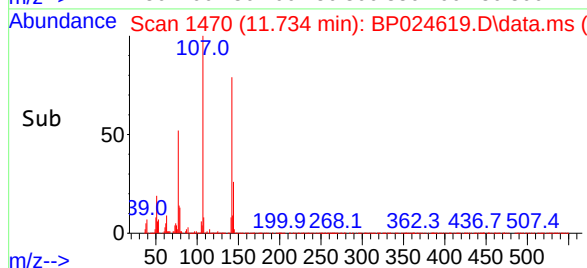
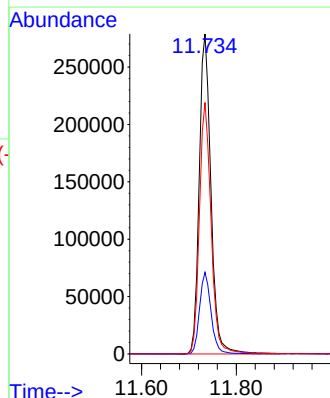
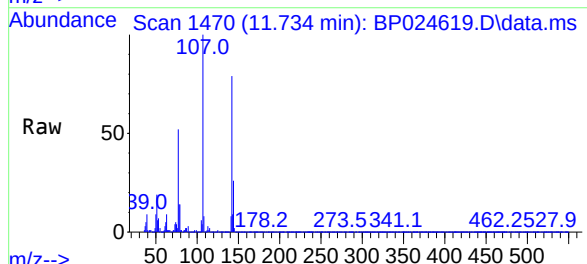
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

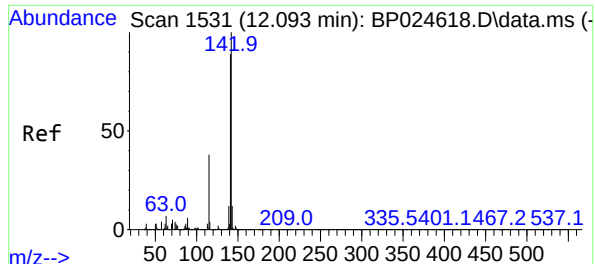
Tgt Ion:113 Resp: 148586
Ion Ratio Lower Upper
113 100
55 136.6 119.0 159.0
56 112.0 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 54.97 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:107 Resp: 478787
Ion Ratio Lower Upper
107 100
144 25.5 20.1 30.1
142 78.6 62.1 93.1

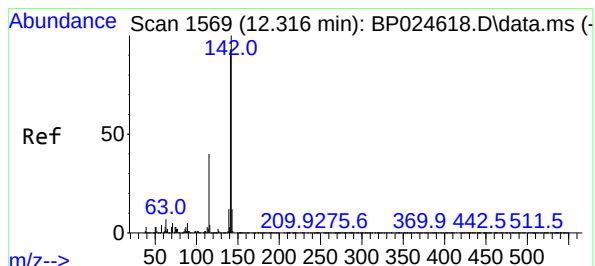
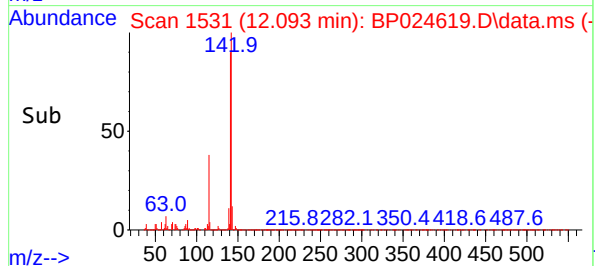
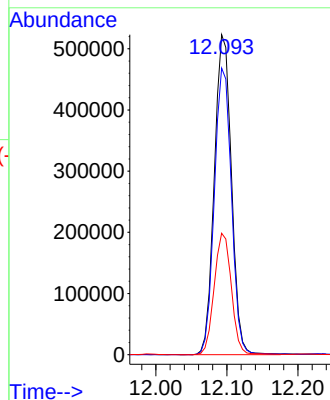
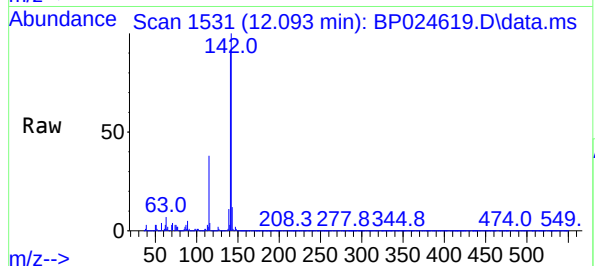




#37
2-Methylnaphthalene
Concen: 53.13 ng
RT: 12.093 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

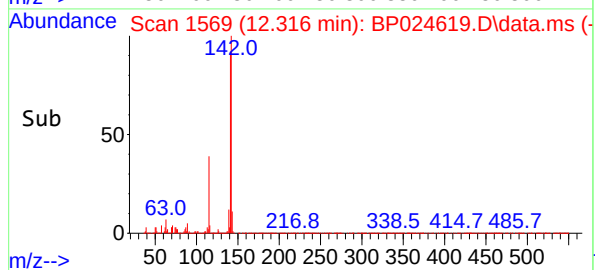
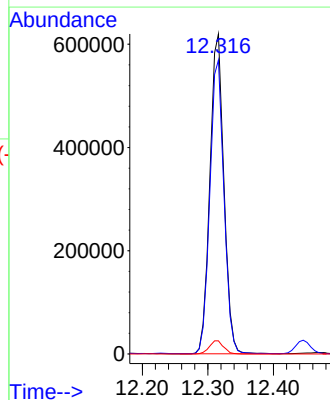
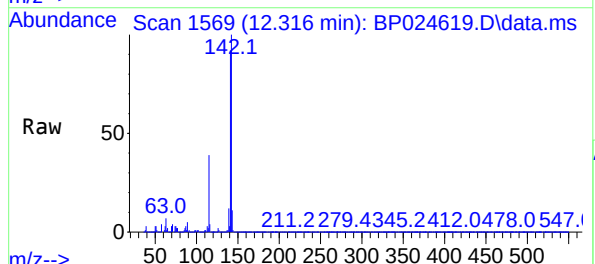
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

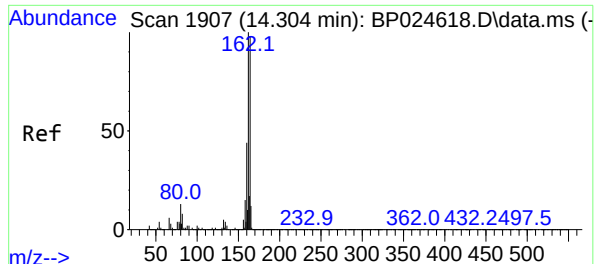
Tgt Ion:142 Resp: 873274
Ion Ratio Lower Upper
142 100
141 89.6 71.2 106.8
115 37.9 30.6 46.0



#38
1-Methylnaphthalene
Concen: 52.31 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:142 Resp: 919827
Ion Ratio Lower Upper
142 100
141 91.9 74.7 112.1
116 4.1 3.4 5.2

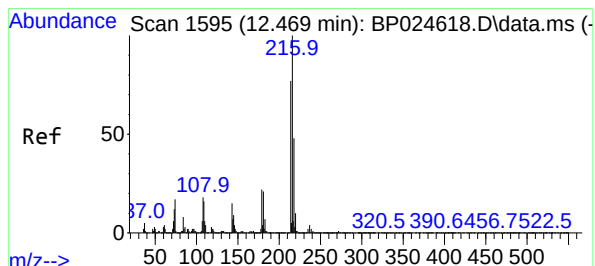
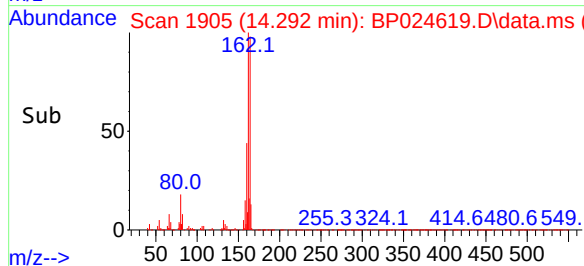
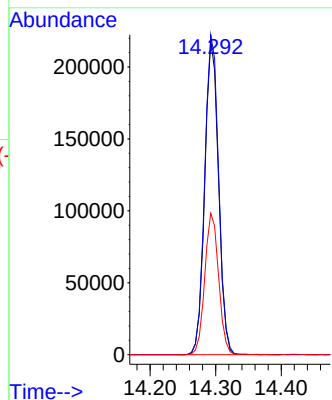
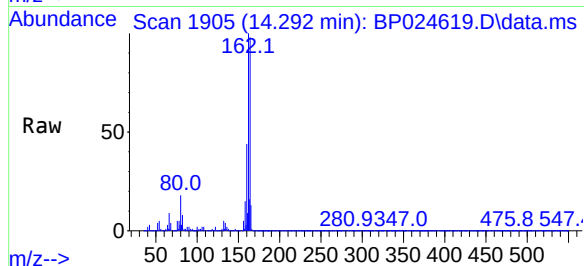




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

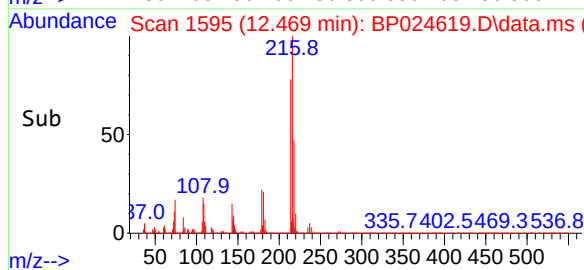
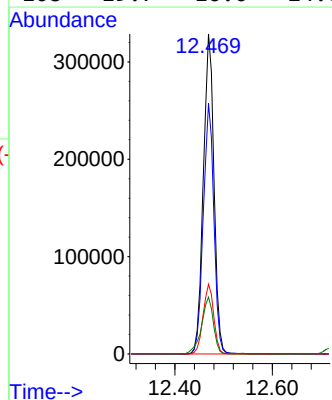
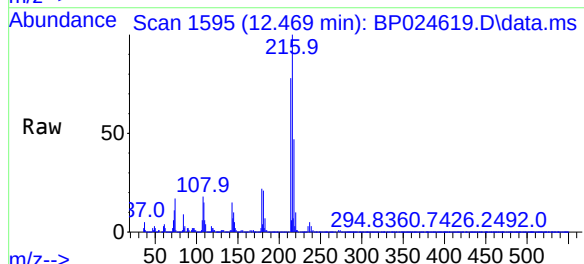
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

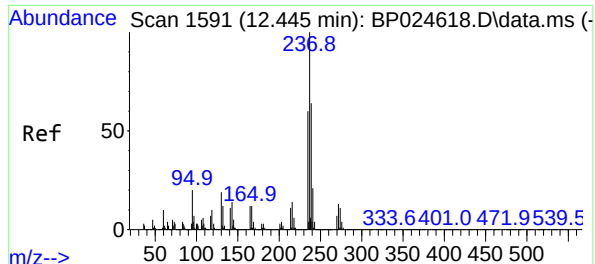
Tgt Ion:164 Resp: 318760
Ion Ratio Lower Upper
164 100
162 101.9 81.8 122.6
160 45.1 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.78 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:216 Resp: 497848
Ion Ratio Lower Upper
216 100
214 78.0 62.3 93.5
179 21.9 17.7 26.5
108 19.7 16.0 24.0

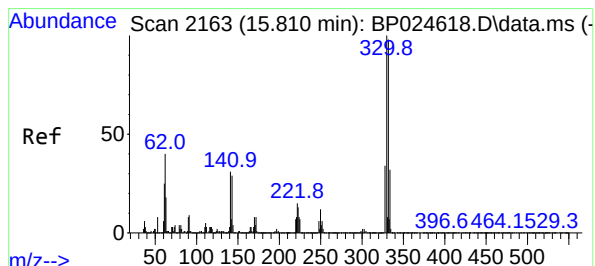
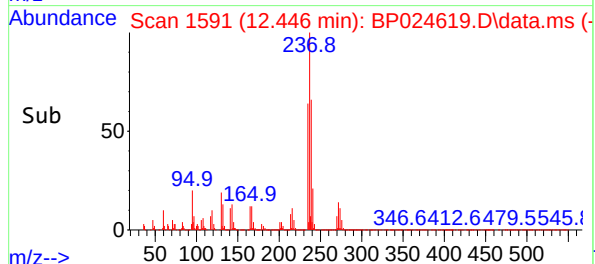
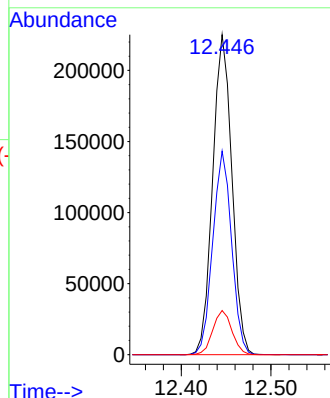
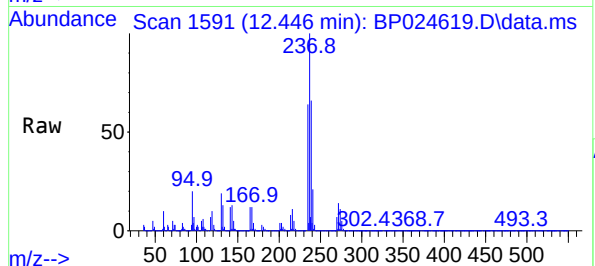




#41
Hexachlorocyclopentadiene
Concen: 59.64 ng
RT: 12.446 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

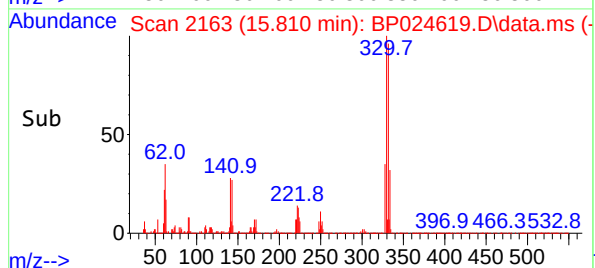
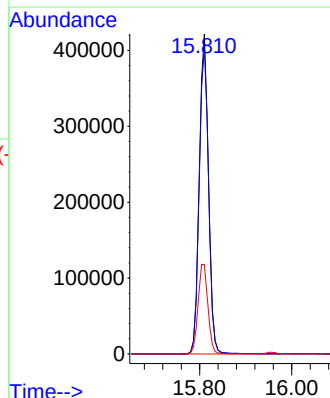
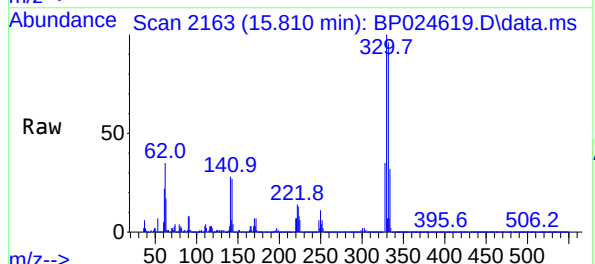
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

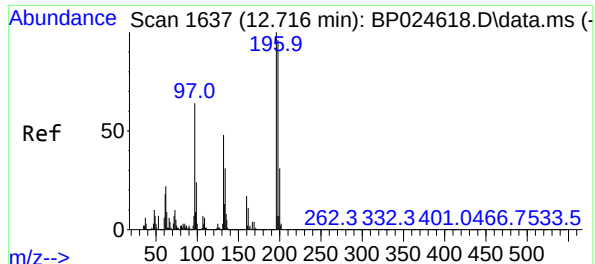
Tgt Ion: 237 Resp: 334752
Ion Ratio Lower Upper
237 100
235 63.6 39.9 79.9
272 13.8 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 108.72 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 330 Resp: 587523
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 29.7 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 56.89 ng

RT: 12.716 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

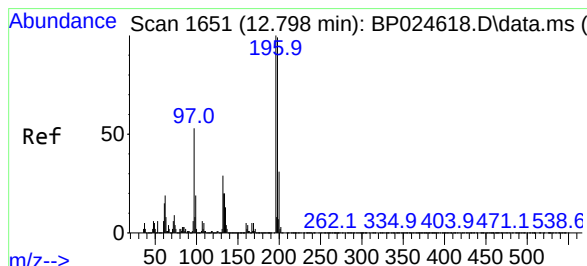
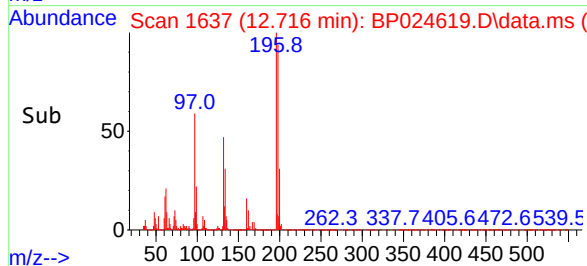
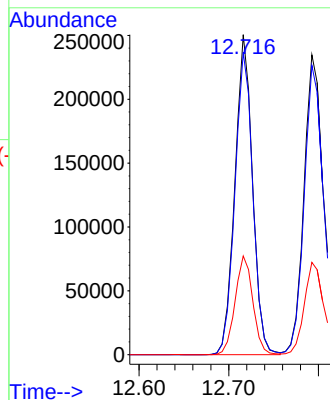
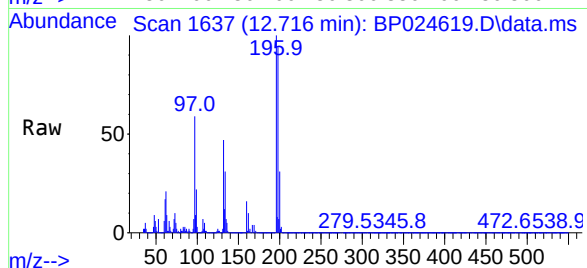
Tgt Ion:196 Resp: 341059

Ion Ratio Lower Upper

196 100

198 94.5 76.9 115.3

200 30.9 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 56.24 ng

RT: 12.793 min Scan# 1650

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Tgt Ion:196 Resp: 375330

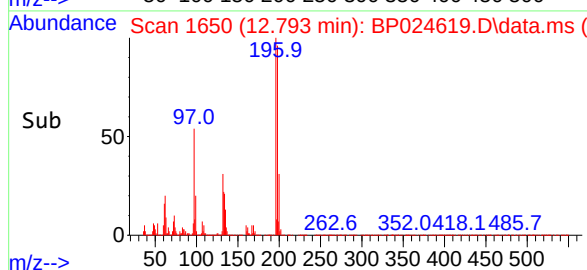
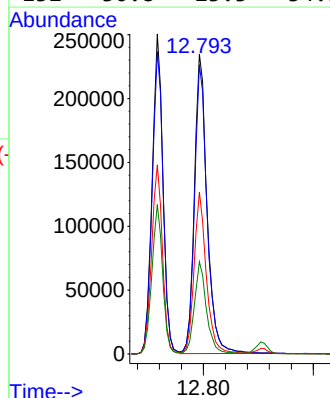
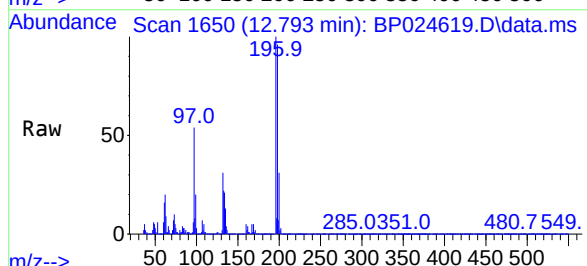
Ion Ratio Lower Upper

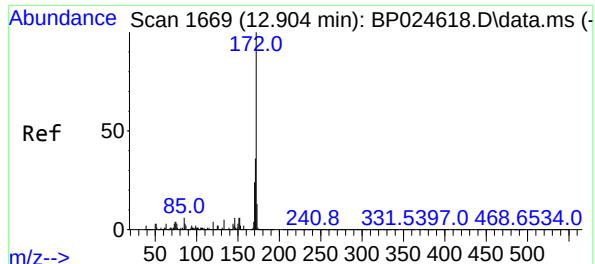
196 100

198 96.5 79.2 118.8

97 54.0 42.3 63.5

132 30.8 23.3 34.9

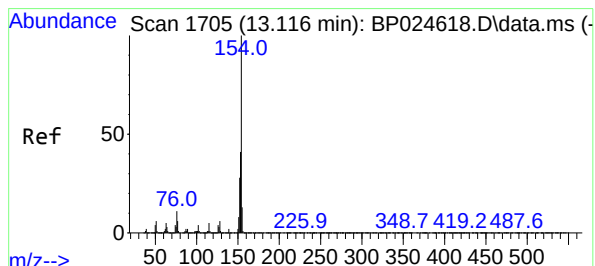
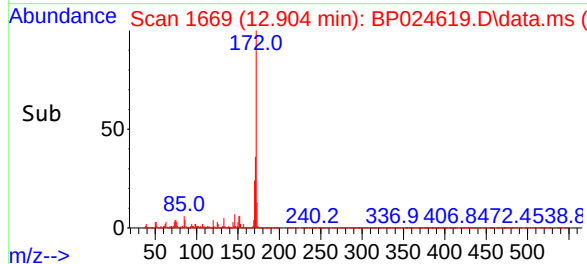
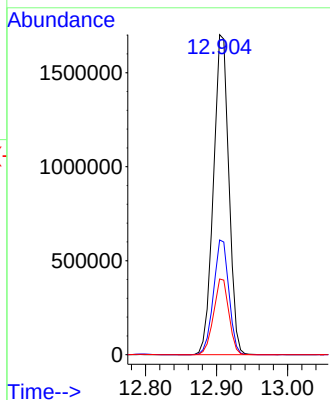
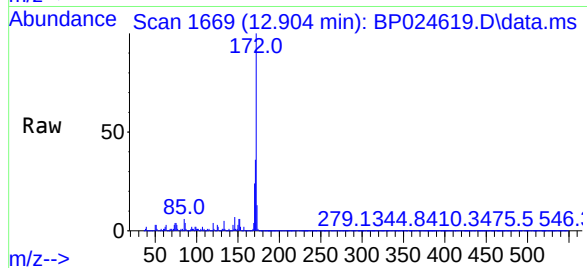




#45
2-Fluorobiphenyl
Concen: 104.96 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

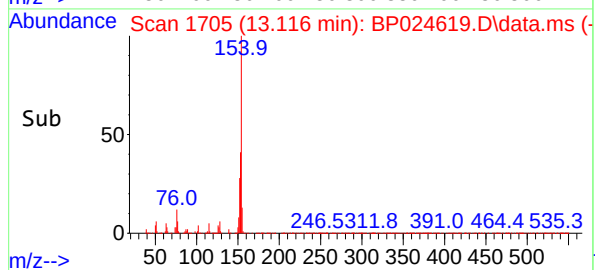
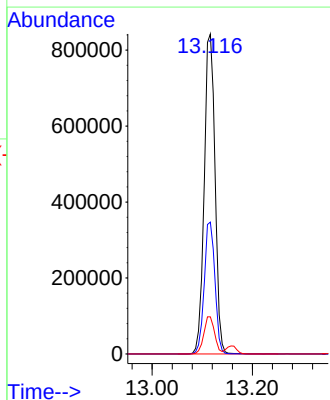
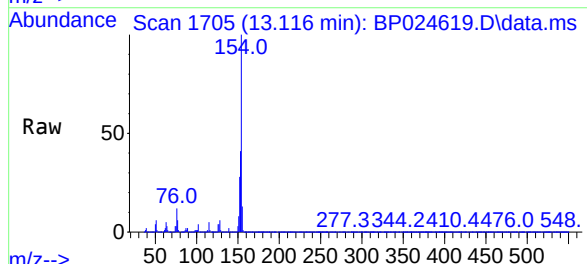
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

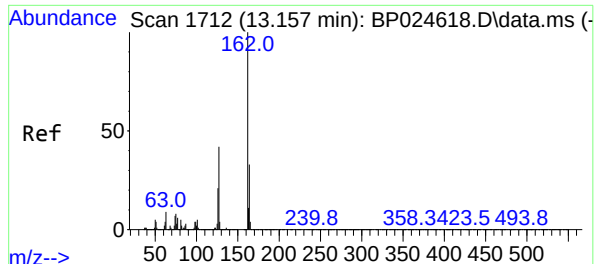
Tgt Ion:172 Resp: 2553765
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 53.64 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:154 Resp: 1263640
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 11.6 0.0 31.5





#47

2-Chloronaphthalene

Concen: 53.04 ng

RT: 13.157 min Scan# 1712

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

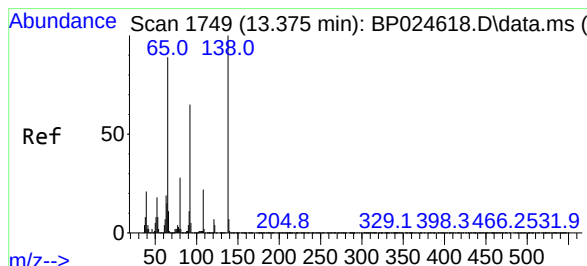
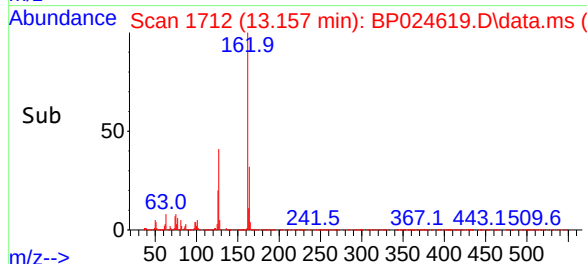
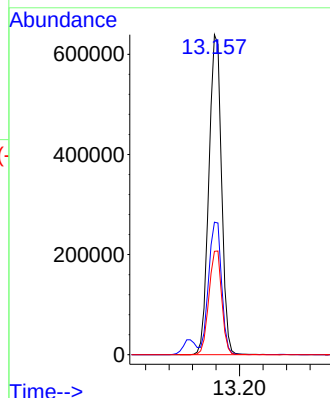
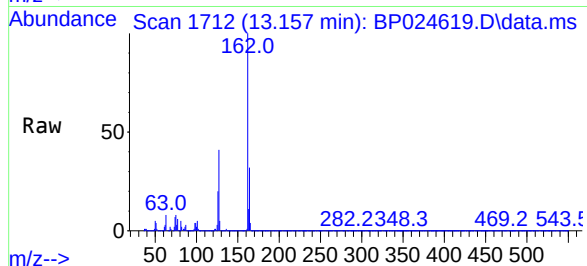
Tgt Ion:162 Resp: 952857

Ion Ratio Lower Upper

162 100

127 41.4 33.8 50.6

164 32.3 26.0 39.0



#48

2-Nitroaniline

Concen: 57.06 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

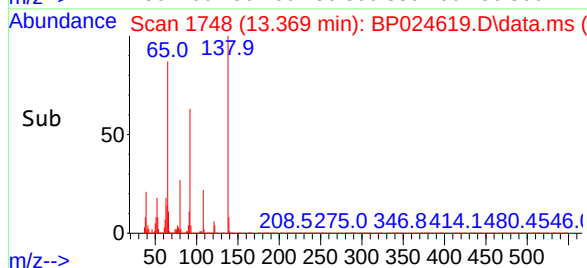
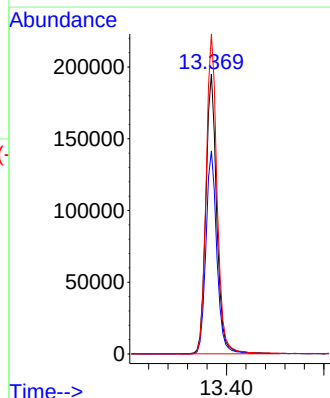
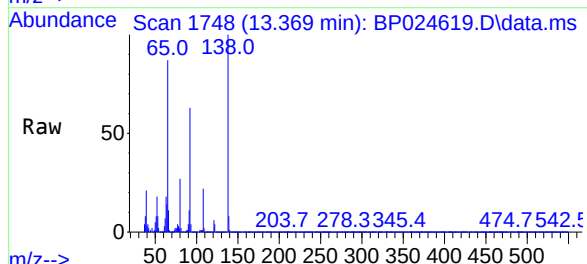
Tgt Ion: 65 Resp: 303475

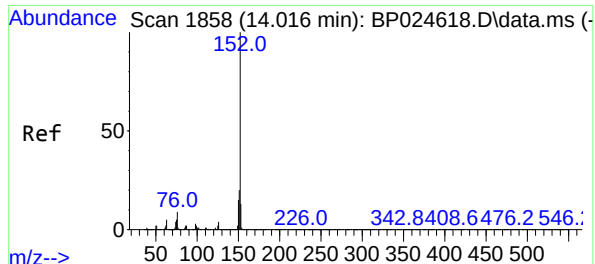
Ion Ratio Lower Upper

65 100

92 72.5 58.7 88.1

138 114.3 90.2 135.2





#49

Acenaphthylene

Concen: 53.79 ng

RT: 14.010 min Scan# 1857

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

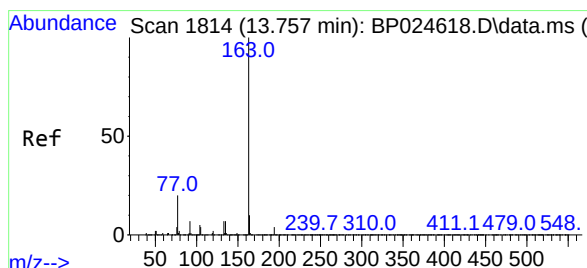
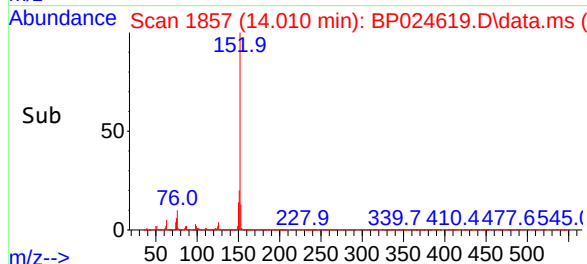
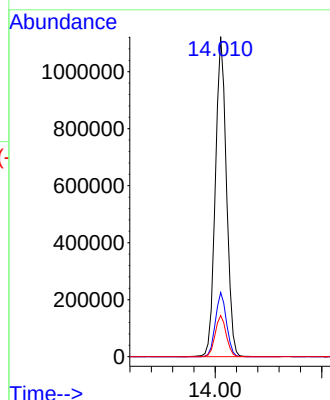
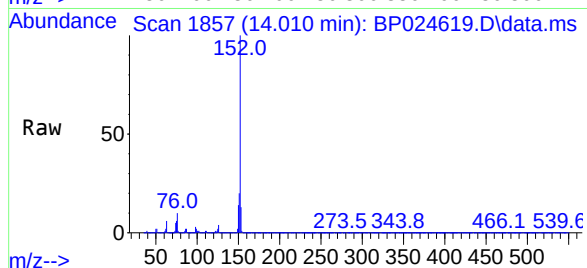
Tgt Ion:152 Resp: 1616938

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 12.9 10.2 15.4



#50

Dimethylphthalate

Concen: 52.83 ng

RT: 13.751 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

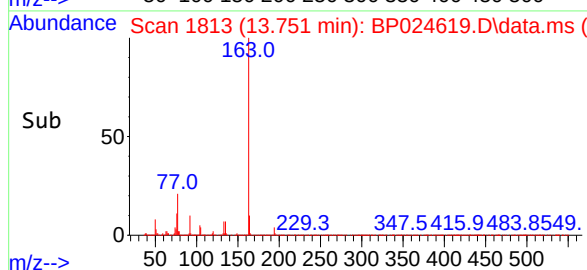
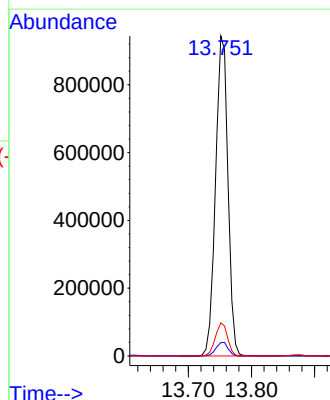
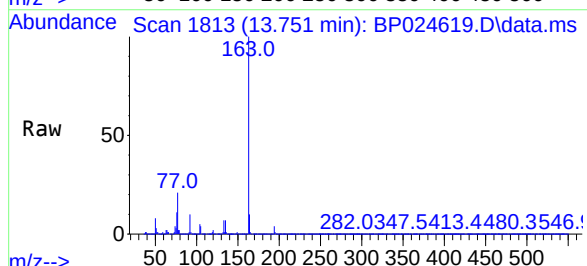
Tgt Ion:163 Resp: 1283491

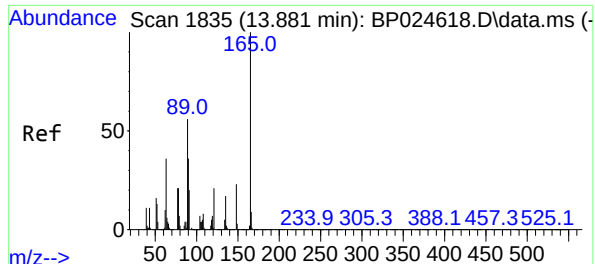
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.4 8.1 12.1

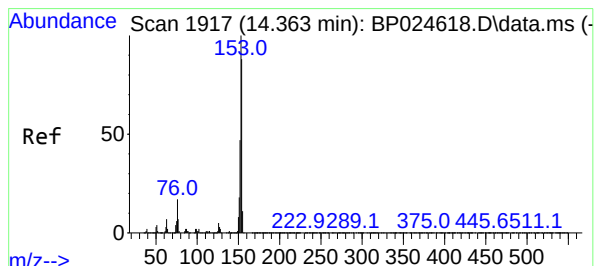
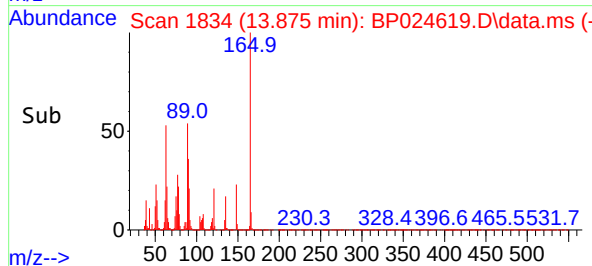
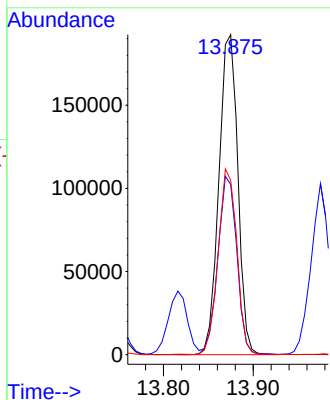
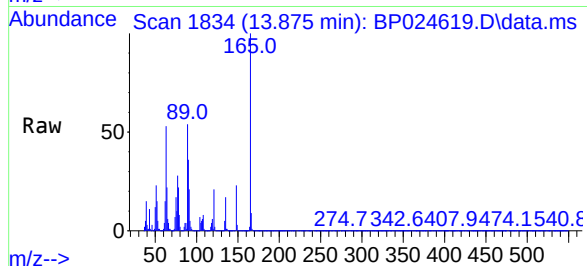




#51
2,6-Dinitrotoluene
Concen: 54.91 ng
RT: 13.875 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

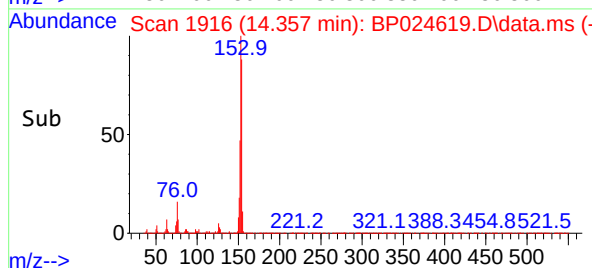
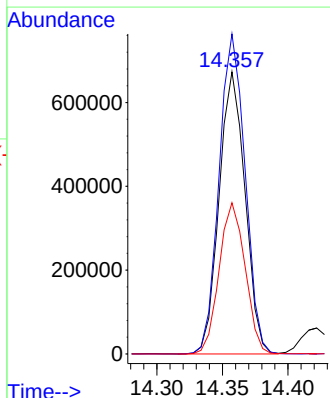
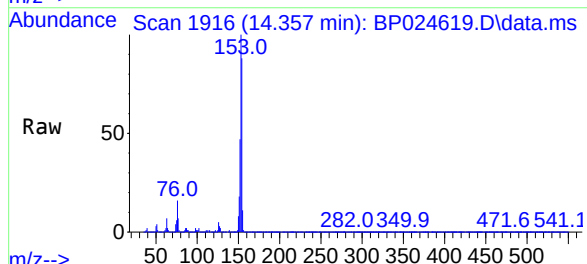
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

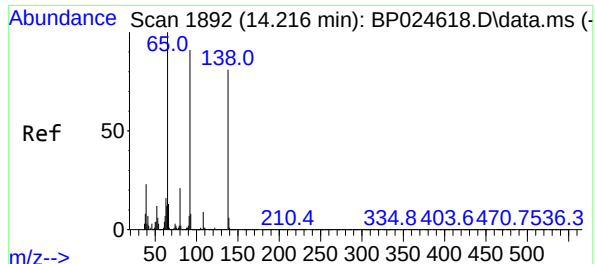
Tgt Ion:165 Resp: 281728
Ion Ratio Lower Upper
165 100
63 53.2 42.4 63.6
89 54.5 44.8 67.2



#52
Acenaphthene
Concen: 53.42 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:154 Resp: 923238
Ion Ratio Lower Upper
154 100
153 113.5 91.0 136.4
152 53.6 42.9 64.3

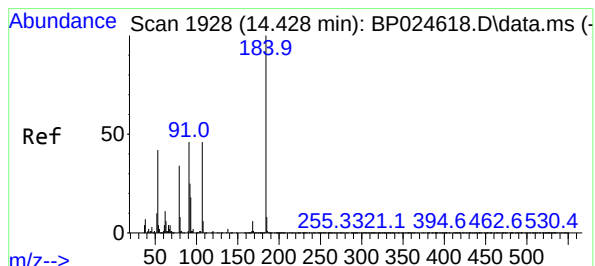
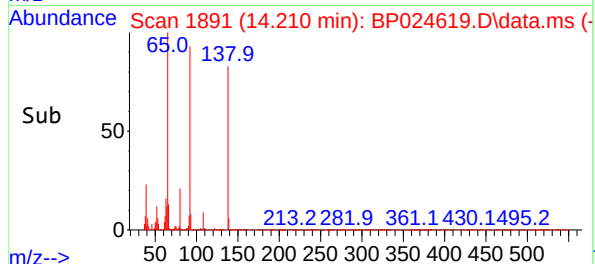
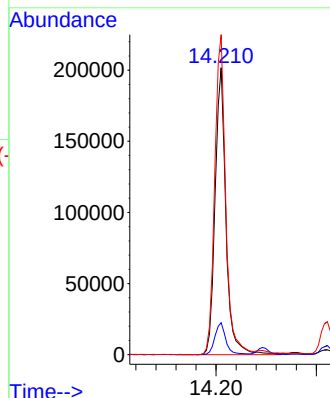
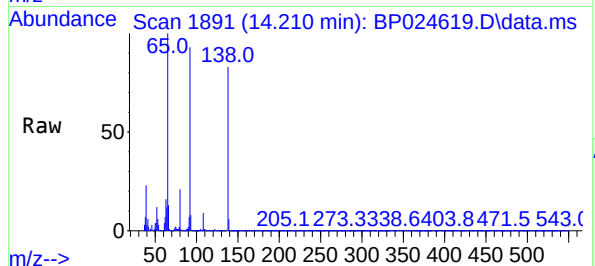




#53
3-Nitroaniline
Concen: 57.71 ng
RT: 14.210 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

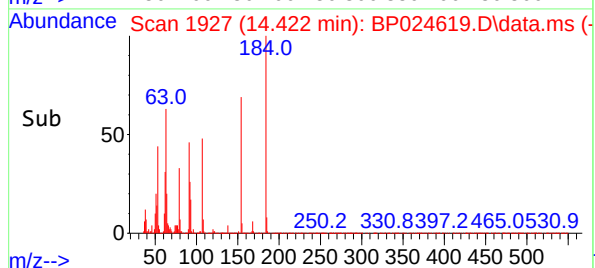
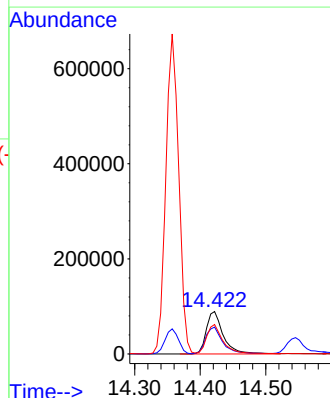
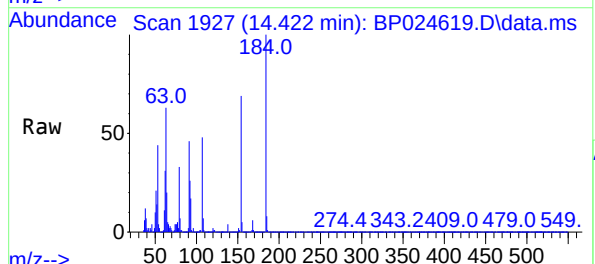
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

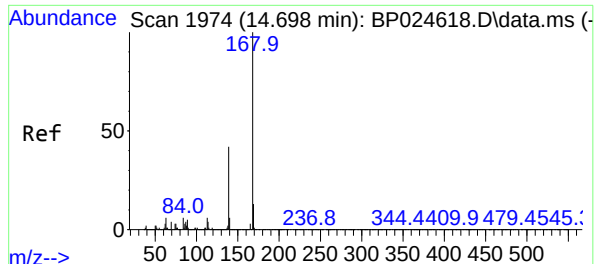
Tgt Ion:138 Resp: 302341
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 111.5 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 51.86 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:184 Resp: 159888
Ion Ratio Lower Upper
184 100
63 63.3 51.3 76.9
154 69.3 53.5 80.3





#55

Dibenzofuran

Concen: 52.50 ng

RT: 14.698 min Scan# 1974

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

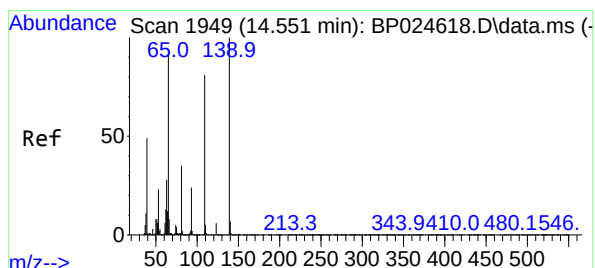
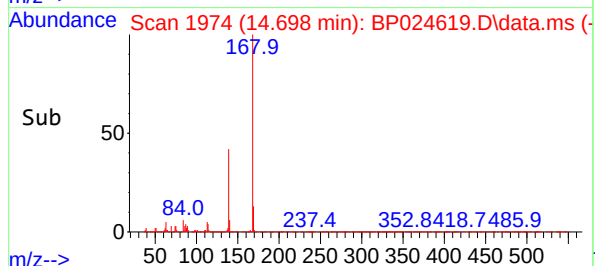
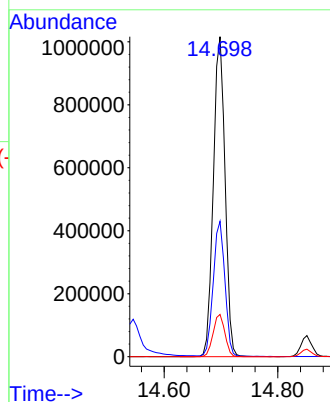
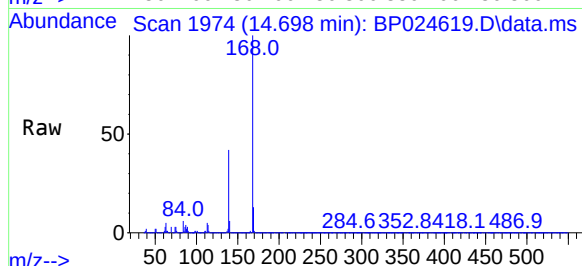
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:168 Resp: 1447333

Ion	Ratio	Lower	Upper
168	100		
139	42.3	34.2	51.4
169	13.2	10.8	16.2



#56

4-Nitrophenol

Concen: 53.99 ng

RT: 14.545 min Scan# 1948

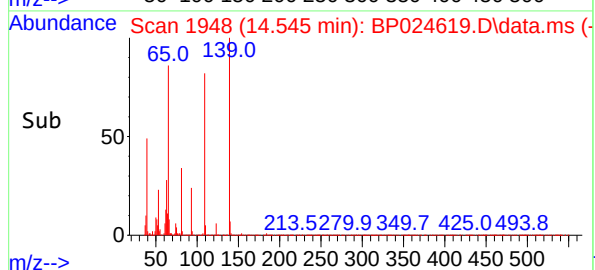
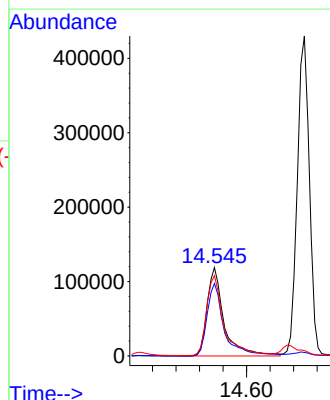
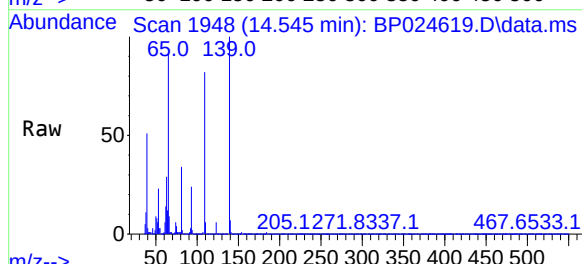
Delta R.T. -0.006 min

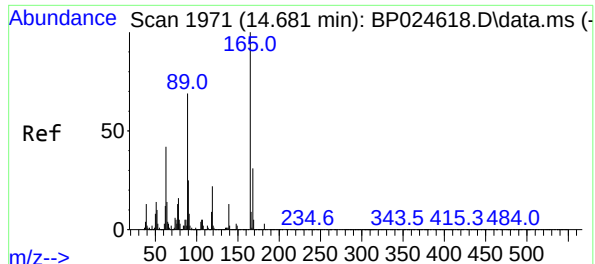
Lab File: BP024619.D

Acq: 13 May 2025 14:05

Tgt Ion:139 Resp: 238294

Ion	Ratio	Lower	Upper
139	100		
109	82.0	61.4	101.4
65	90.8	72.2	112.2

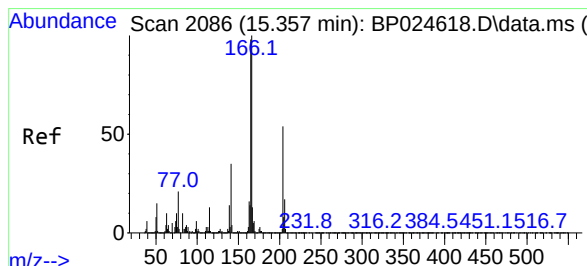
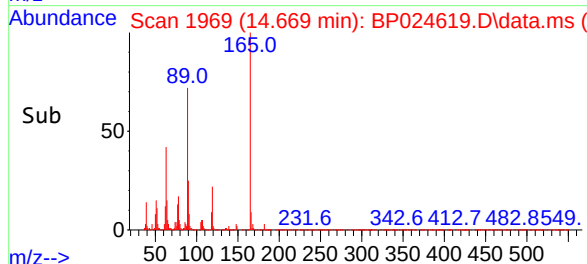
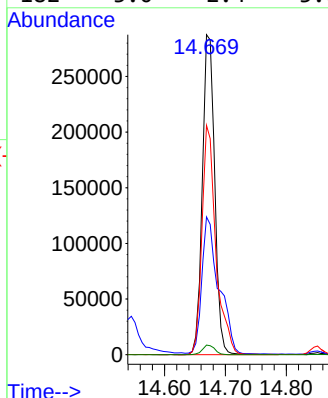
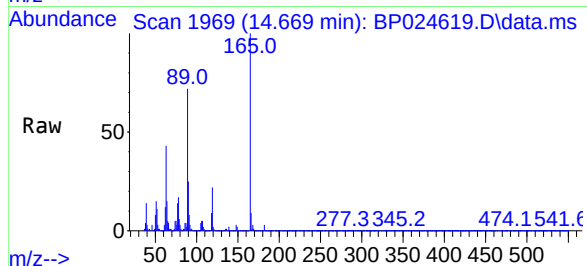




#57
2,4-Dinitrotoluene
Concen: 55.94 ng
RT: 14.669 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

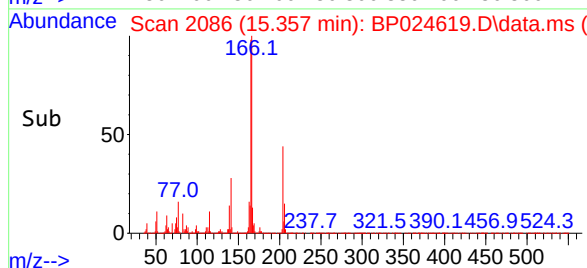
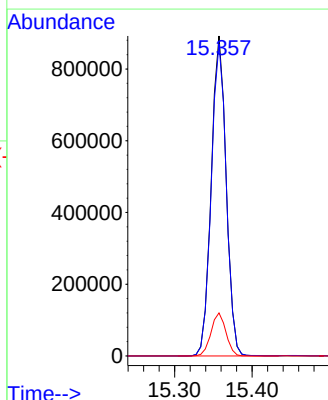
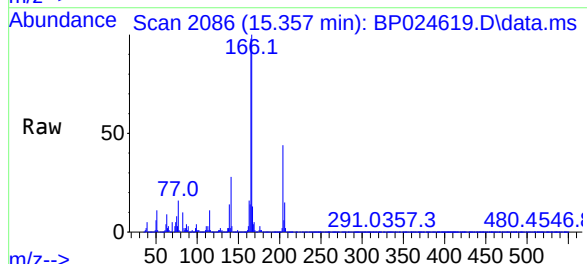
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

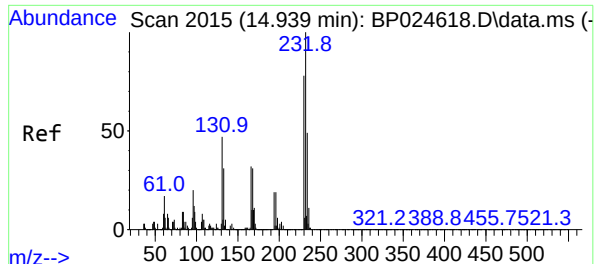
Tgt Ion:165 Resp: 404684
Ion Ratio Lower Upper
165 100
63 43.0 33.8 50.6
89 71.7 55.6 83.4
182 3.0 2.4 3.6



#58
Fluorene
Concen: 52.97 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:166 Resp: 1190632
Ion Ratio Lower Upper
166 100
165 97.5 78.5 117.7
167 13.4 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.11 ng

RT: 14.934 min Scan# 20

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:232 Resp: 341204

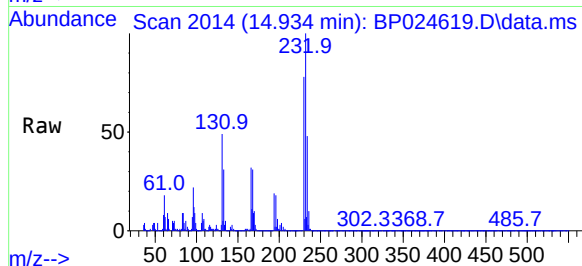
Ion Ratio Lower Upper

232 100

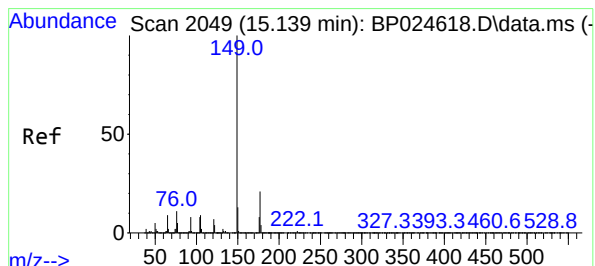
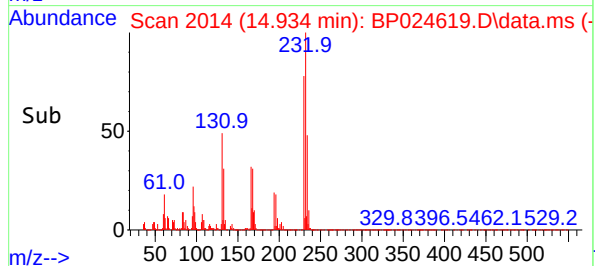
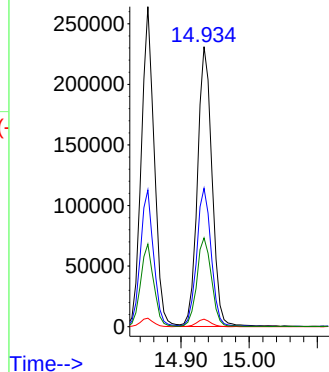
131 49.3 39.5 59.3

130 2.6 2.2 3.4

166 31.8 25.7 38.5



Abundance



#60

Diethylphthalate

Concen: 53.18 ng

RT: 15.134 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

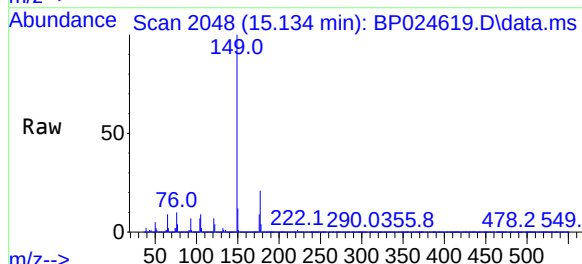
Tgt Ion:149 Resp: 1305791

Ion Ratio Lower Upper

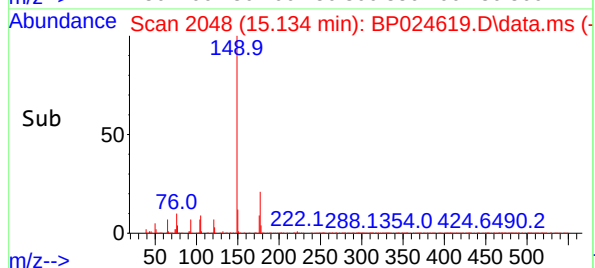
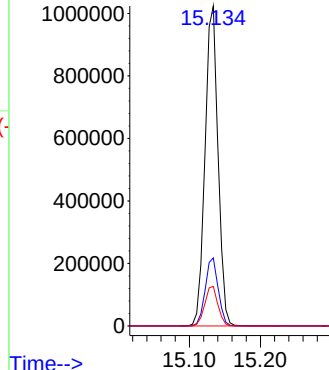
149 100

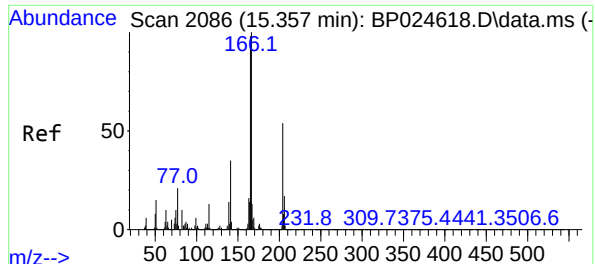
177 21.3 16.7 25.1

150 12.3 10.2 15.2



Abundance

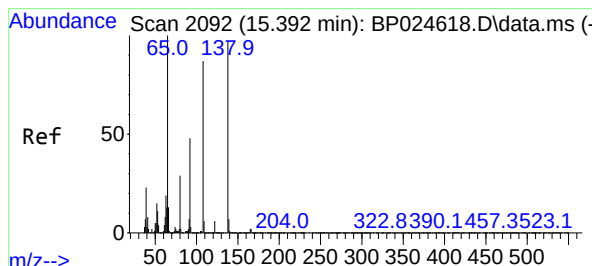
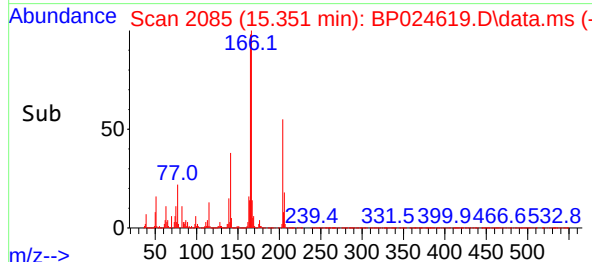
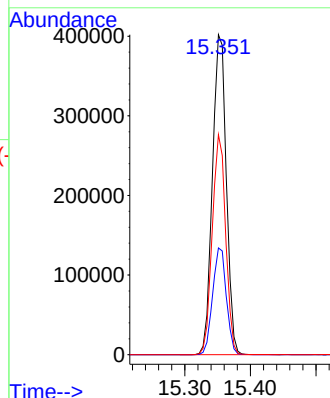
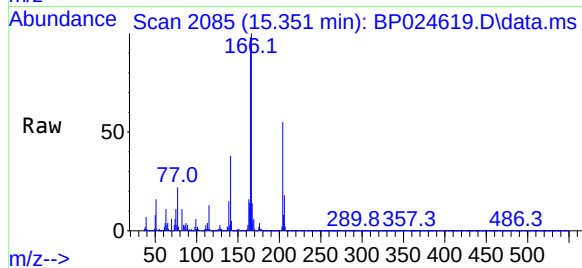




#61
4-Chlorophenyl-phenylether
Concen: 52.67 ng
RT: 15.351 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

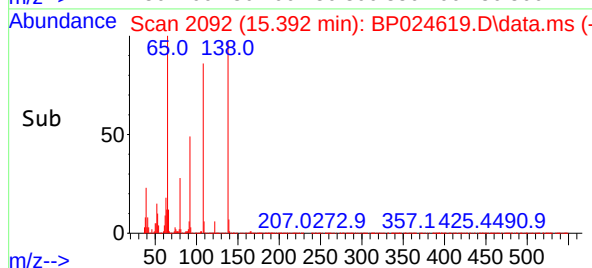
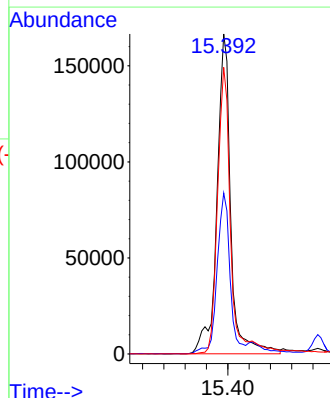
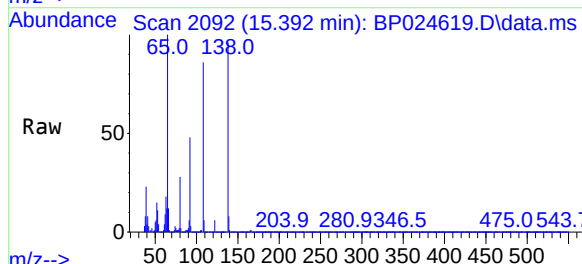
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

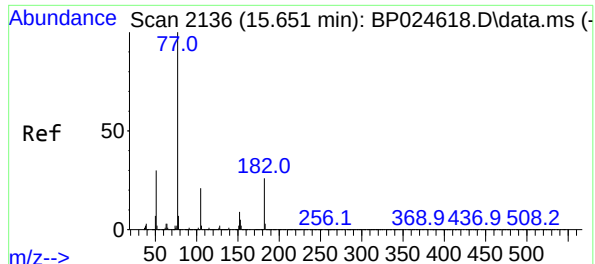
Tgt Ion:204 Resp: 590421
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 68.7 52.9 79.3



#62
4-Nitroaniline
Concen: 58.55 ng
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:138 Resp: 298681
Ion Ratio Lower Upper
138 100
92 50.3 29.2 69.2
108 89.6 69.0 109.0

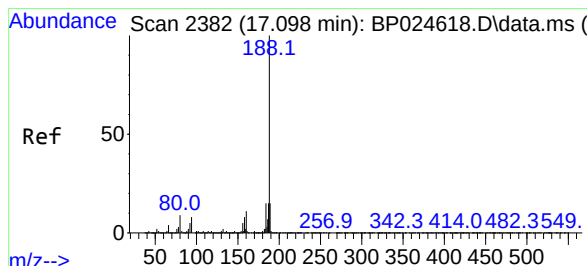
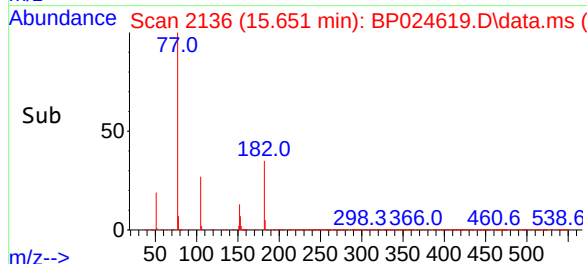
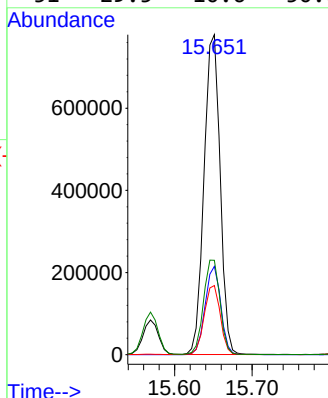
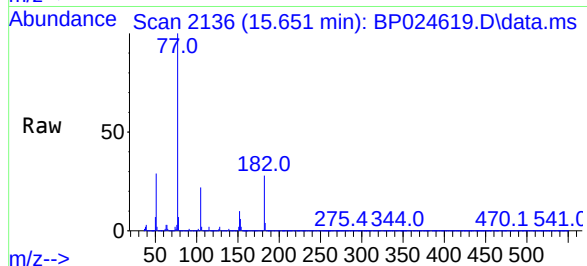




#63
Azobenzene
Concen: 53.39 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

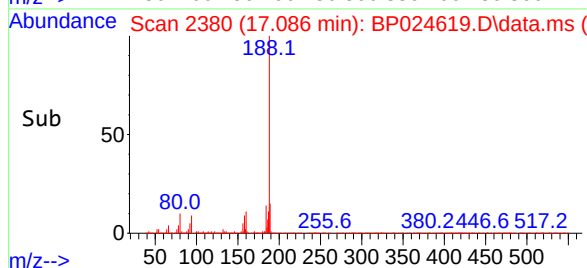
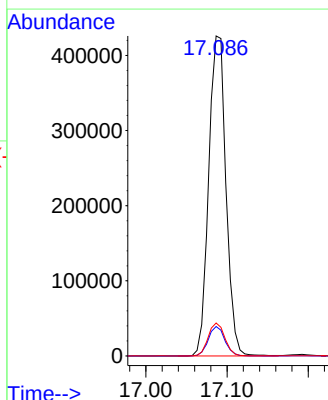
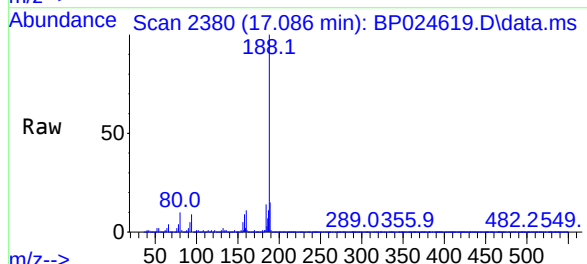
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

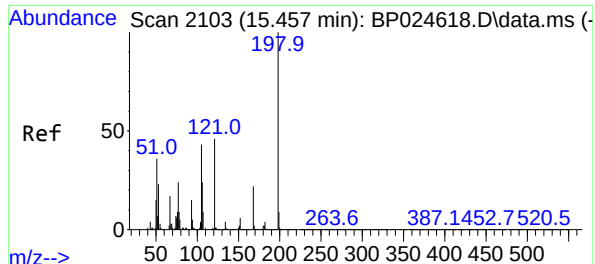
Tgt Ion: 77 Resp: 1121556
Ion Ratio Lower Upper
77 100
182 27.6 5.7 45.7
105 21.6 1.3 41.3
51 29.5 10.6 50.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 188 Resp: 628781
Ion Ratio Lower Upper
188 100
94 9.2 6.5 9.7
80 10.3 7.3 10.9

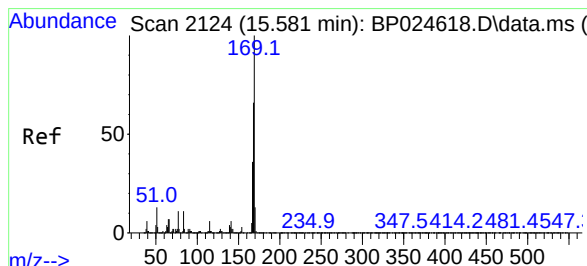
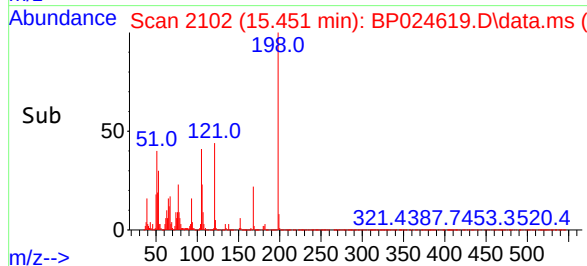
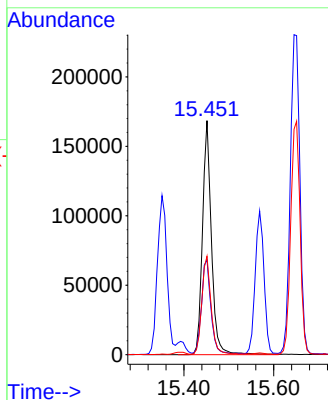
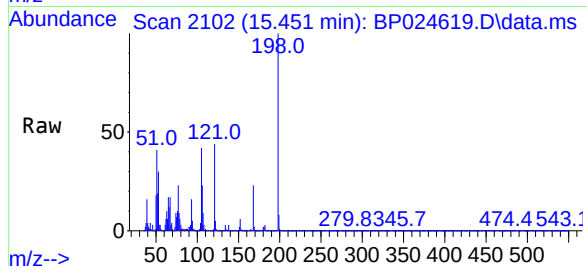




#65
4,6-Dinitro-2-methylphenol
Concen: 57.64 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

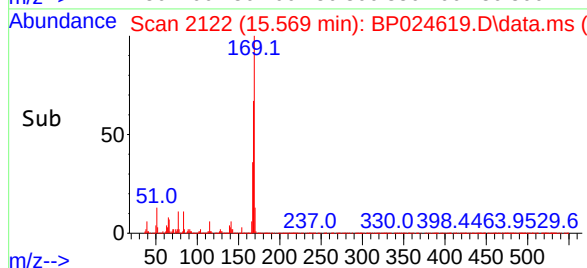
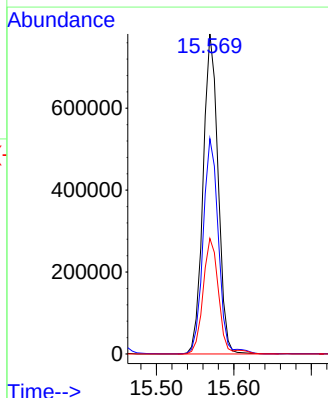
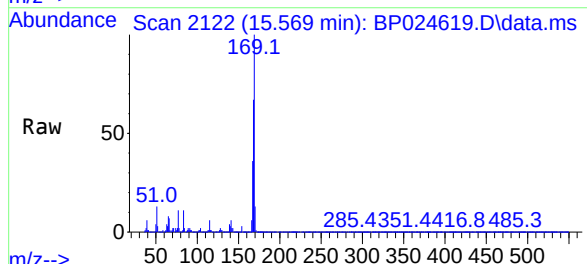
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

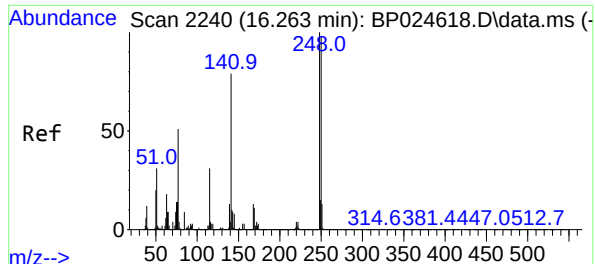
Tgt Ion:198 Resp: 234095
Ion Ratio Lower Upper
198 100
51 40.5 21.1 61.1
105 42.1 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 54.28 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:169 Resp: 1048396
Ion Ratio Lower Upper
169 100
168 67.3 53.2 79.8
167 36.1 28.6 43.0

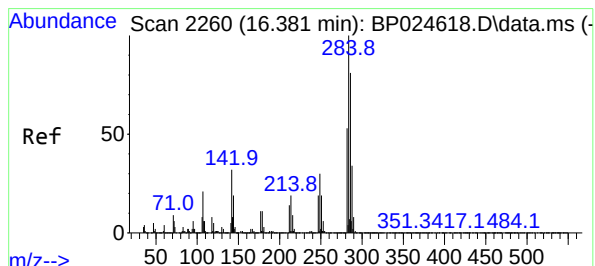
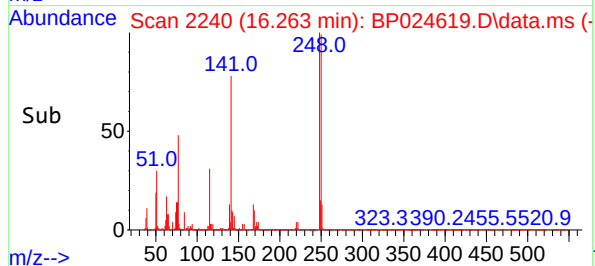
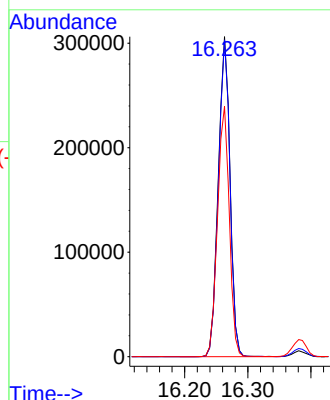
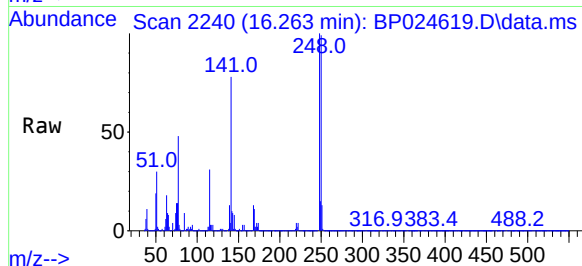




#67
4-Bromophenyl-phenylether
Concen: 53.50 ng
RT: 16.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

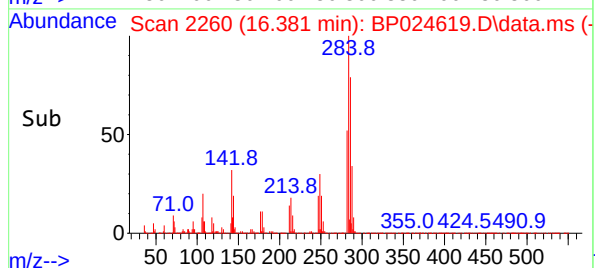
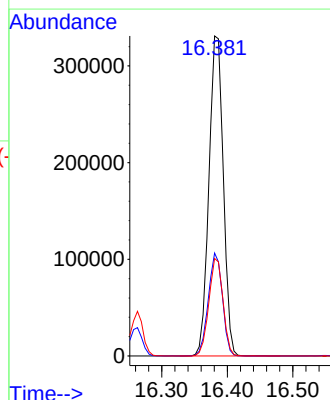
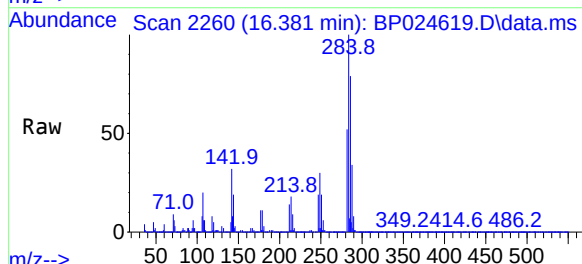
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

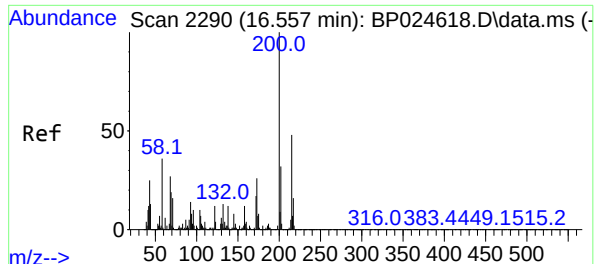
Tgt Ion:248 Resp: 396385
Ion Ratio Lower Upper
248 100
250 99.0 78.2 117.4
141 78.2 63.0 94.6



#68
Hexachlorobenzene
Concen: 53.64 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:284 Resp: 504987
Ion Ratio Lower Upper
284 100
142 32.1 25.9 38.9
249 30.4 24.1 36.1

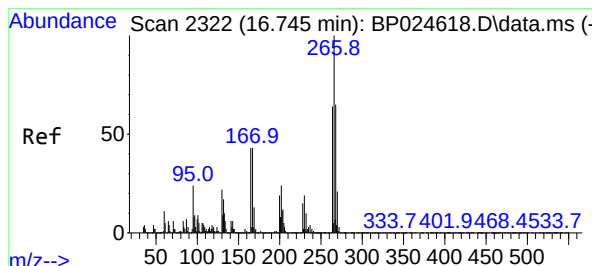
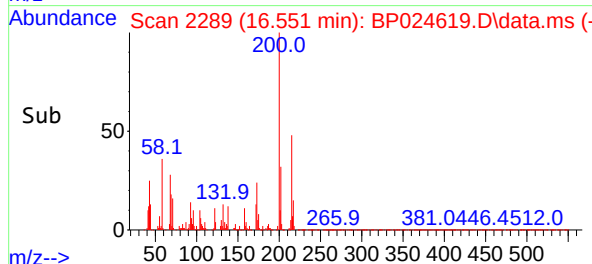
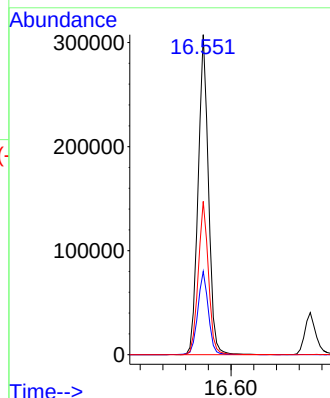
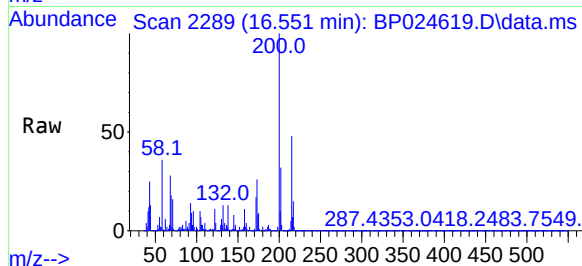




#69
Atrazine
Concen: 55.07 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

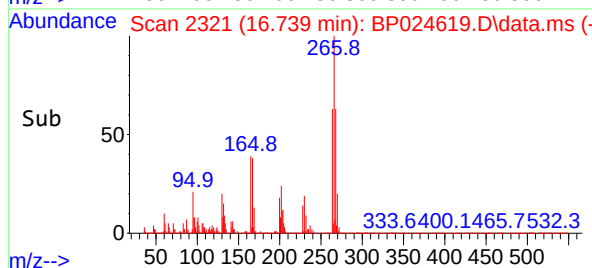
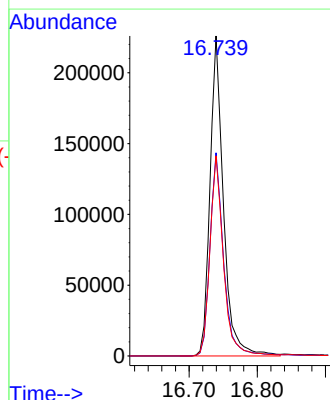
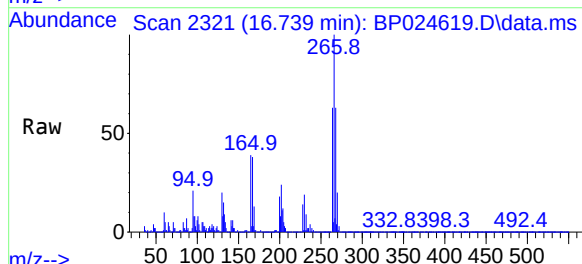
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

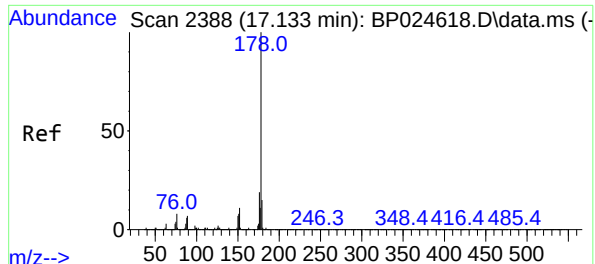
Tgt Ion:200 Resp: 389749
Ion Ratio Lower Upper
200 100
173 26.0 5.9 45.9
215 47.9 28.3 68.3



#70
Pentachlorophenol
Concen: 58.71 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:266 Resp: 310477
Ion Ratio Lower Upper
266 100
268 63.5 52.2 78.4
264 62.6 51.1 76.7

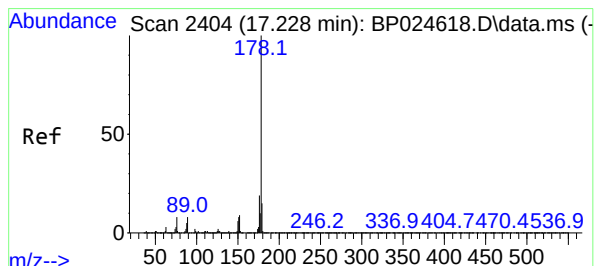
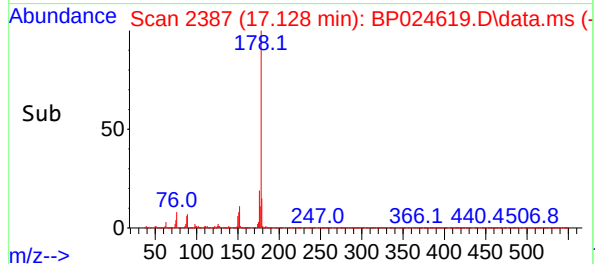
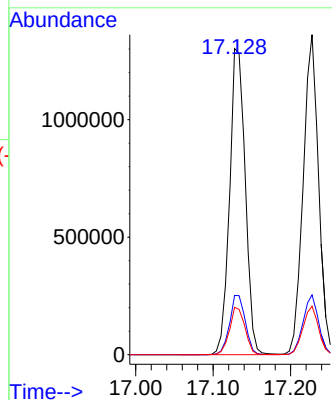
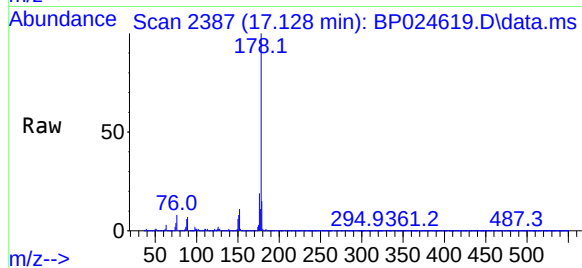




#71
Phenanthrene
Concen: 52.61 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

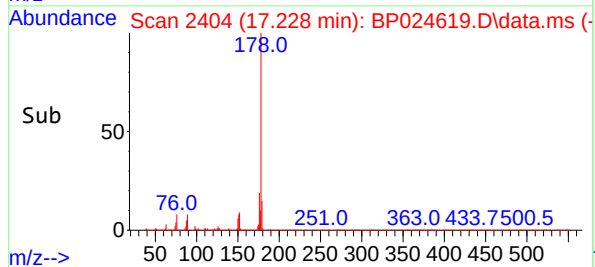
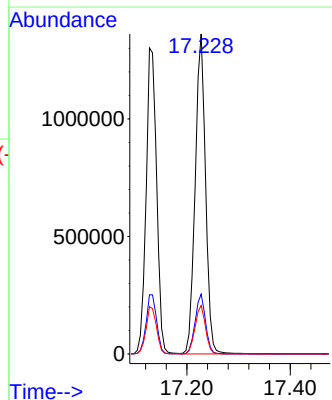
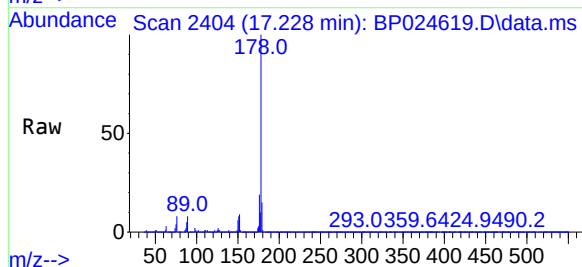
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

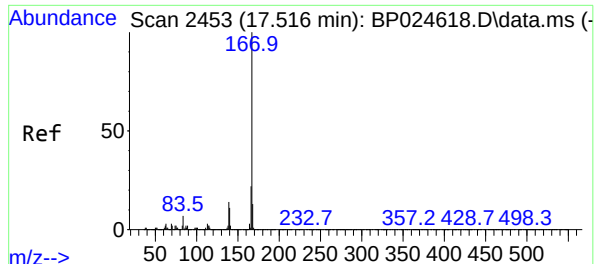
Tgt Ion:178 Resp: 1838891
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.5 12.2 18.4



#72
Anthracene
Concen: 53.87 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:178 Resp: 1894573
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.1 12.2 18.2

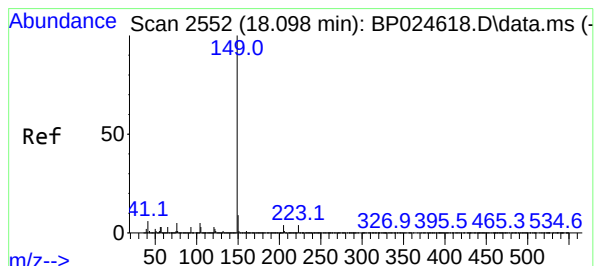
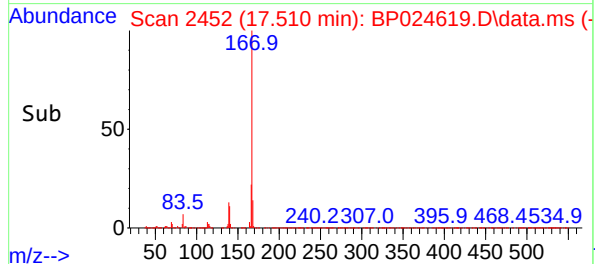
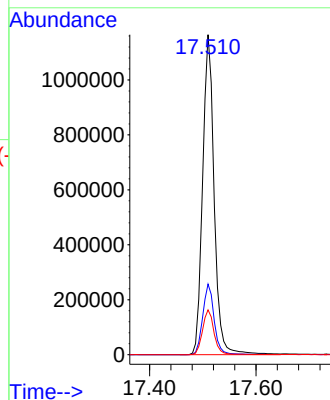
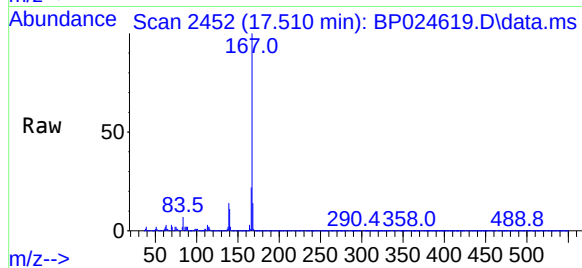




#73
Carbazole
Concen: 55.00 ng
RT: 17.510 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

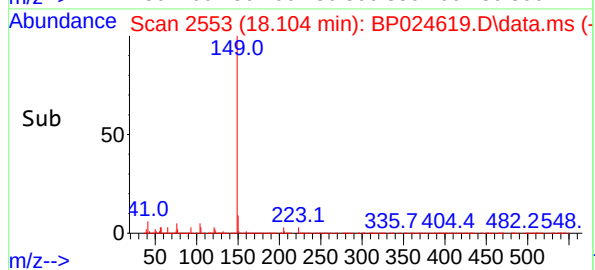
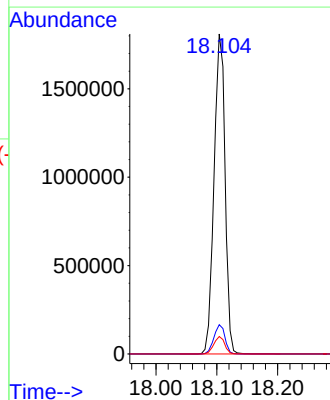
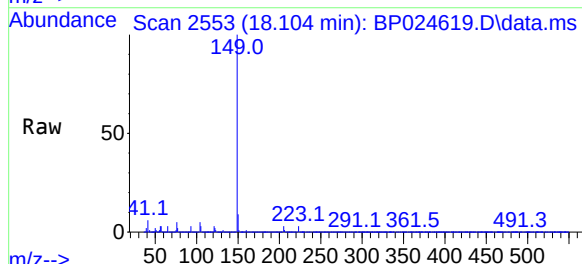
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

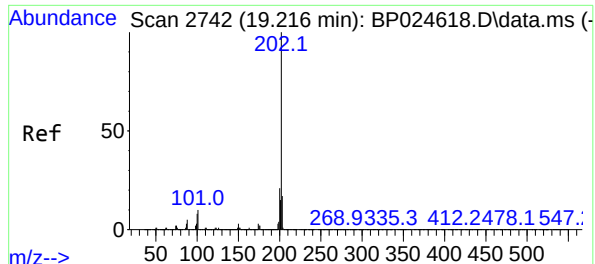
Tgt Ion:167 Resp: 1750681
Ion Ratio Lower Upper
167 100
166 22.1 17.7 26.5
139 14.0 11.3 16.9



#74
Di-n-butylphthalate
Concen: 55.58 ng
RT: 18.104 min Scan# 2553
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 2275163
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 5.4 4.3 6.5

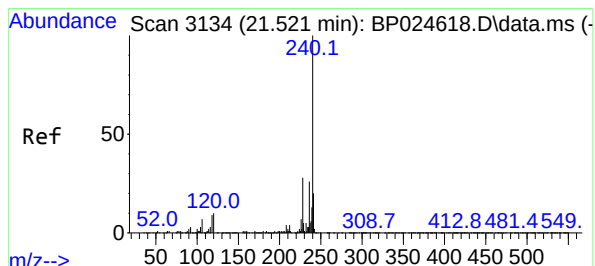
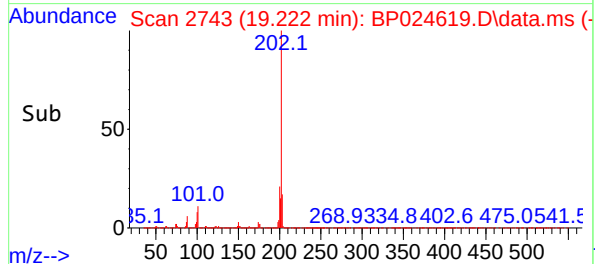
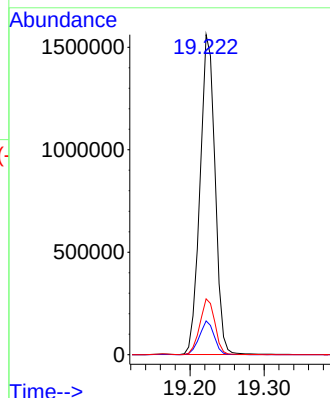
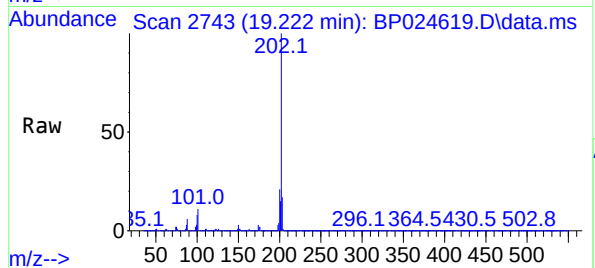




#75
Fluoranthene
Concen: 53.84 ng
RT: 19.222 min Scan# 2199818
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

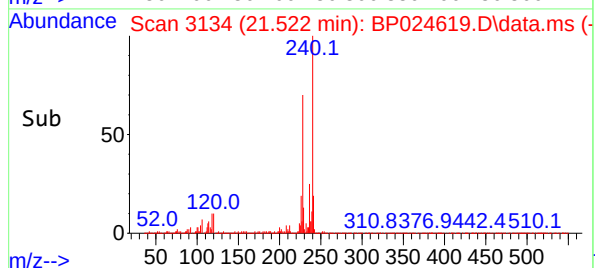
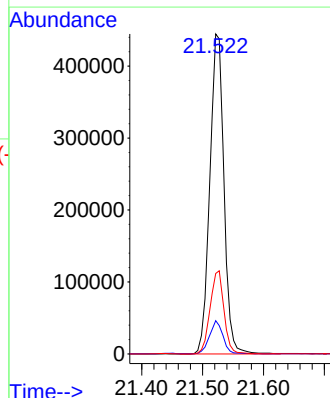
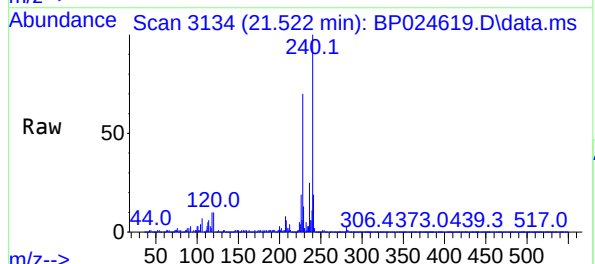
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

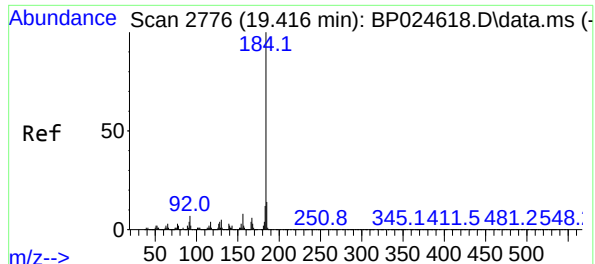
Tgt Ion:202 Resp: 2199818
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.3
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:240 Resp: 717340
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.6
236 25.1 20.6 31.0

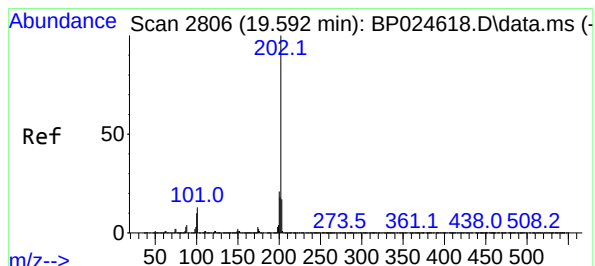
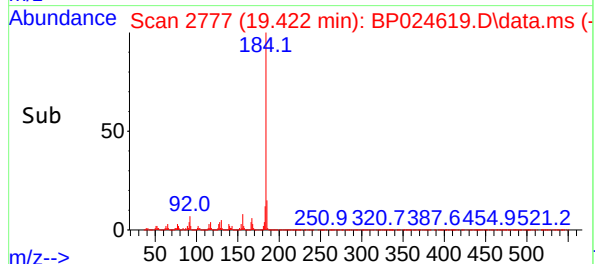
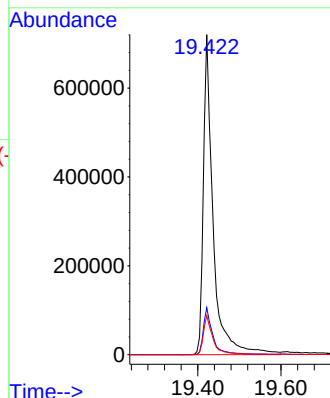
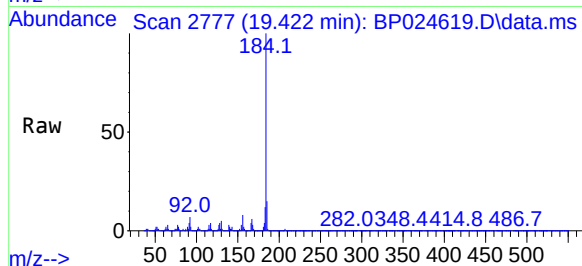




#77
Benzidine
Concen: 59.85 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

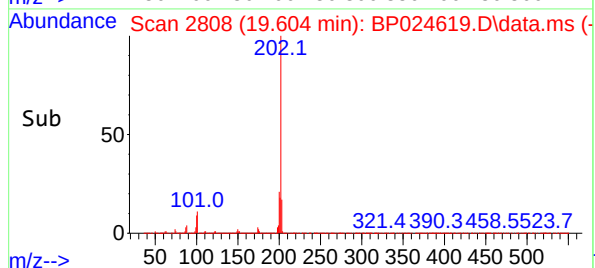
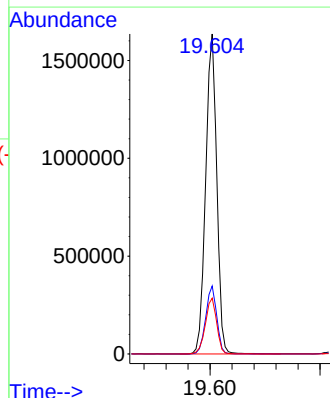
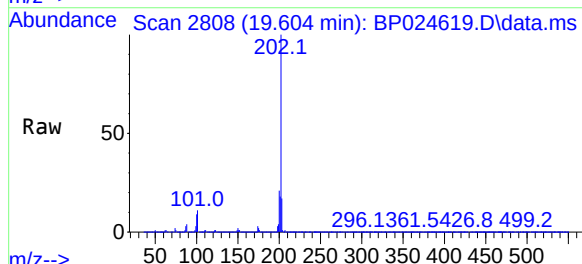
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

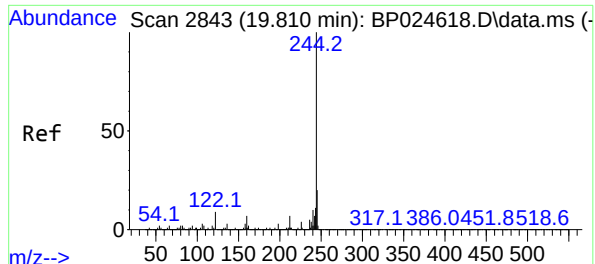
Tgt Ion:184 Resp: 1178505
Ion Ratio Lower Upper
184 100
185 14.7 11.2 16.8
183 12.2 9.8 14.8



#78
Pyrene
Concen: 53.11 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:202 Resp: 2282702
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.4 13.9 20.9

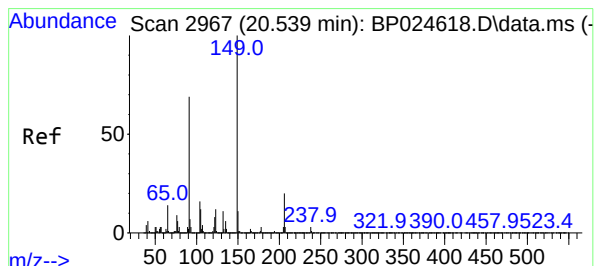
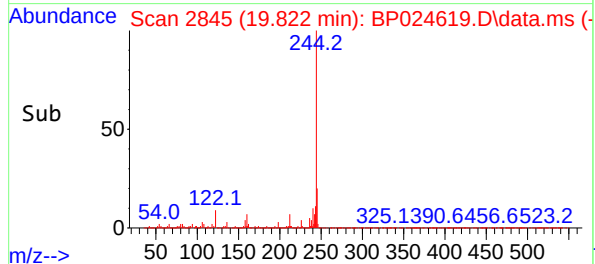
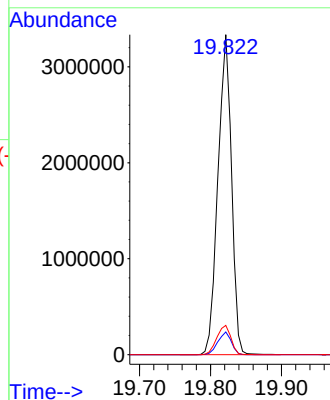
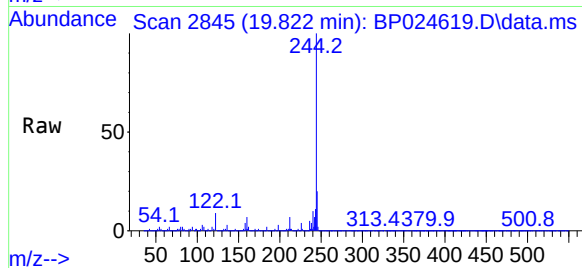




#79
Terphenyl-d14
Concen: 105.15 ng
RT: 19.822 min Scan# 2845
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

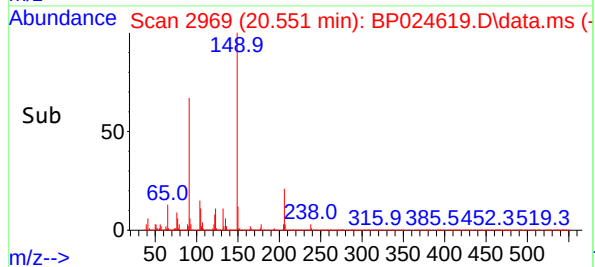
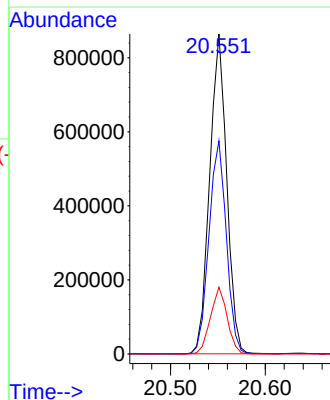
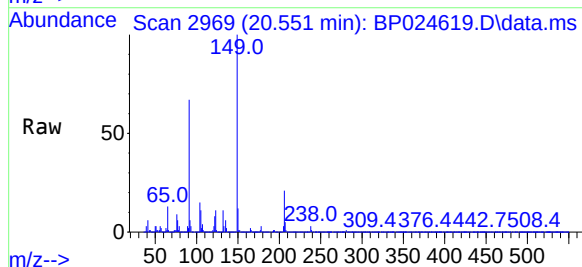
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

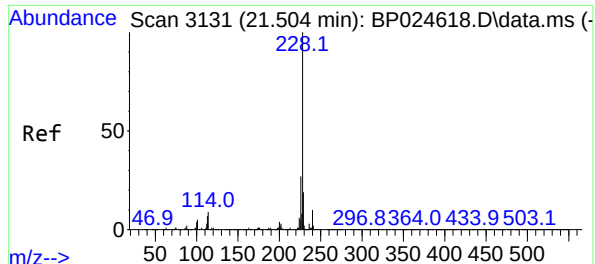
Tgt Ion:244 Resp: 4398872
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 9.2 7.4 11.0



#80
Butylbenzylphthalate
Concen: 56.68 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 1083395
Ion Ratio Lower Upper
149 100
91 66.6 55.4 83.0
206 20.8 16.2 24.2

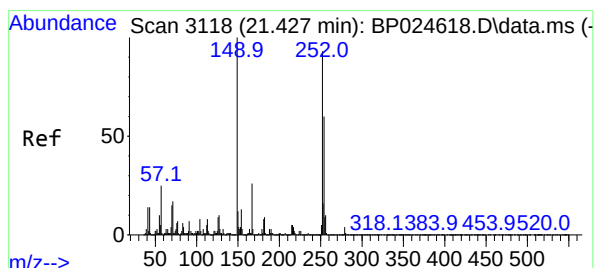
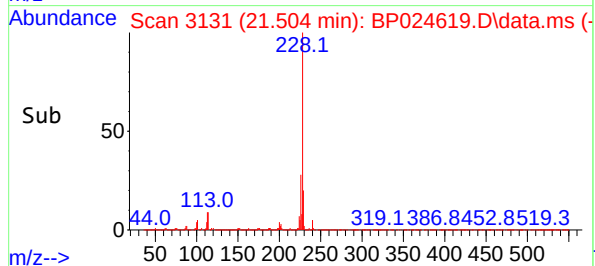
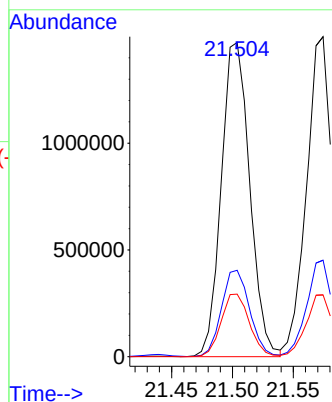
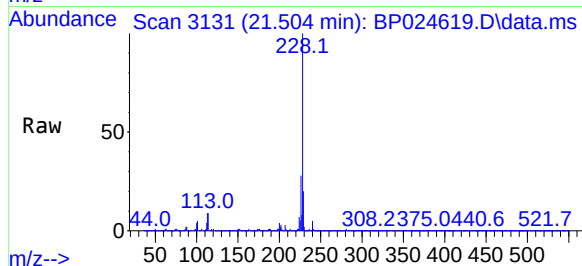




#81
Benzo(a)anthracene
Concen: 53.20 ng
RT: 21.504 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

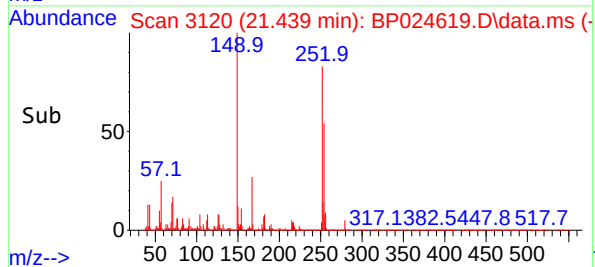
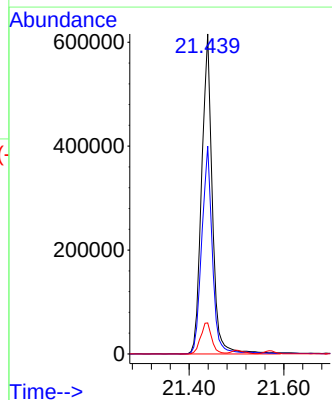
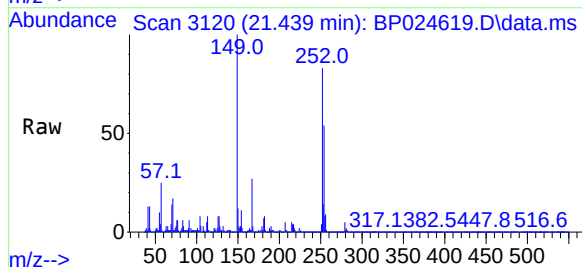
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

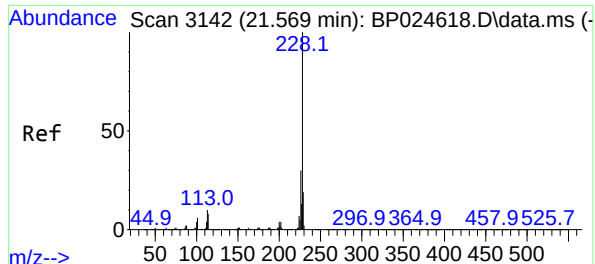
Tgt Ion:228 Resp: 2396398
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 19.9 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 57.80 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:252 Resp: 966906
Ion Ratio Lower Upper
252 100
254 65.0 51.8 77.6
126 9.7 7.7 11.5





#83

Chrysene

Concen: 52.71 ng

RT: 21.574 min Scan# 3143

Delta R.T. 0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

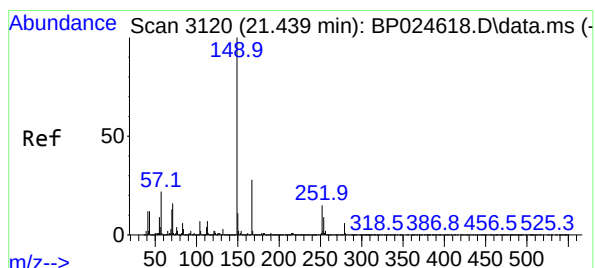
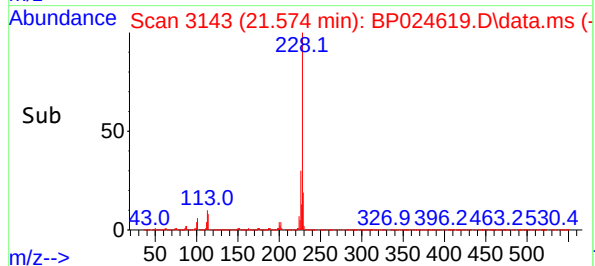
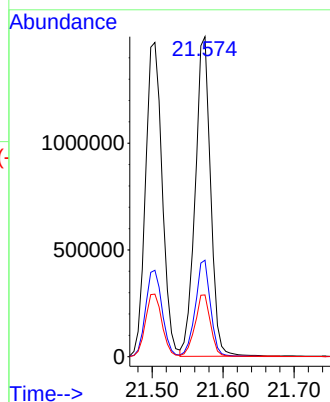
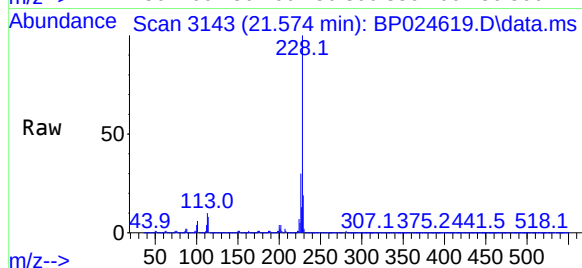
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 2250800

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.3	15.5	23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.42 ng

RT: 21.451 min Scan# 3122

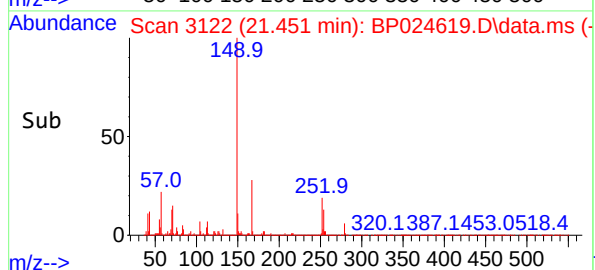
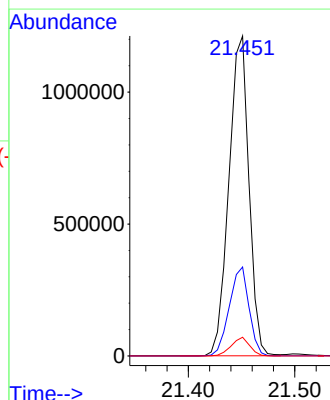
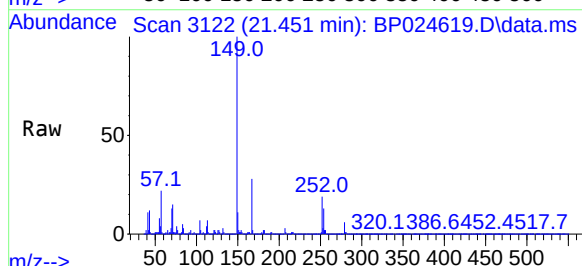
Delta R.T. 0.012 min

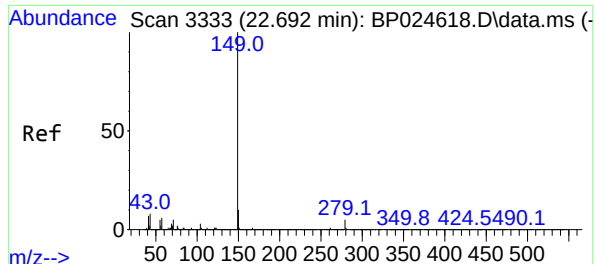
Lab File: BP024619.D

Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 1585070

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	5.9	4.6	6.8

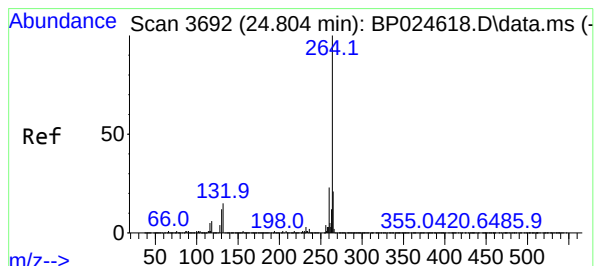
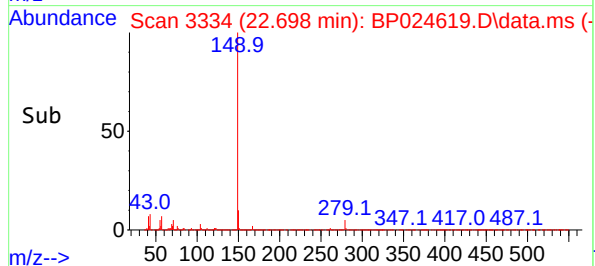
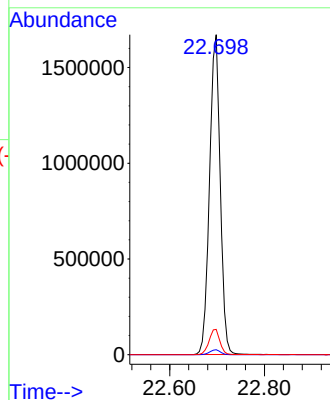
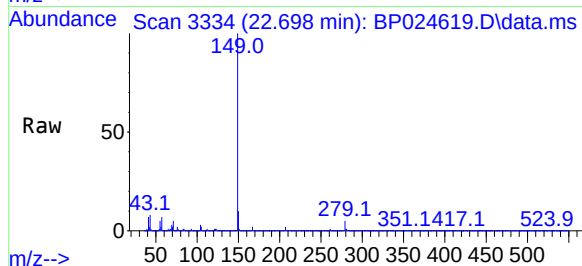




#85
Di-n-octyl phthalate
Concen: 56.91 ng
RT: 22.698 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

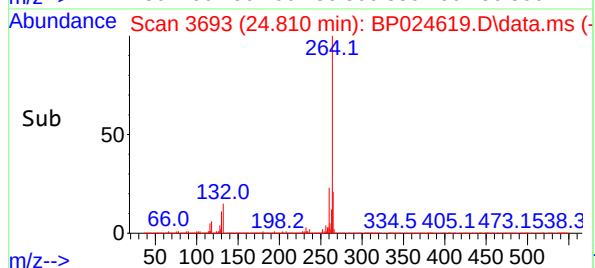
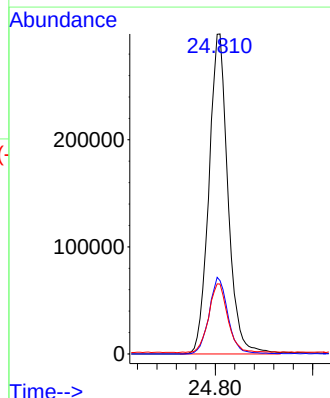
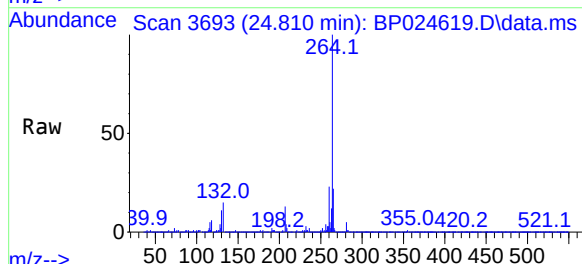
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

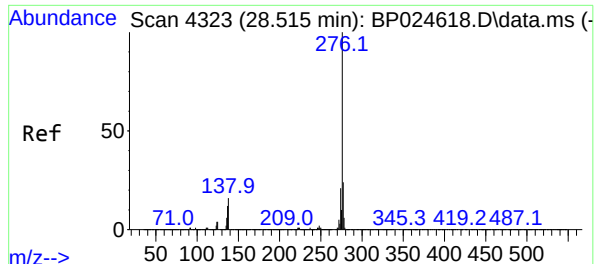
Tgt Ion:149 Resp: 2614856
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.0 6.3 9.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:264 Resp: 811421
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 21.9 17.0 25.6

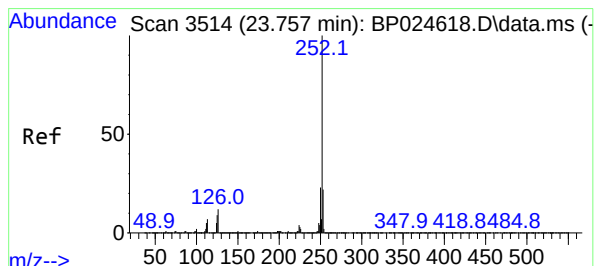
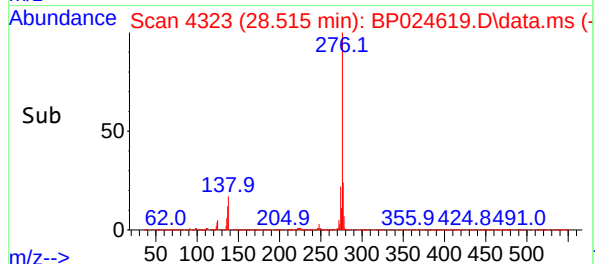
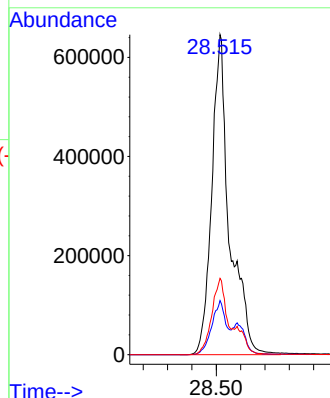
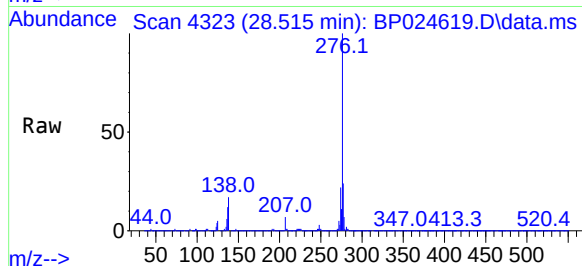




#87
Indeno(1,2,3-cd)pyrene
Concen: 55.06 ng
RT: 28.515 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

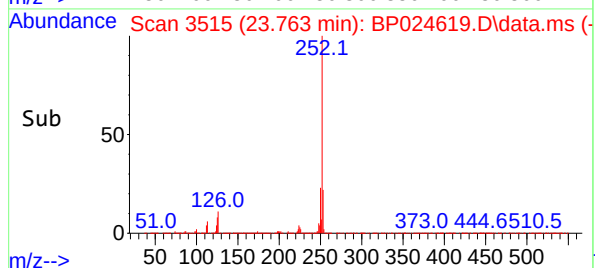
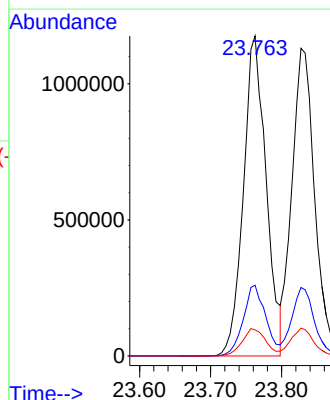
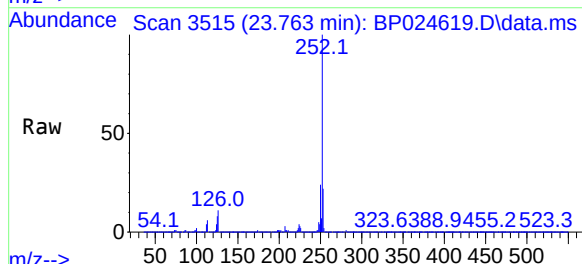
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

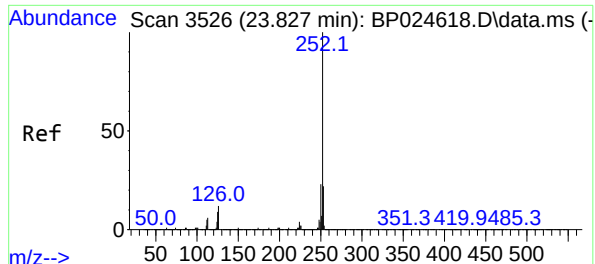
Tgt Ion:276 Resp: 3262830
Ion Ratio Lower Upper
276 100
138 13.6 11.2 16.8
277 19.3 15.7 23.5



#88
Benzo(b)fluoranthene
Concen: 56.25 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:252 Resp: 2612438
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 8.2 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 53.34 ng

RT: 23.827 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

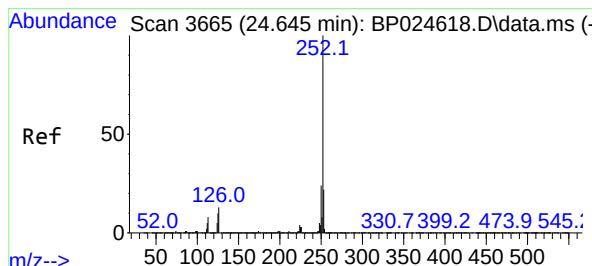
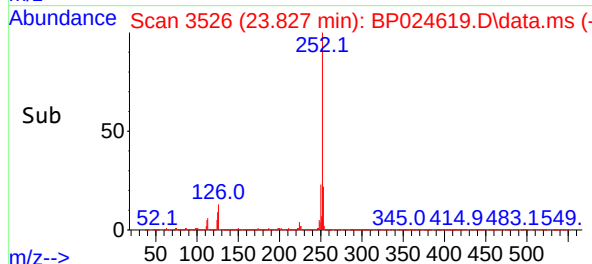
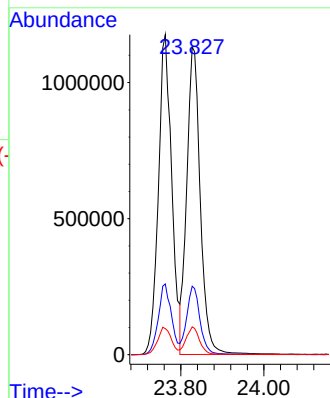
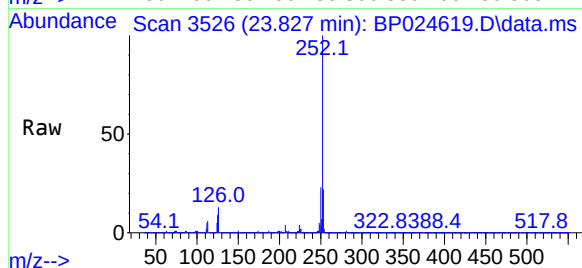
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 2552663

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.1	7.0	10.4



#90

Benzo(a)pyrene

Concen: 55.51 ng

RT: 24.645 min Scan# 3665

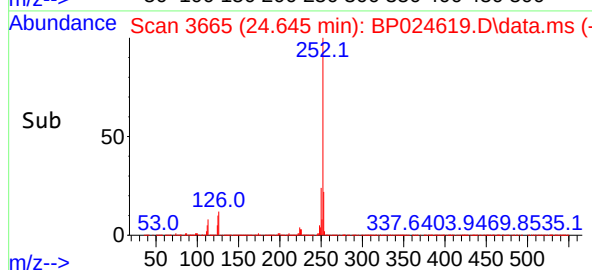
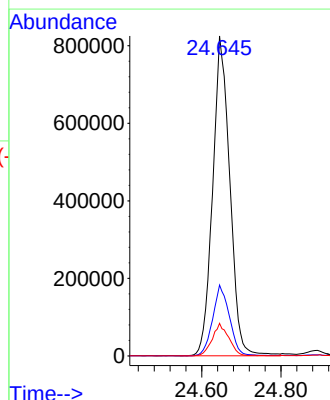
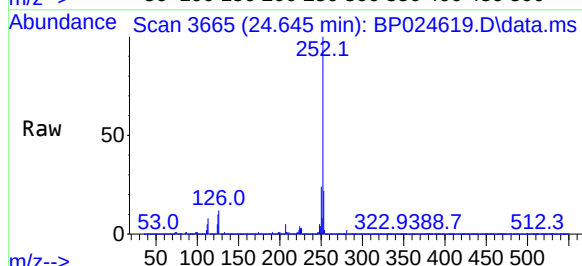
Delta R.T. 0.000 min

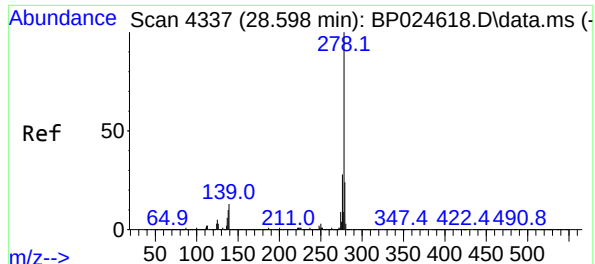
Lab File: BP024619.D

Acq: 13 May 2025 14:05

Tgt Ion:252 Resp: 2475976

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.1	12.1





#91

Dibenzo(a,h)anthracene

Concen: 55.60 ng

RT: 28.586 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Instrument :

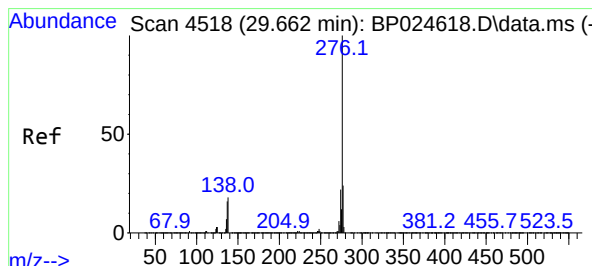
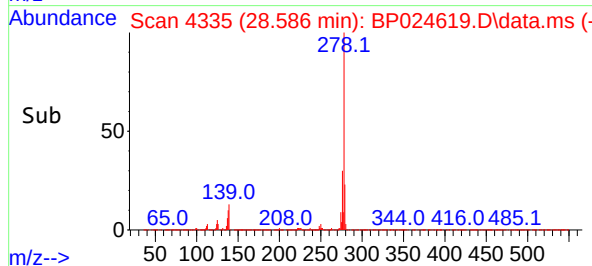
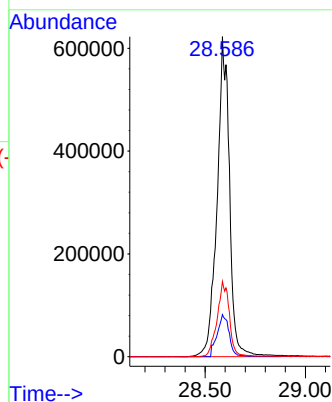
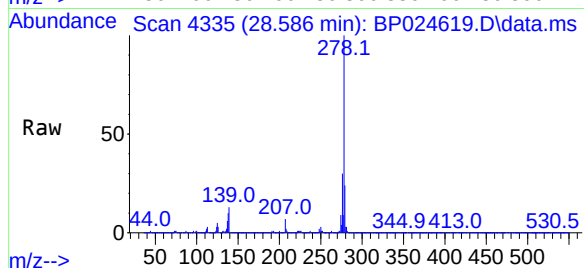
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 2679367

Ion	Ratio	Lower	Upper
278	100		
139	13.2	10.2	15.4
279	23.5	19.0	28.4



#92

Benzo(g,h,i)perylene

Concen: 54.79 ng

RT: 29.656 min Scan# 4517

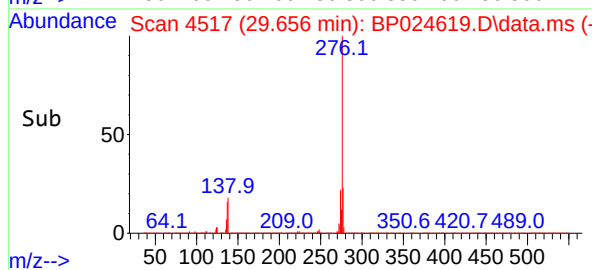
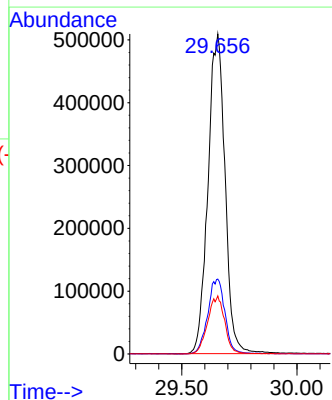
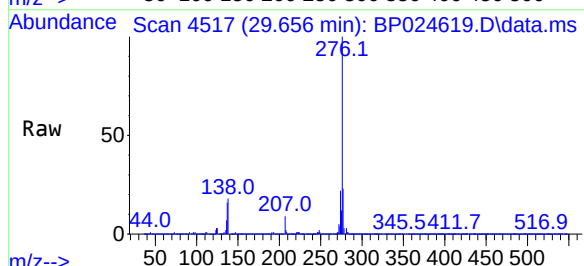
Delta R.T. -0.006 min

Lab File: BP024619.D

Acq: 13 May 2025 14:05

Tgt Ion:276 Resp: 2625625

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	18.2	14.4	21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024620.D
 Acq On : 13 May 2025 14:45
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: May 13 16:08:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	106955	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	484921	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	325327	20.00	ng	-0.01
64) Phenanthrene-d10	17.086	188	646756	20.00	ng	-0.01
76) Chrysene-d12	21.521	240	726281	20.00	ng	0.00
86) Perylene-d12	24.810	264	822943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	784577	125.47	ng	0.00
7) Phenol-d6	6.858	99	1039562	130.26	ng	0.00
23) Nitrobenzene-d5	8.816	82	1188192	123.80	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	696428	126.27	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	2956939	119.08	ng	0.00
79) Terphenyl-d14	19.822	244	5119872	120.88	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	170174	57.95	ng	99
3) Pyridine	3.617	79	419426	64.42	ng	98
4) n-Nitrosodimethylamine	3.528	42	178836	62.22	ng	99
6) Aniline	7.005	93	670773	65.10	ng	100
8) 2-Chlorophenol	7.240	128	459952	64.79	ng	99
9) Benzaldehyde	6.816	77	305987	59.33	ng	98
10) Phenol	6.881	94	535743	65.04	ng	99
11) bis(2-Chloroethyl)ether	7.099	93	416957	61.60	ng	99
12) 1,3-Dichlorobenzene	7.552	146	496139	60.75	ng	99
13) 1,4-Dichlorobenzene	7.699	146	502743	61.20	ng	99
14) 1,2-Dichlorobenzene	8.010	146	490458	61.27	ng	99
15) Benzyl Alcohol	7.910	79	413146	68.12	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	501972	61.93	ng	98
17) 2-Methylphenol	8.110	107	389272	65.89	ng	98
18) Hexachloroethane	8.728	117	191530	60.85	ng	97
19) n-Nitroso-di-n-propyla...	8.463	70	363059	65.76	ng	99
20) 3+4-Methylphenols	8.434	107	543003	67.57	ng	99
22) Acetophenone	8.481	105	744359	61.45	ng	# 98
24) Nitrobenzene	8.857	77	518098	61.34	ng	97
25) Isophorone	9.381	82	1048461	62.98	ng	99
26) 2-Nitrophenol	9.557	139	278764	67.36	ng	99
27) 2,4-Dimethylphenol	9.622	122	462148	63.34	ng	100
28) bis(2-Chloroethoxy)met...	9.851	93	610221	61.35	ng	99
29) 2,4-Dichlorophenol	10.093	162	459806	65.03	ng	98
30) 1,2,4-Trichlorobenzene	10.299	180	478505	60.05	ng	97
31) Naphthalene	10.487	128	1508460	60.03	ng	100
32) Benzoic acid	9.799	122	319375	60.53	ng	99
33) 4-Chloroaniline	10.599	127	671888	66.26	ng	99
34) Hexachlorobutadiene	10.769	225	303458	58.79	ng	98
35) Caprolactam	11.404	113	175653	68.70	ng	97
36) 4-Chloro-3-methylphenol	11.740	107	559138	64.84	ng	100
37) 2-Methylnaphthalene	12.098	142	1008171	61.96	ng	99
38) 1-Methylnaphthalene	12.316	142	1066290	61.25	ng	99
40) 1,2,4,5-Tetrachloroben...	12.469	216	566530	59.97	ng	100
41) Hexachlorocyclopentadiene	12.445	237	381621	66.62	ng	97
43) 2,4,6-Trichlorophenol	12.716	196	400552	65.46	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024620.D
 Acq On : 13 May 2025 14:45
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

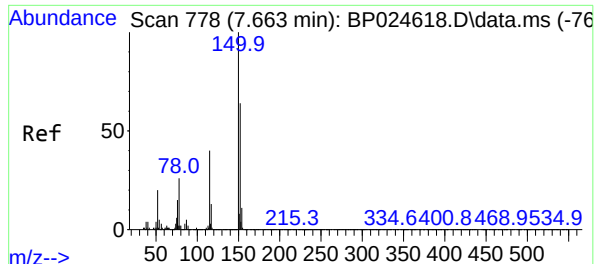
Quant Time: May 13 16:08:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	436361	64.06	ng	99
46) 1,1'-Biphenyl	13.122	154	1437786	59.80	ng	100
47) 2-Chloronaphthalene	13.163	162	1105298	60.29	ng	100
48) 2-Nitroaniline	13.369	65	354977	65.40	ng	98
49) Acenaphthylene	14.016	152	1884018	61.41	ng	100
50) Dimethylphthalate	13.757	163	1498318	60.42	ng	100
51) 2,6-Dinitrotoluene	13.875	165	328682	62.76	ng	99
52) Acenaphthene	14.363	154	1072483	60.80	ng	100
53) 3-Nitroaniline	14.210	138	361174	67.54	ng	99
54) 2,4-Dinitrophenol	14.428	184	196350	61.10	ng	96
55) Dibenzofuran	14.698	168	1691790	60.13	ng	99
56) 4-Nitrophenol	14.545	139	281293	61.78	ng	98
57) 2,4-Dinitrotoluene	14.675	165	471525	63.87	ng	99
58) Fluorene	15.363	166	1376412	60.00	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	396678	62.78	ng	99
60) Diethylphthalate	15.134	149	1525628	60.87	ng	99
61) 4-Chlorophenyl-phenyle...	15.357	204	692230	60.51	ng	99
62) 4-Nitroaniline	15.404	138	354287	68.05	ng	99
63) Azobenzene	15.657	77	1310800	61.14	ng	97
65) 4,6-Dinitro-2-methylph...	15.457	198	278024	66.55	ng	95
66) n-Nitrosodiphenylamine	15.575	169	1205525	60.68	ng	100
67) 4-Bromophenyl-phenylether	16.269	248	469127	61.56	ng	99
68) Hexachlorobenzene	16.386	284	590615	60.99	ng	99
69) Atrazine	16.557	200	460742	63.29	ng	98
70) Pentachlorophenol	16.739	266	371465	68.29	ng	99
71) Phenanthrene	17.133	178	2183329	60.73	ng	100
72) Anthracene	17.233	178	2210412	61.11	ng	99
73) Carbazole	17.510	167	2042777	62.39	ng	100
74) Di-n-butylphthalate	18.098	149	2644959	62.81	ng	99
75) Fluoranthene	19.222	202	2594532	61.73	ng	100
77) Benzidine	19.422	184	1304259	65.42	ng	99
78) Pyrene	19.598	202	2661811	61.17	ng	100
80) Butylbenzylphthalate	20.551	149	1243403	64.25	ng	100
81) Benzo(a)anthracene	21.504	228	2778689	60.93	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	1114122	65.77	ng	100
83) Chrysene	21.574	228	2588513	59.88	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	1822019	64.05	ng	99
85) Di-n-octyl phthalate	22.692	149	2998832	64.47	ng	100
87) Indeno(1,2,3-cd)pyrene	28.533	276	3824922	63.64	ng	# 92
88) Benzo(b)fluoranthene	23.768	252	2922103	62.04	ng	99
89) Benzo(k)fluoranthene	23.845	252	3055252	62.95	ng	100
90) Benzo(a)pyrene	24.657	252	2881508	63.69	ng	100
91) Dibenzo(a,h)anthracene	28.603	278	3137905	64.20	ng	99
92) Benzo(g,h,i)perylene	29.692	276	3065416	63.07	ng	100

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

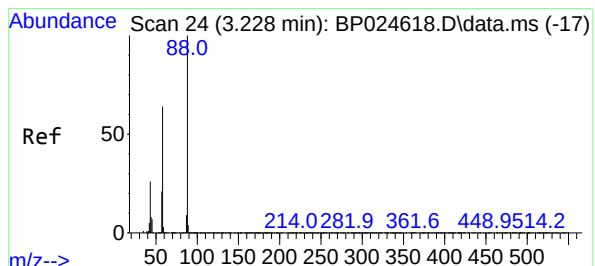
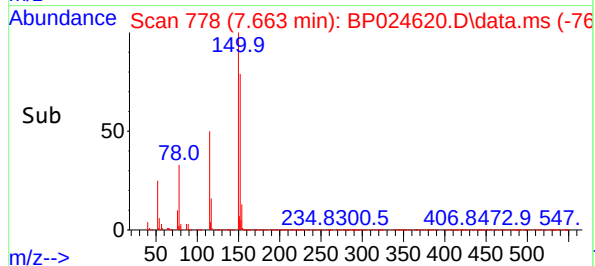
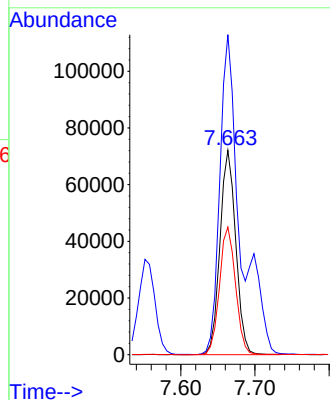
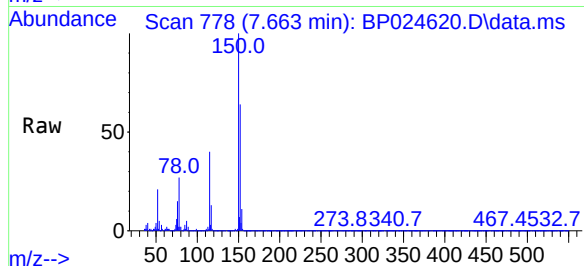
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

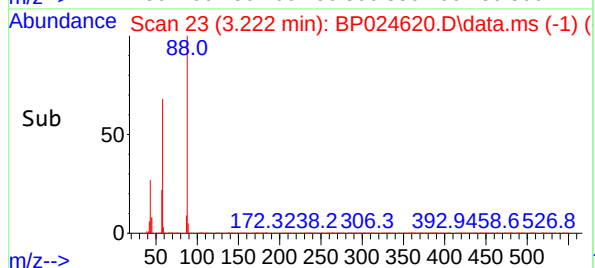
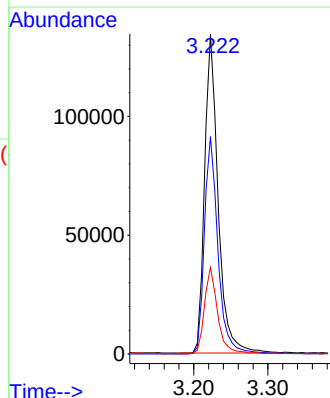
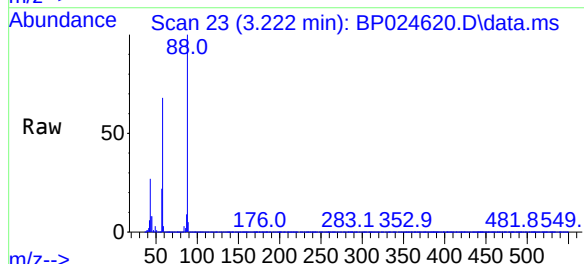
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 106955
Ion Ratio Lower Upper
152 100
150 156.6 125.9 188.9
115 62.4 50.1 75.1

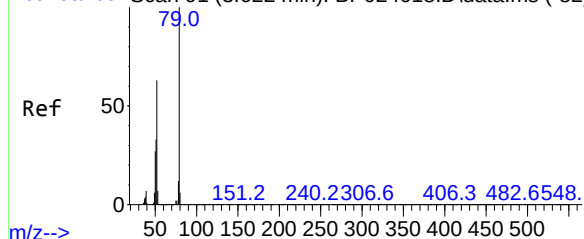


#2
1,4-Dioxane
Concen: 57.95 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 88 Resp: 170174
Ion Ratio Lower Upper
88 100
58 68.9 54.0 81.0
43 26.5 21.4 32.0



Abundance Scan 91 (3.622 min): BP024618.D\data.ms (-82)



#3

Pyridine

Concen: 64.42 ng

RT: 3.617 min Scan# 90

Delta R.T. -0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

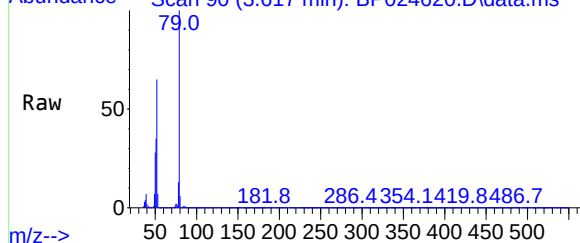
ClientSampleId :

SSTDICC060

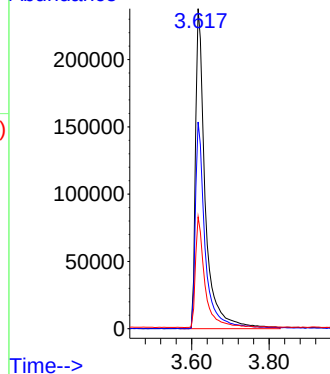
Tgt Ion: 79 Resp: 419426

Ion	Ratio	Lower	Upper
79	100		
52	64.6	50.2	75.2
51	34.9	26.8	40.2

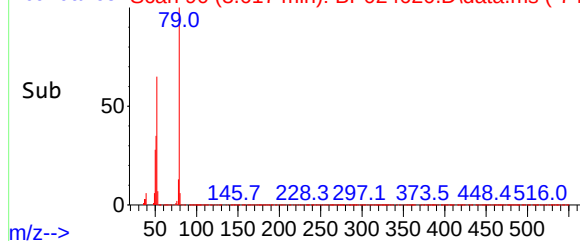
Abundance Scan 90 (3.617 min): BP024620.D\data.ms



Abundance

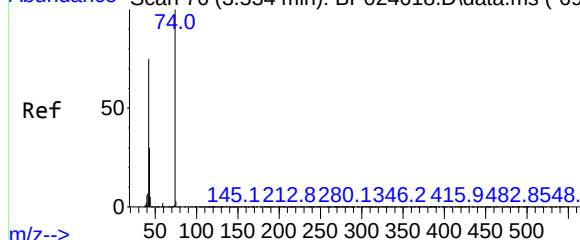


Abundance Scan 90 (3.617 min): BP024620.D\data.ms (-74)



Time-->

Abundance Scan 76 (3.534 min): BP024618.D\data.ms (-69)



#4

n-Nitrosodimethylamine

Concen: 62.22 ng

RT: 3.528 min Scan# 75

Delta R.T. -0.006 min

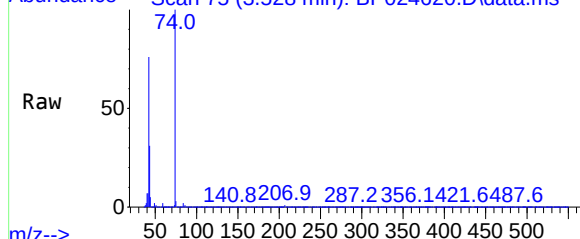
Lab File: BP024620.D

Acq: 13 May 2025 14:45

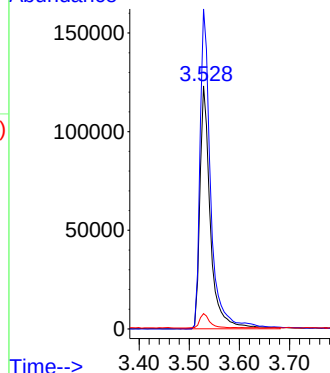
Tgt Ion: 42 Resp: 178836

Ion	Ratio	Lower	Upper
42	100		
74	131.7	106.2	159.2
44	6.3	5.4	8.2

Abundance Scan 75 (3.528 min): BP024620.D\data.ms

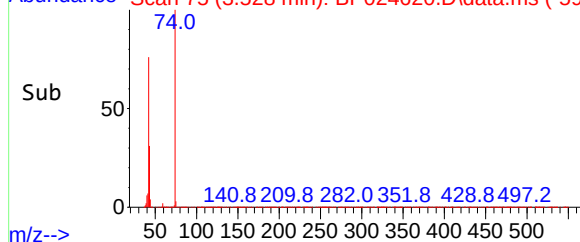


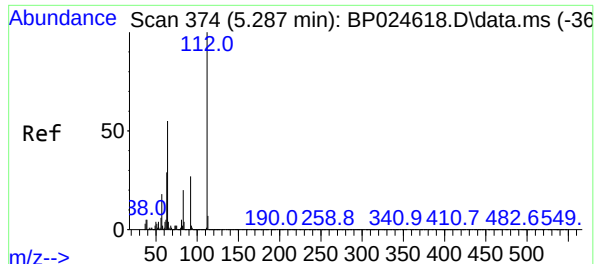
Abundance



Time-->

Abundance Scan 75 (3.528 min): BP024620.D\data.ms (-59)





#5

2-Fluorophenol

Concen: 125.47 ng

RT: 5.281 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

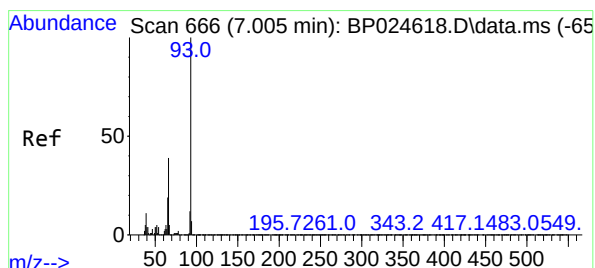
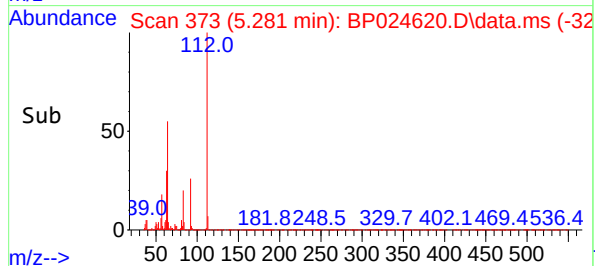
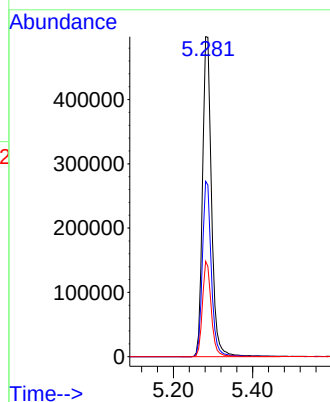
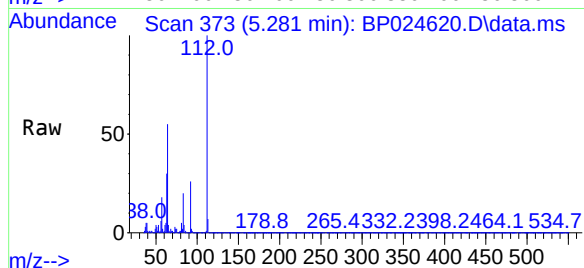
Tgt Ion:112 Resp: 784577

Ion Ratio Lower Upper

112 100

64 54.8 44.1 66.1

63 29.8 23.5 35.3



#6

Aniline

Concen: 65.10 ng

RT: 7.005 min Scan# 666

Delta R.T. -0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

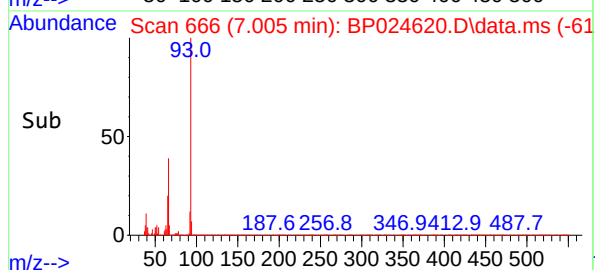
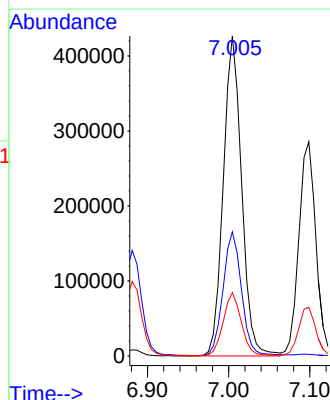
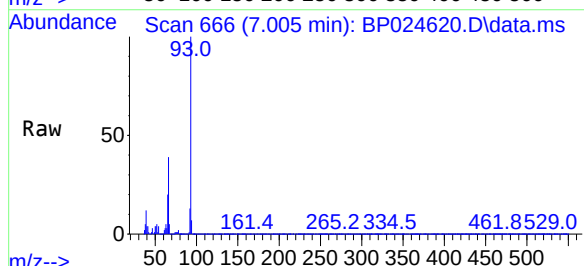
Tgt Ion: 93 Resp: 670773

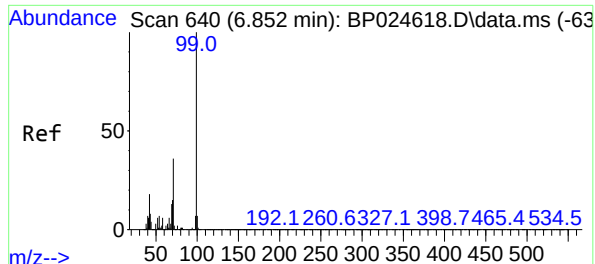
Ion Ratio Lower Upper

93 100

66 38.8 31.0 46.6

65 19.8 15.5 23.3

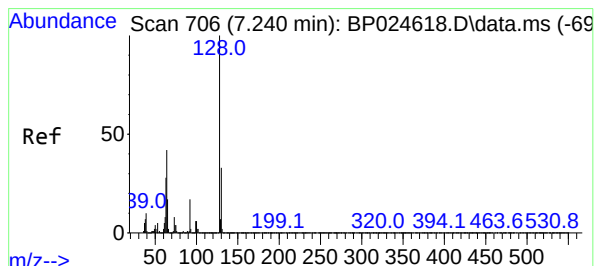
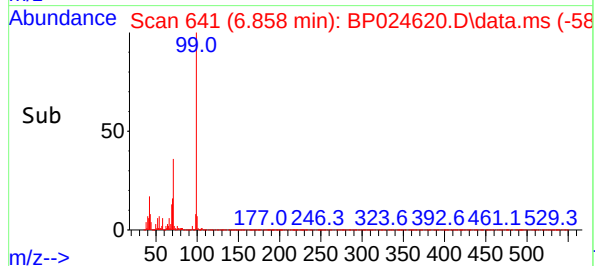
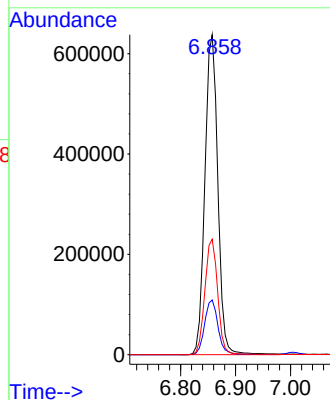
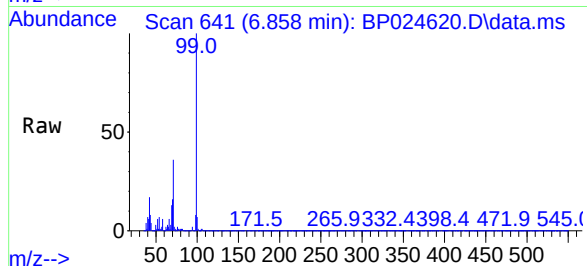




#7
Phenol-d6
Concen: 130.26 ng
RT: 6.858 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

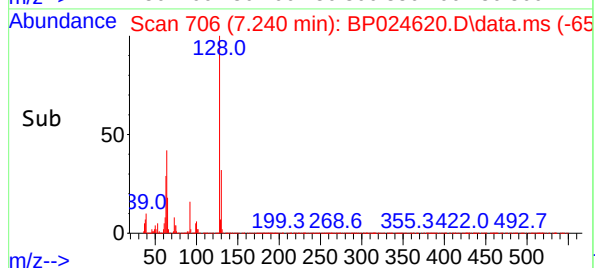
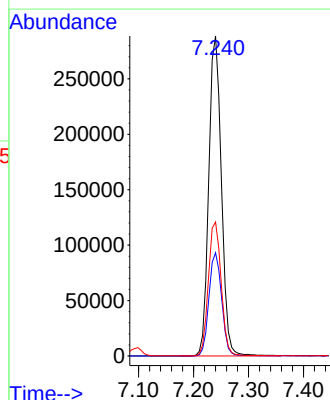
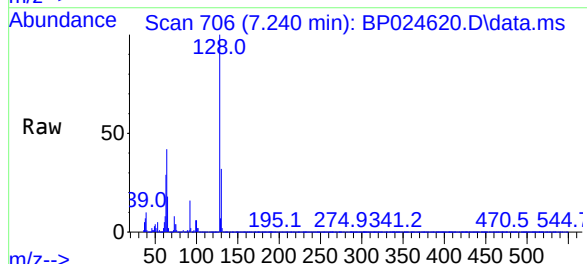
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

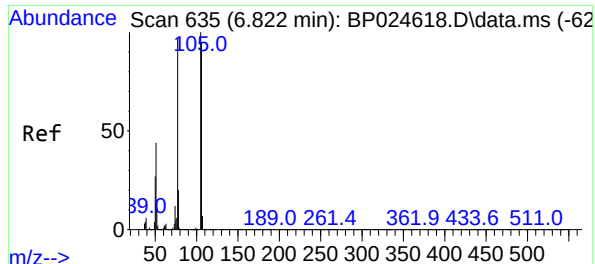
Tgt Ion: 99 Resp: 1039562
Ion Ratio Lower Upper
99 100
42 17.1 14.4 21.6
71 36.1 29.2 43.8



#8
2-Chlorophenol
Concen: 64.79 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 128 Resp: 459952
Ion Ratio Lower Upper
128 100
130 32.3 13.0 53.0
64 41.9 22.3 62.3

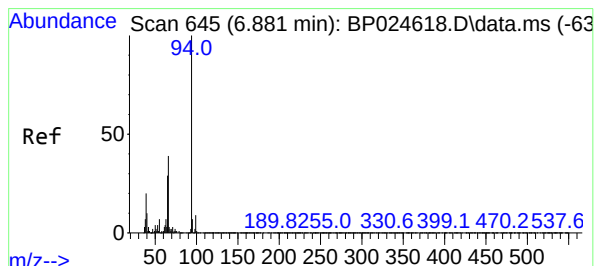
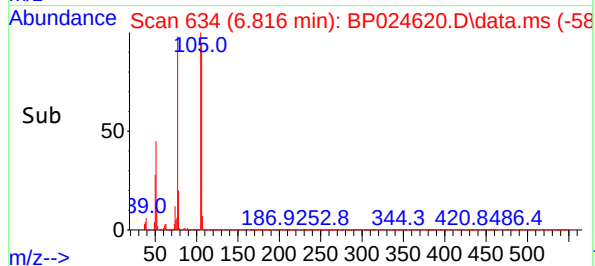
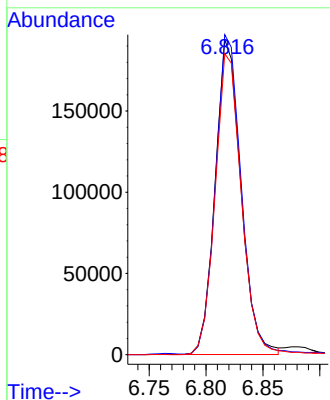
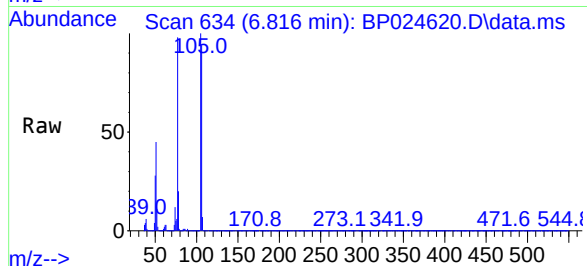




#9
Benzaldehyde
Concen: 59.33 ng
RT: 6.816 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

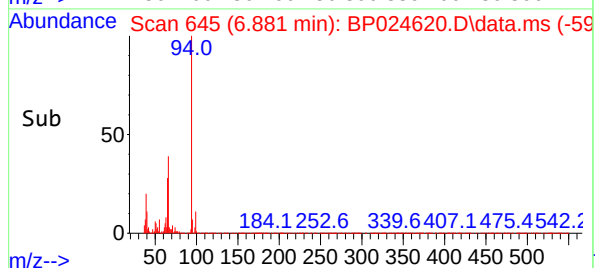
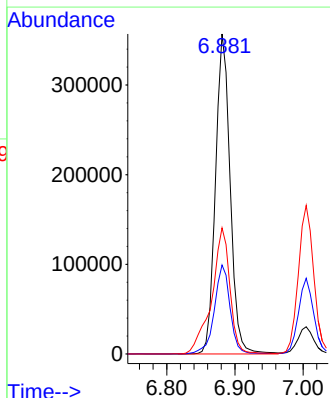
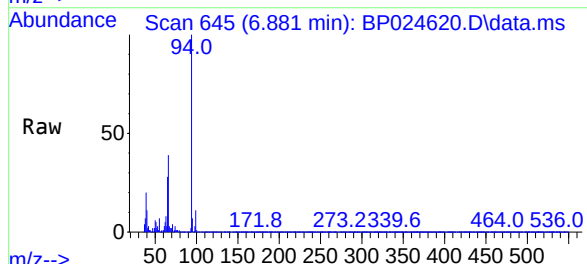
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

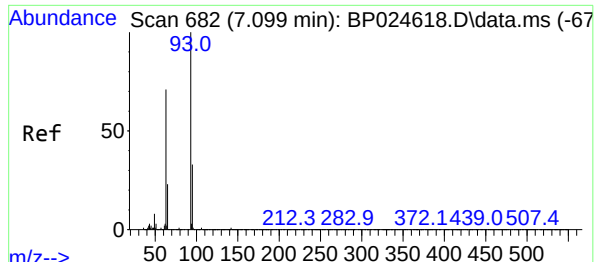
Tgt Ion: 77 Resp: 305987
Ion Ratio Lower Upper
77 100
105 101.6 83.3 123.3
106 95.5 78.0 118.0



#10
Phenol
Concen: 65.04 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 94 Resp: 535743
Ion Ratio Lower Upper
94 100
65 27.8 8.7 48.7
66 39.4 19.4 59.4





#11

bis(2-Chloroethyl)ether

Concen: 61.60 ng

RT: 7.099 min Scan# 682

Delta R.T. -0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

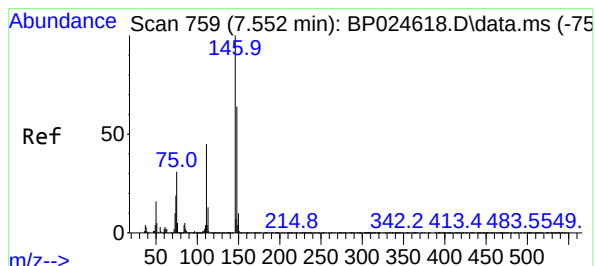
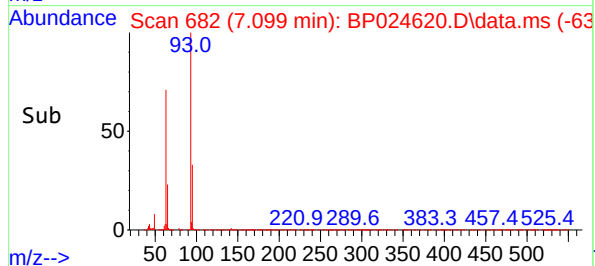
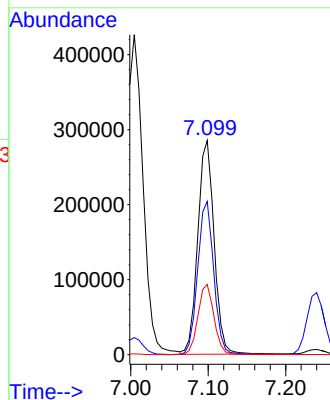
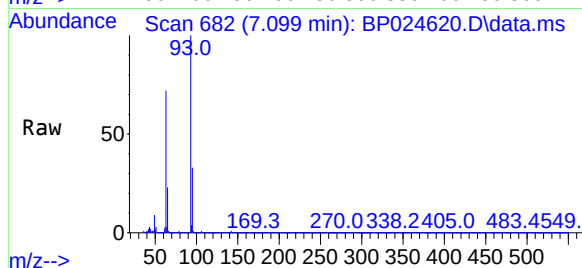
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 93 Resp: 416957

Ion	Ratio	Lower	Upper
93	100		
63	71.6	50.6	90.6
95	32.8	12.9	52.9



#12

1,3-Dichlorobenzene

Concen: 60.75 ng

RT: 7.552 min Scan# 759

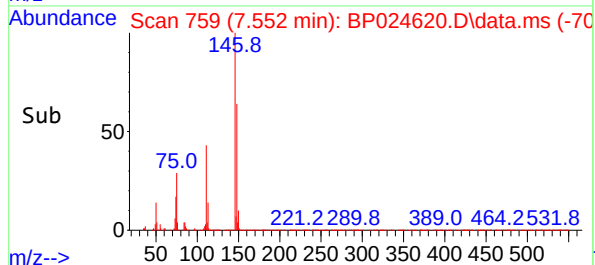
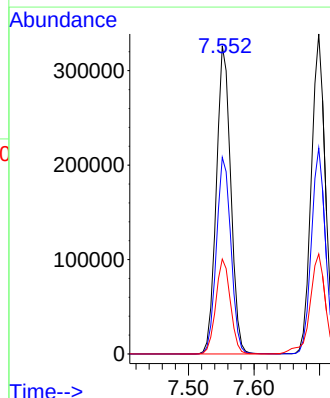
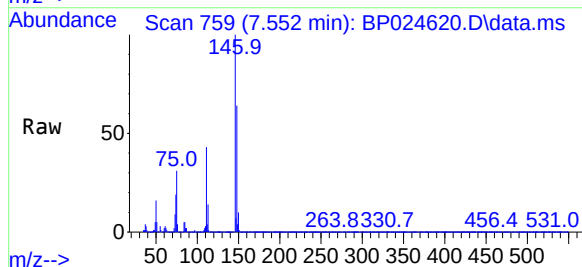
Delta R.T. -0.000 min

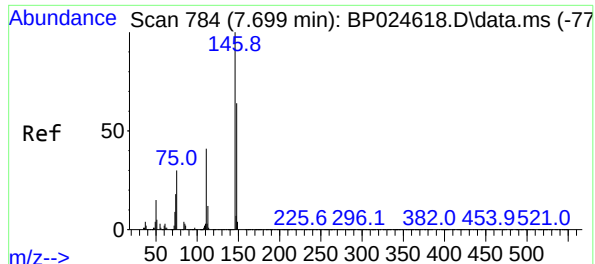
Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion: 146 Resp: 496139

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.2
75	30.8	25.2	37.8





#13

1,4-Dichlorobenzene

Concen: 61.20 ng

RT: 7.699 min Scan# 784

Delta R.T. -0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

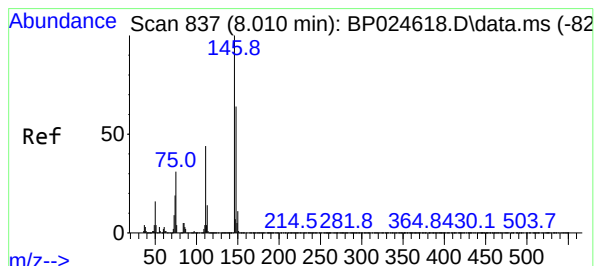
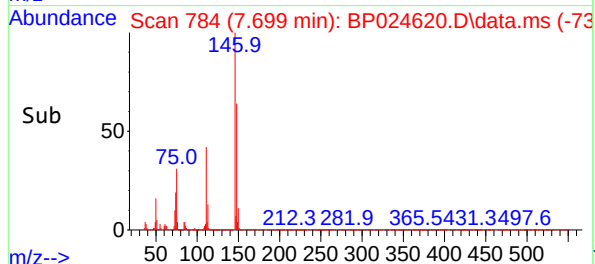
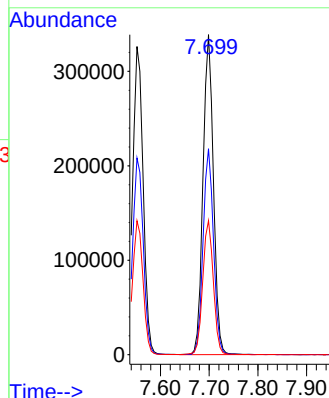
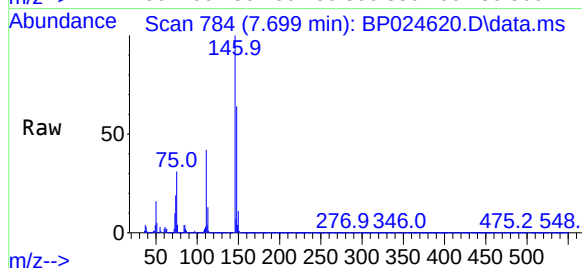
Tgt Ion:146 Resp: 502743

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

111 41.9 33.0 49.6



#14

1,2-Dichlorobenzene

Concen: 61.27 ng

RT: 8.010 min Scan# 837

Delta R.T. -0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

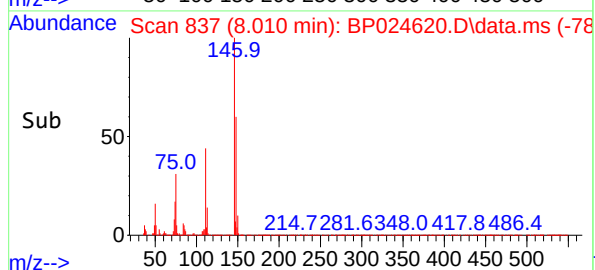
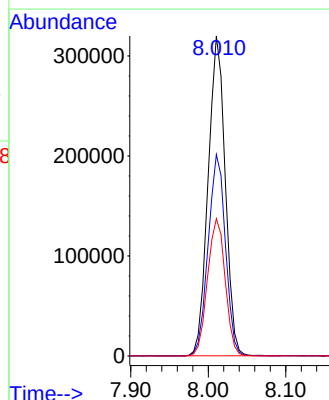
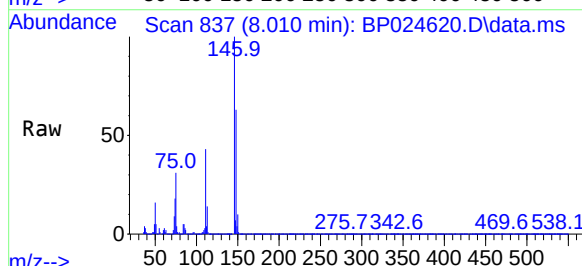
Tgt Ion:146 Resp: 490458

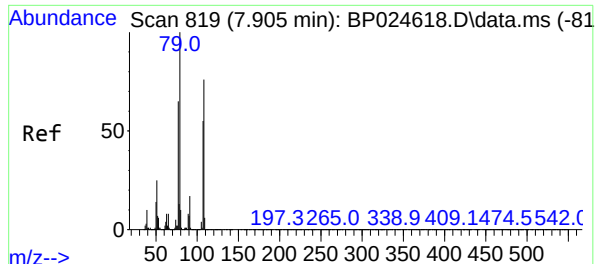
Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.4

111 42.9 35.2 52.8





#15

Benzyl Alcohol

Concen: 68.12 ng

RT: 7.910 min Scan# 819

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

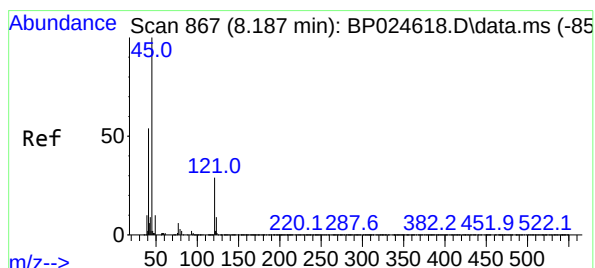
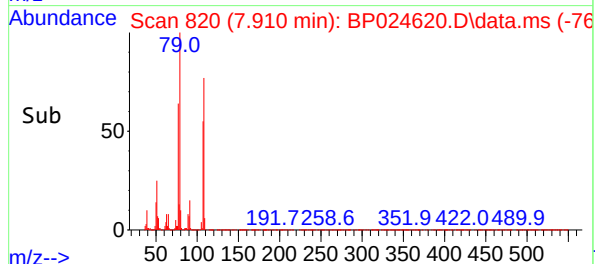
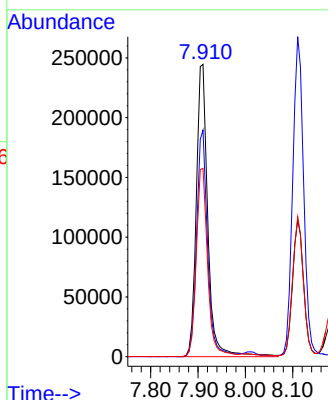
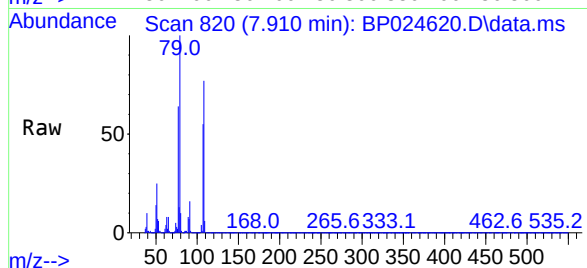
Tgt Ion: 79 Resp: 413146

Ion Ratio Lower Upper

79 100

108 77.5 60.8 91.2

77 64.4 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 61.93 ng

RT: 8.181 min Scan# 866

Delta R.T. -0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

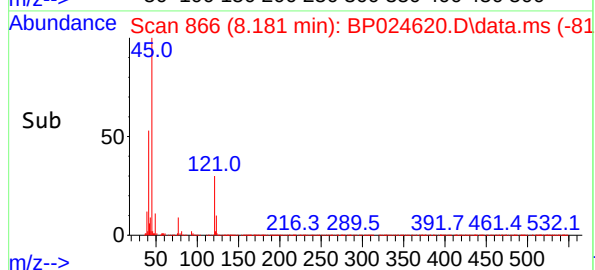
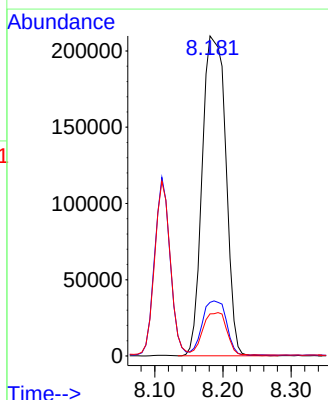
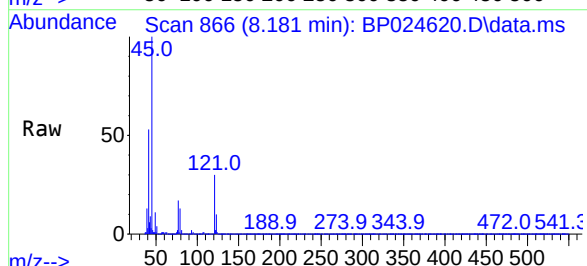
Tgt Ion: 45 Resp: 501972

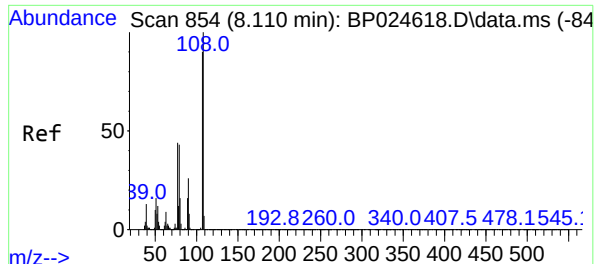
Ion Ratio Lower Upper

45 100

77 16.7 0.0 37.7

79 13.1 0.0 34.0





#17

2-Methylphenol

Concen: 65.89 ng

RT: 8.110 min Scan# 8

Delta R.T. 0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:107 Resp: 389272

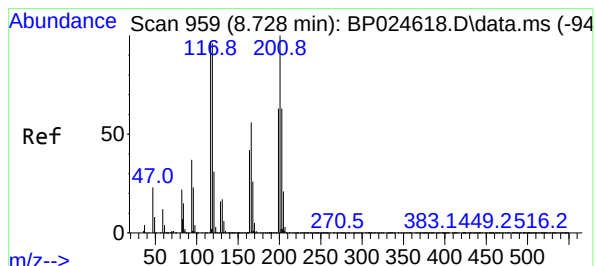
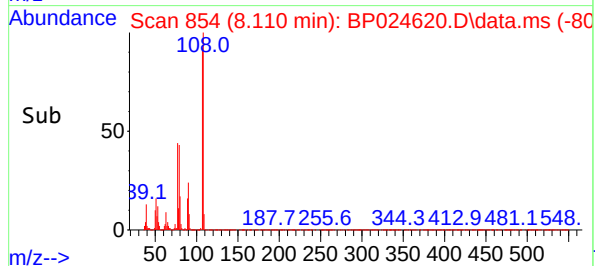
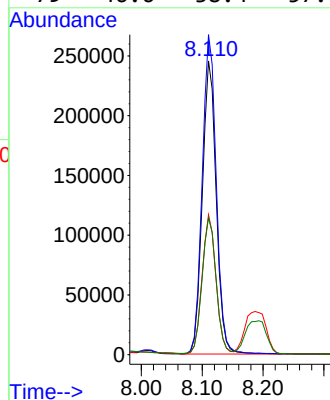
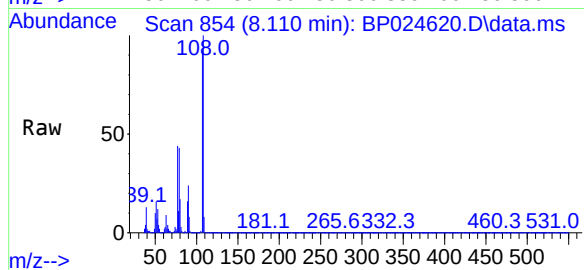
Ion Ratio Lower Upper

107 100

108 109.0 88.9 133.3

77 47.6 39.0 58.6

79 46.6 38.4 57.6



#18

Hexachloroethane

Concen: 60.85 ng

RT: 8.728 min Scan# 959

Delta R.T. 0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

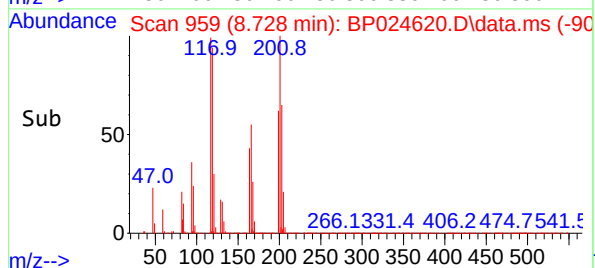
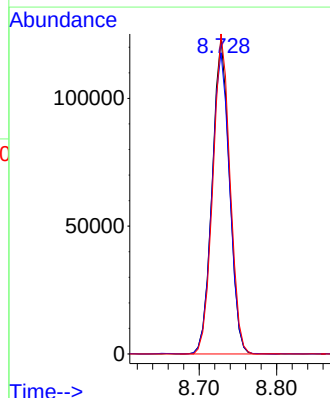
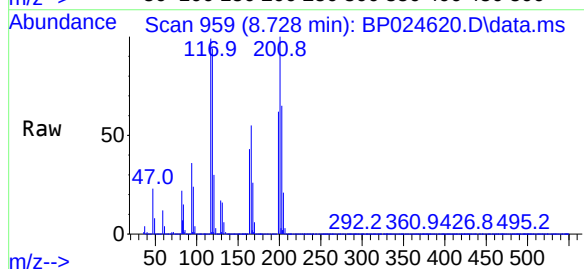
Tgt Ion:117 Resp: 191530

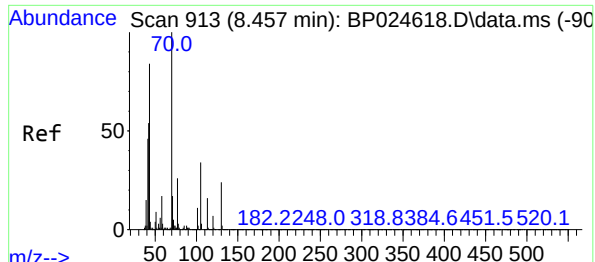
Ion Ratio Lower Upper

117 100

119 95.3 79.4 119.0

201 101.2 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 65.76 ng

RT: 8.463 min Scan# 913

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 363059

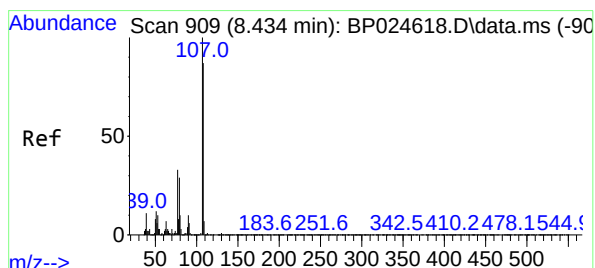
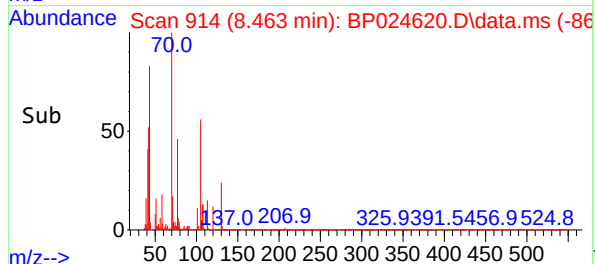
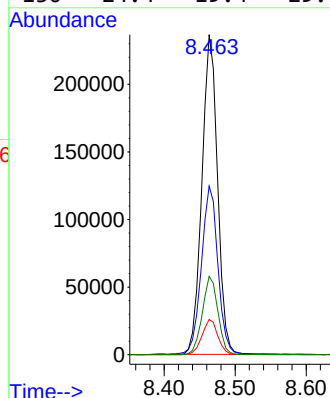
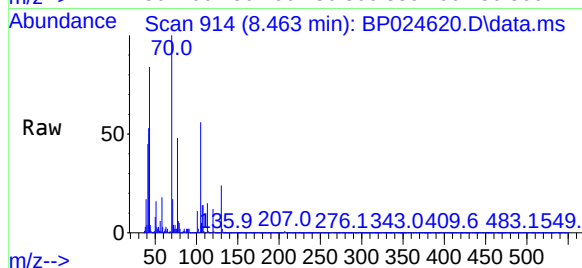
Ion Ratio Lower Upper

70 100

42 52.7 43.0 64.6

101 11.0 8.7 13.1

130 24.4 19.4 29.0



#20

3+4-Methylphenols

Concen: 67.57 ng

RT: 8.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion: 107 Resp: 543003

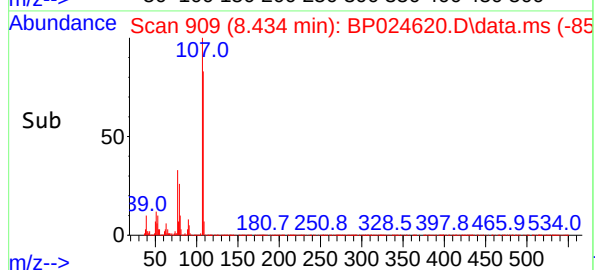
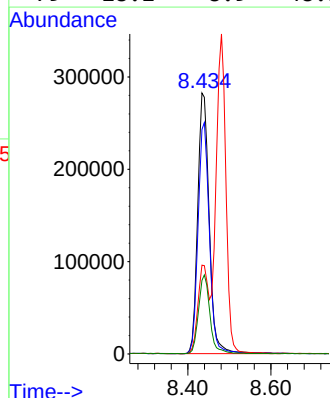
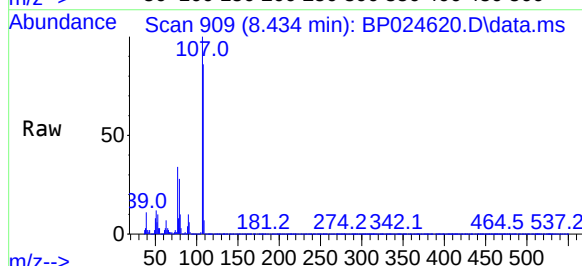
Ion Ratio Lower Upper

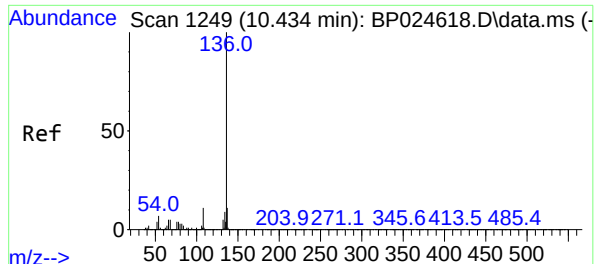
107 100

108 86.0 66.7 106.7

77 34.0 13.1 53.1

79 28.2 8.9 48.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.434 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 484921

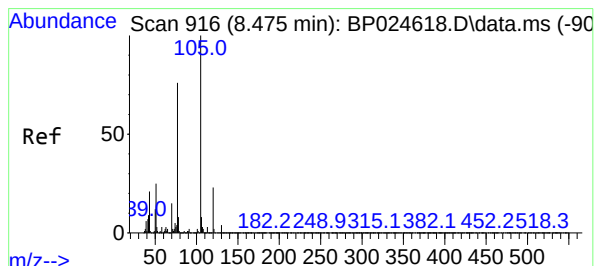
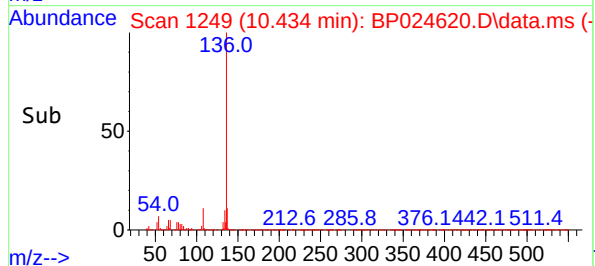
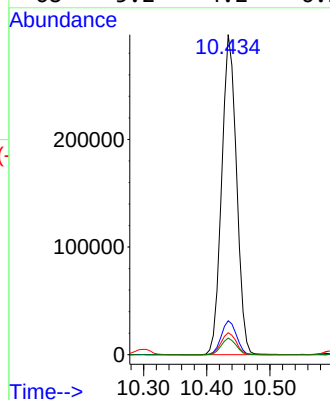
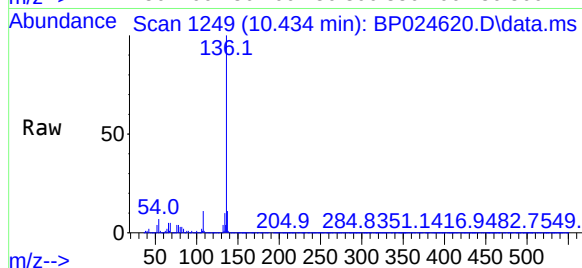
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.8 5.5 8.3

68 5.2 4.2 6.2



#22

Acetophenone

Concen: 61.45 ng

RT: 8.481 min Scan# 917

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion:105 Resp: 744359

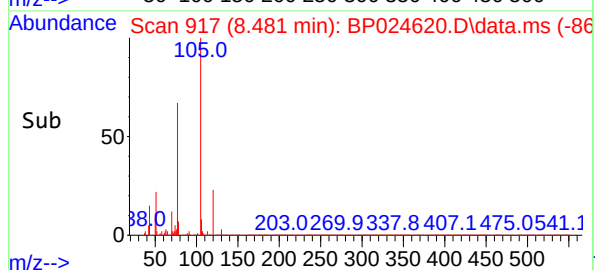
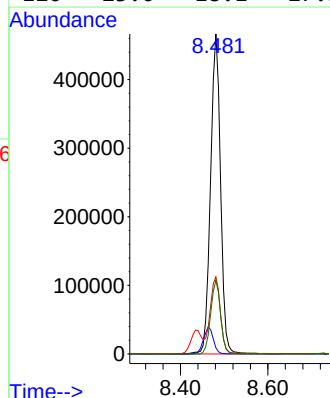
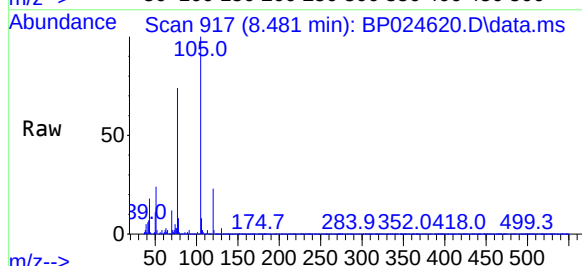
Ion Ratio Lower Upper

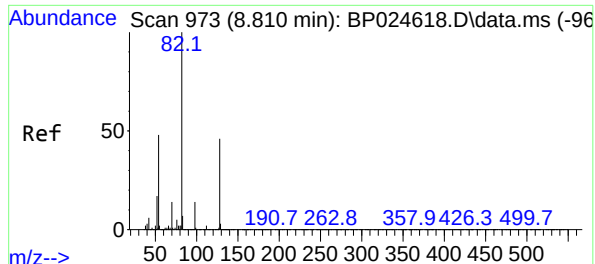
105 100

71 1.9 2.0 3.0#

51 24.1 20.4 30.6

120 23.0 18.1 27.1





#23

Nitrobenzene-d5

Concen: 123.80 ng

RT: 8.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

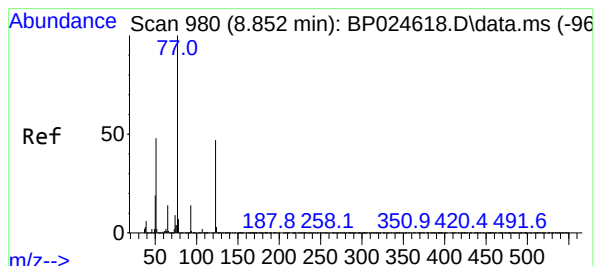
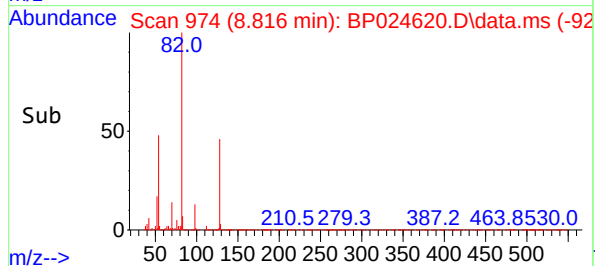
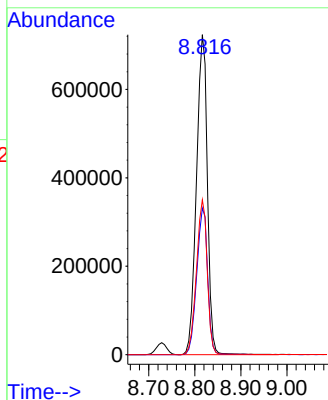
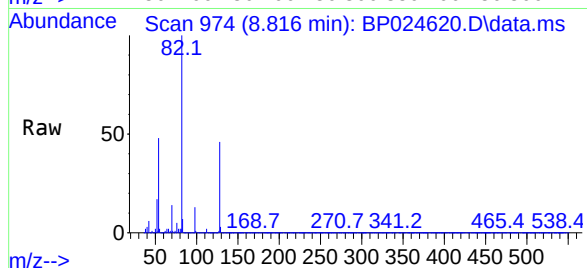
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1188192

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.0	55.4
54	48.4	38.7	58.1



#24

Nitrobenzene

Concen: 61.34 ng

RT: 8.857 min Scan# 981

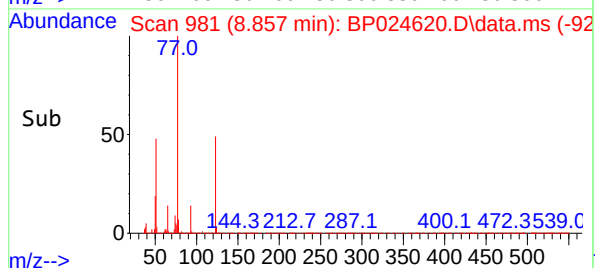
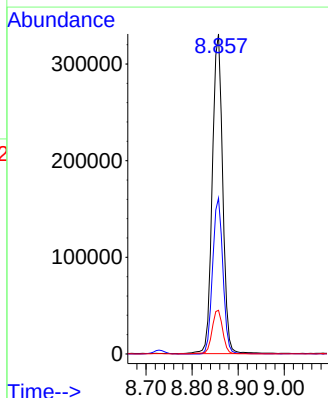
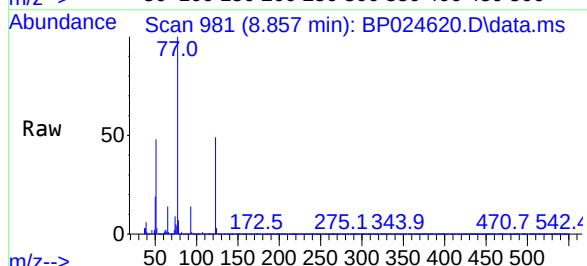
Delta R.T. 0.006 min

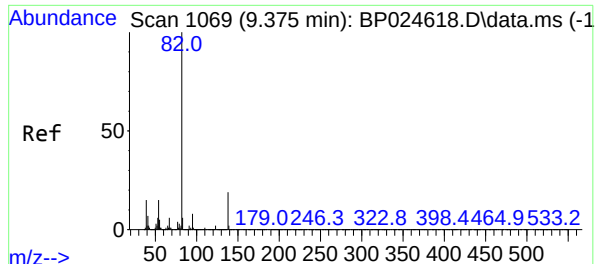
Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion: 77 Resp: 518098

Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.4	56.0
65	13.7	11.3	16.9





#25

Isophorone

Concen: 62.98 ng

RT: 9.381 min Scan# 10

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

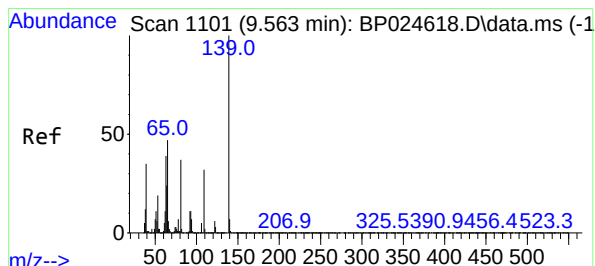
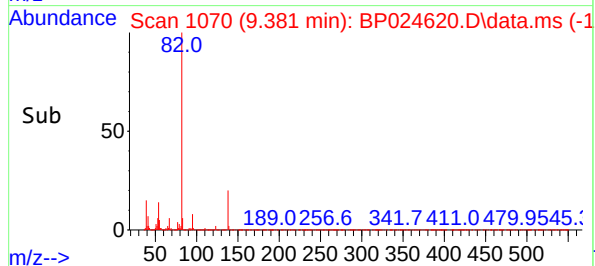
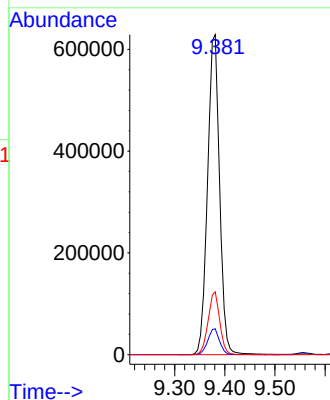
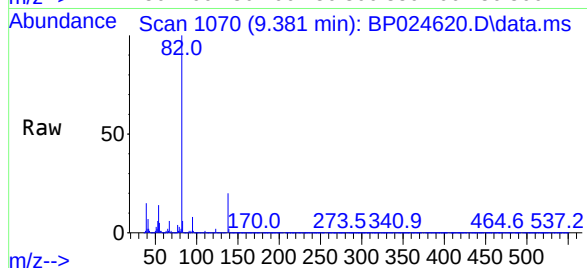
Tgt Ion: 82 Resp: 1048461

Ion Ratio Lower Upper

82 100

95 8.1 6.3 9.5

138 19.7 15.3 22.9



#26

2-Nitrophenol

Concen: 67.36 ng

RT: 9.557 min Scan# 1100

Delta R.T. -0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

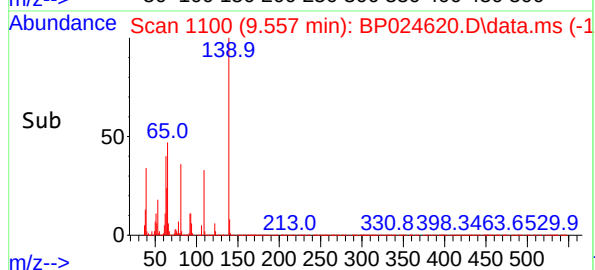
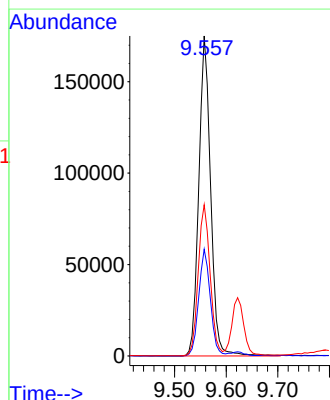
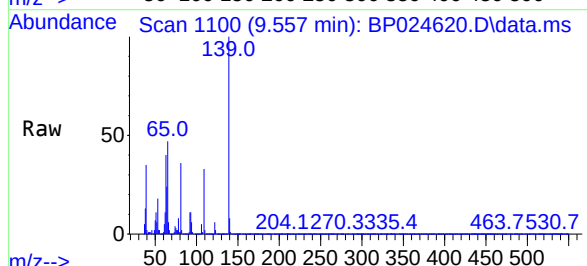
Tgt Ion: 139 Resp: 278764

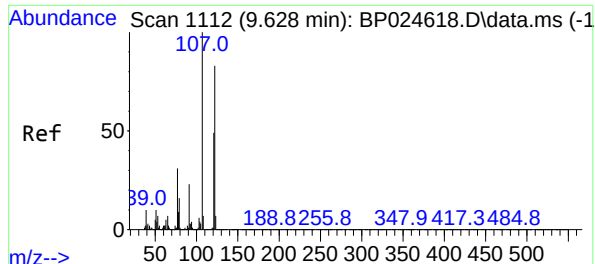
Ion Ratio Lower Upper

139 100

109 33.4 25.9 38.9

65 47.3 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 63.34 ng

RT: 9.622 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

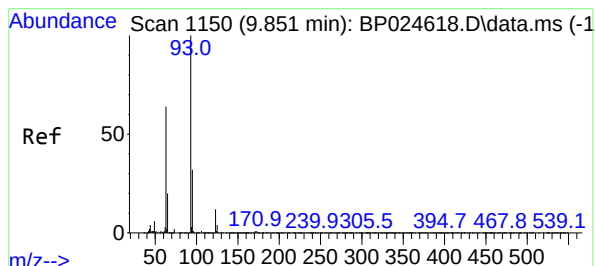
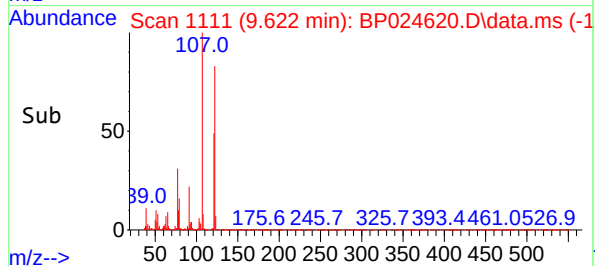
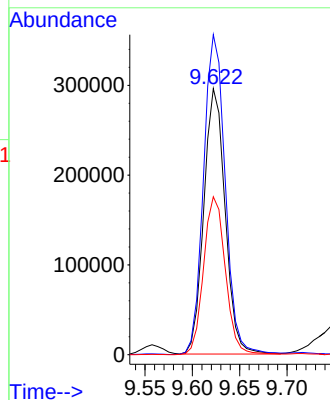
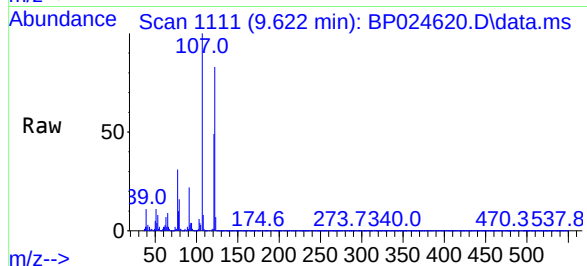
Tgt Ion:122 Resp: 462148

Ion Ratio Lower Upper

122 100

107 120.2 96.2 144.2

121 59.3 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 61.35 ng

RT: 9.851 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

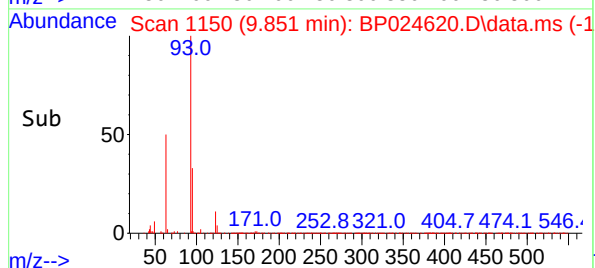
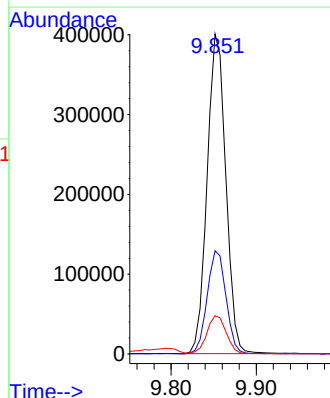
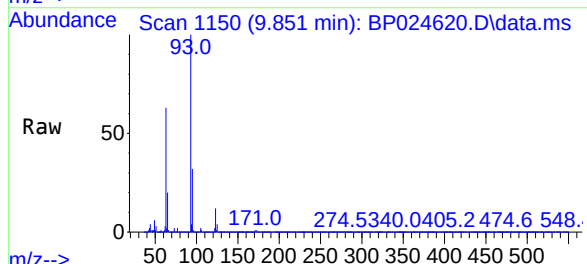
Tgt Ion: 93 Resp: 610221

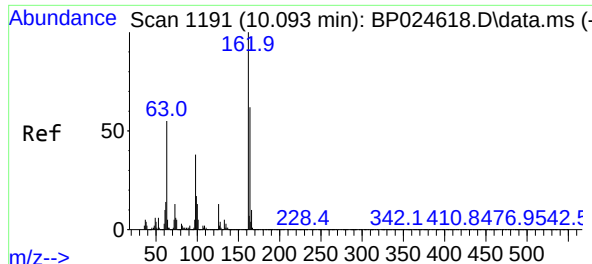
Ion Ratio Lower Upper

93 100

95 32.2 25.5 38.3

123 11.9 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 65.03 ng

RT: 10.093 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

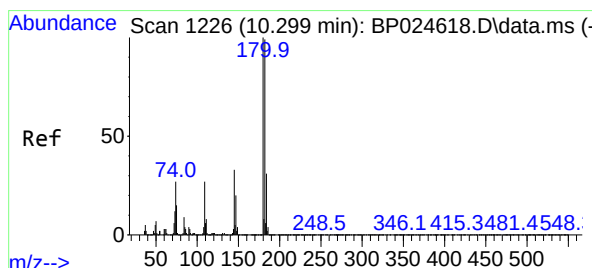
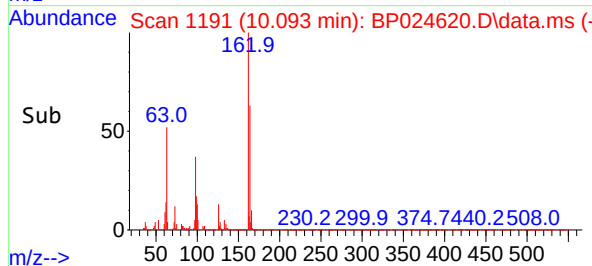
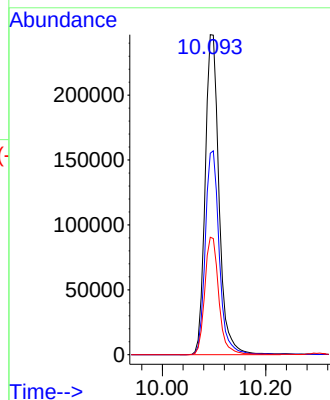
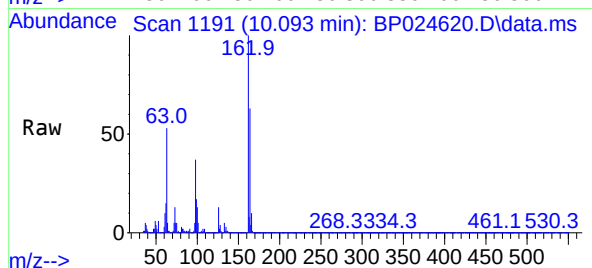
Tgt Ion:162 Resp: 459806

Ion Ratio Lower Upper

162 100

164 62.9 42.3 82.3

98 36.7 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 60.05 ng

RT: 10.299 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

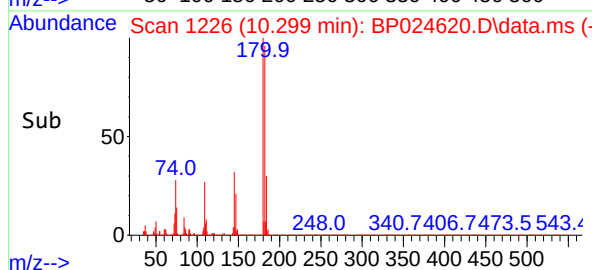
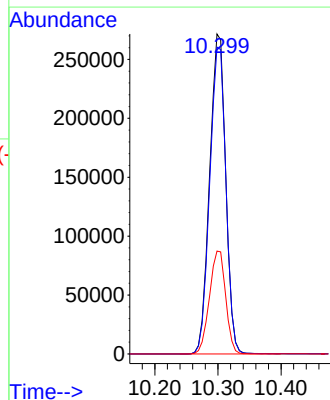
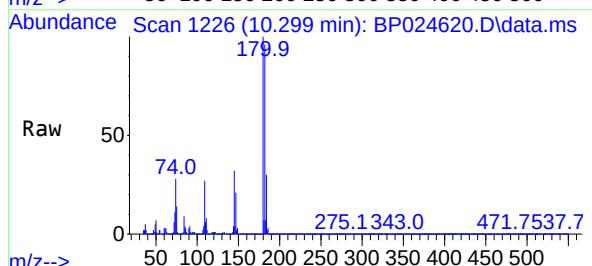
Tgt Ion:180 Resp: 478505

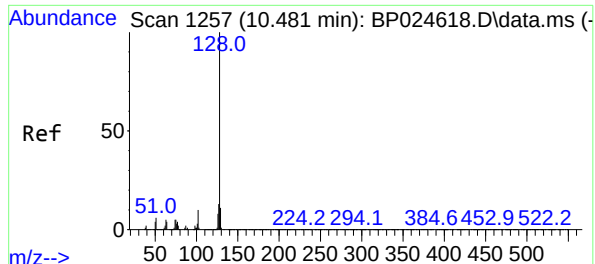
Ion Ratio Lower Upper

180 100

182 95.9 79.0 118.4

145 32.2 26.6 39.8





#31

Naphthalene

Concen: 60.03 ng

RT: 10.487 min Scan# 1141

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

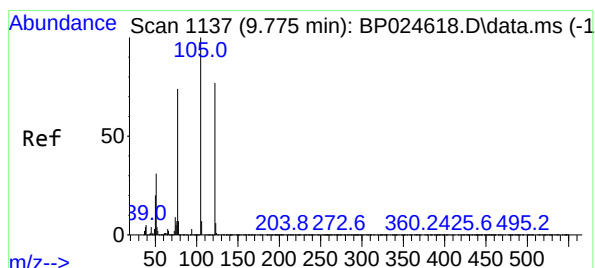
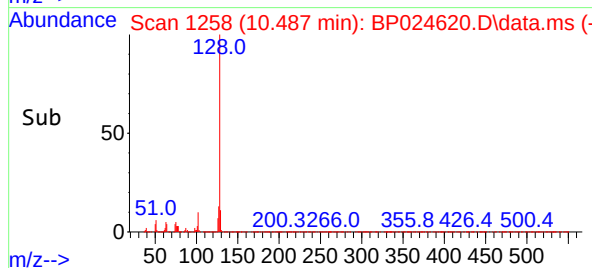
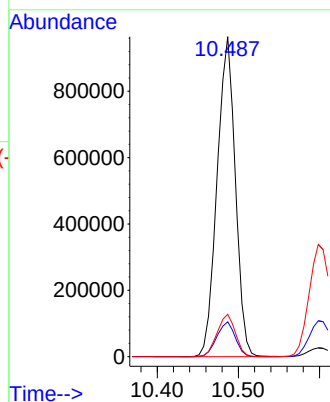
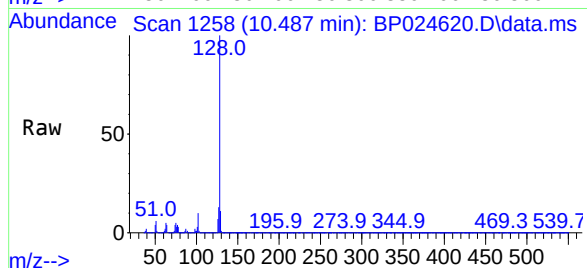
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:128 Resp: 1508460

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.3	10.7	16.1



#32

Benzoic acid

Concen: 60.53 ng

RT: 9.799 min Scan# 1141

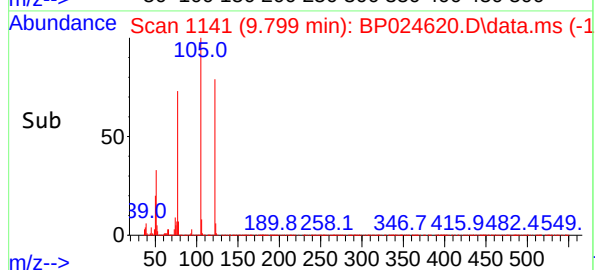
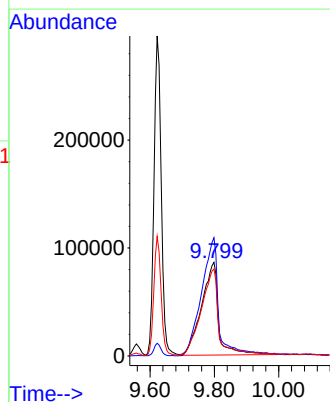
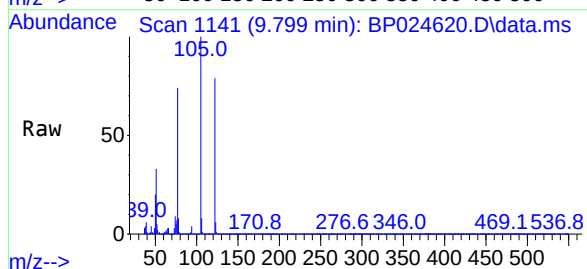
Delta R.T. 0.024 min

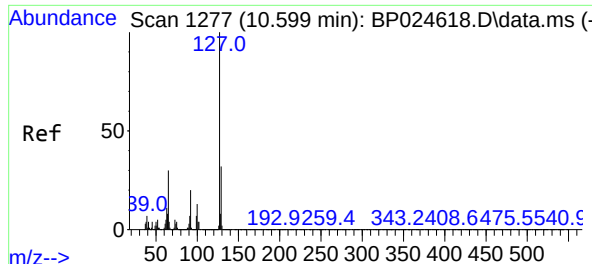
Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion:122 Resp: 319375

Ion	Ratio	Lower	Upper
122	100		
105	126.3	106.9	146.9
77	93.0	75.1	115.1

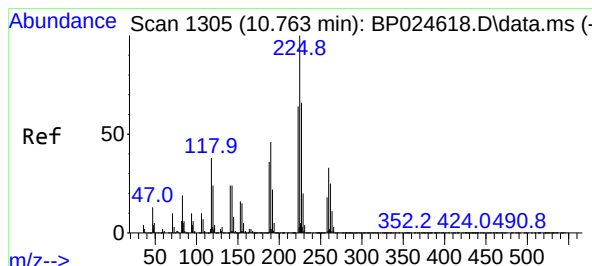
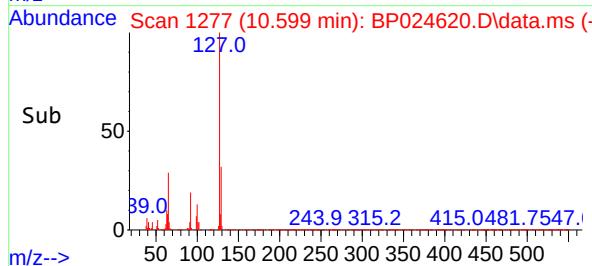
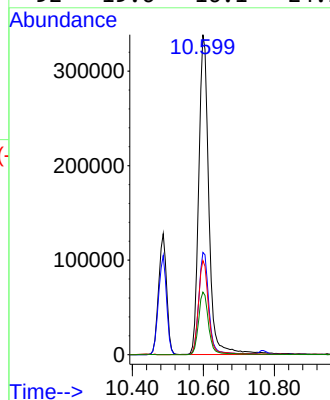
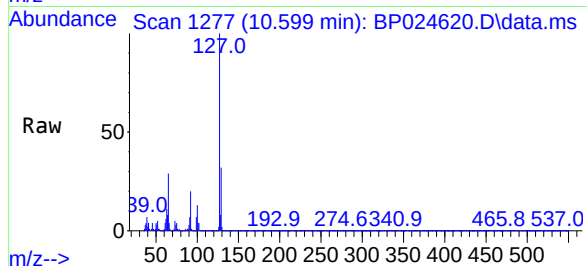




#33
4-Chloroaniline
Concen: 66.26 ng
RT: 10.599 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

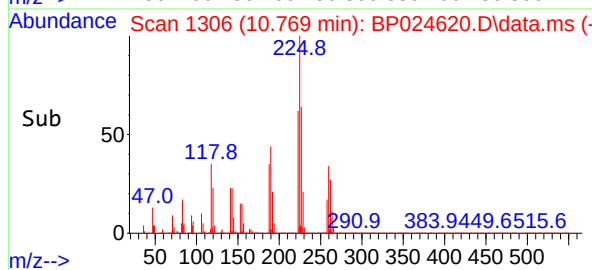
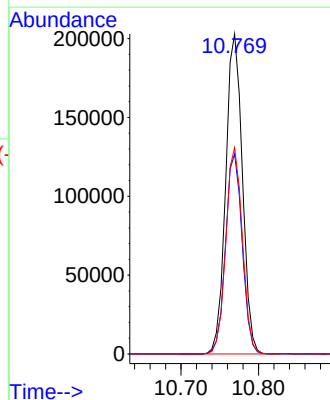
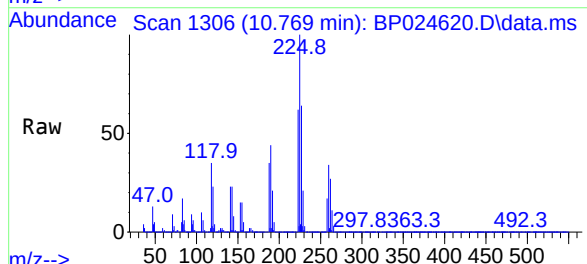
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:	127	Resp:	671888
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	29.4	23.9	35.9
92	19.6	16.1	24.1

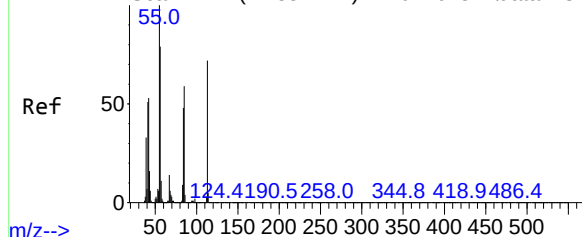


#34
Hexachlorobutadiene
Concen: 58.79 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:	225	Resp:	303458
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	64.5	53.1	79.7



Abundance Scan 1411 (11.387 min): BP024618.D\data.ms (-



#35

Caprolactam

Concen: 68.70 ng

RT: 11.404 min Scan# 1411

Delta R.T. 0.018 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:113 Resp: 175653

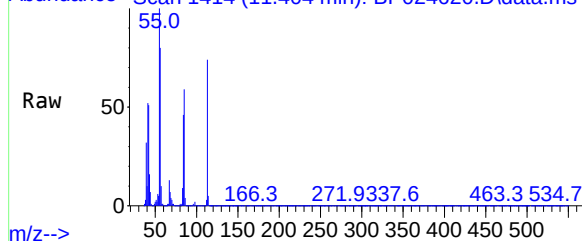
Ion Ratio Lower Upper

113 100

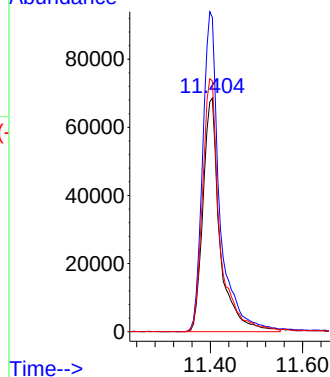
55 134.5 119.0 159.0

56 107.3 90.3 130.3

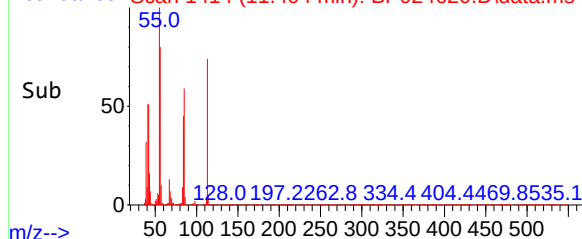
Abundance Scan 1414 (11.404 min): BP024620.D\data.ms



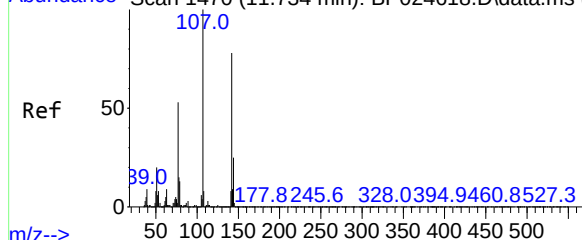
Abundance



Abundance Scan 1414 (11.404 min): BP024620.D\data.ms (-



Abundance Scan 1470 (11.734 min): BP024618.D\data.ms (-



#36

4-Chloro-3-methylphenol

Concen: 64.84 ng

RT: 11.740 min Scan# 1471

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion:107 Resp: 559138

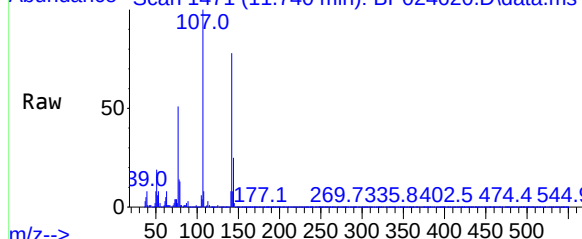
Ion Ratio Lower Upper

107 100

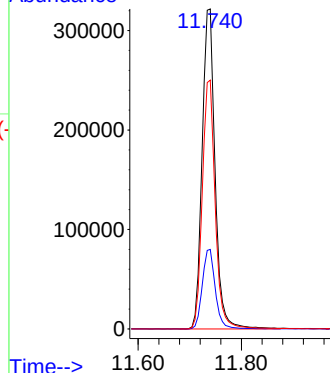
144 24.9 20.1 30.1

142 77.8 62.1 93.1

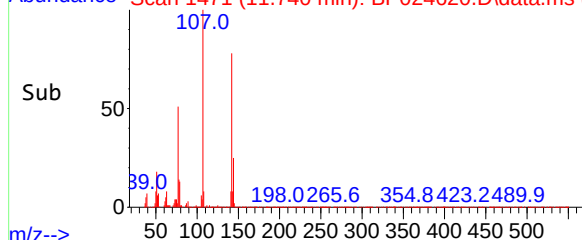
Abundance Scan 1471 (11.740 min): BP024620.D\data.ms

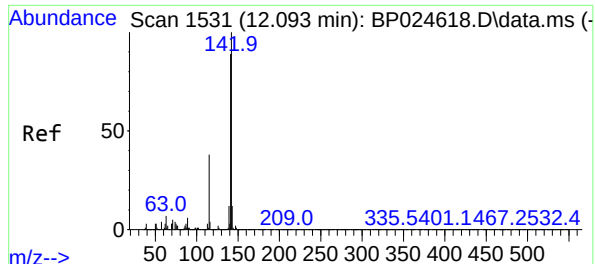


Abundance



Abundance Scan 1471 (11.740 min): BP024620.D\data.ms (-





#37

2-Methylnaphthalene

Concen: 61.96 ng

RT: 12.098 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

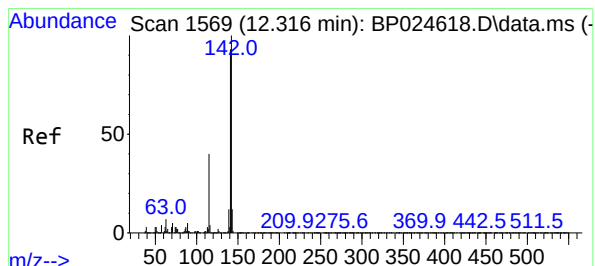
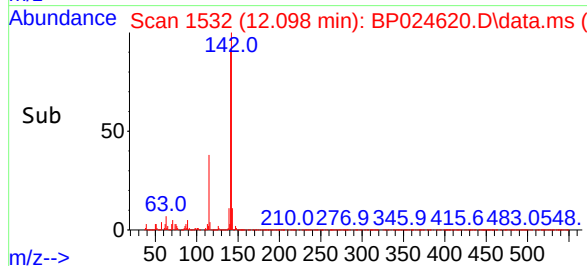
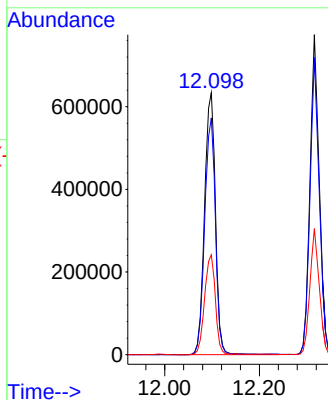
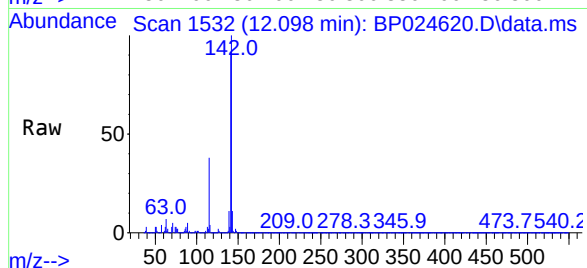
Tgt Ion:142 Resp: 1008171

Ion Ratio Lower Upper

142 100

141 90.4 71.2 106.8

115 38.1 30.6 46.0



#38

1-Methylnaphthalene

Concen: 61.25 ng

RT: 12.316 min Scan# 1569

Delta R.T. -0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

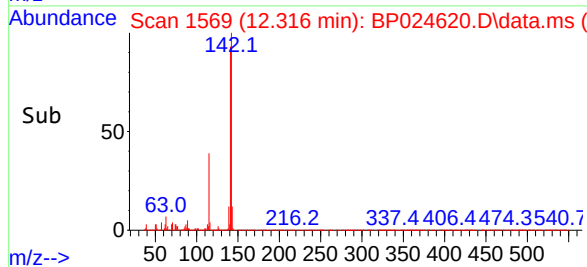
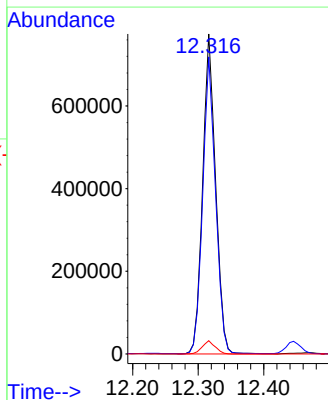
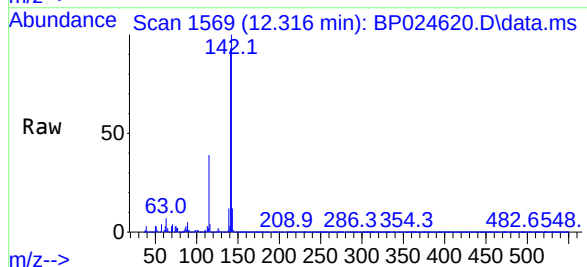
Tgt Ion:142 Resp: 1066290

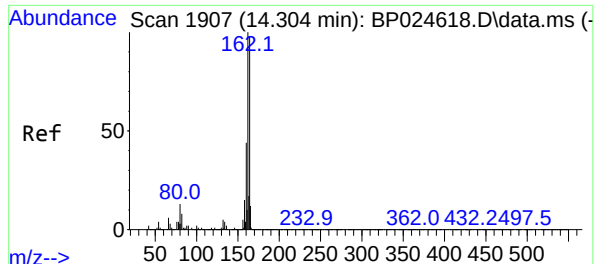
Ion Ratio Lower Upper

142 100

141 92.9 74.7 112.1

116 4.2 3.4 5.2

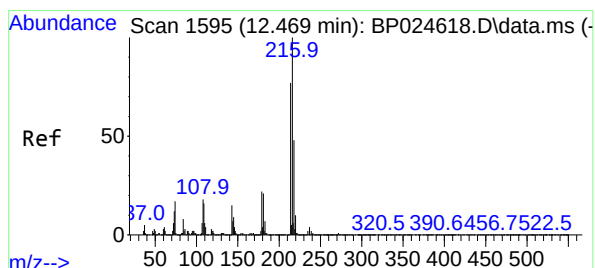
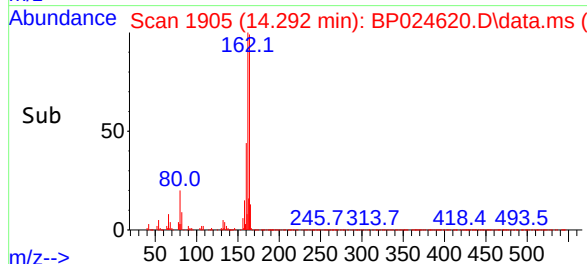
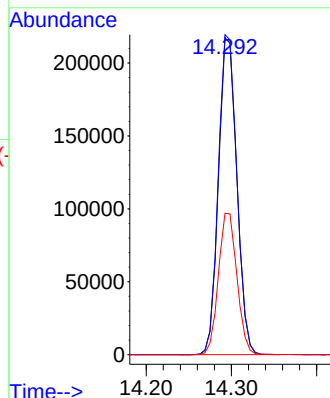
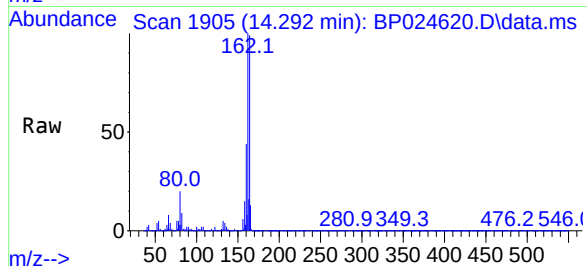




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

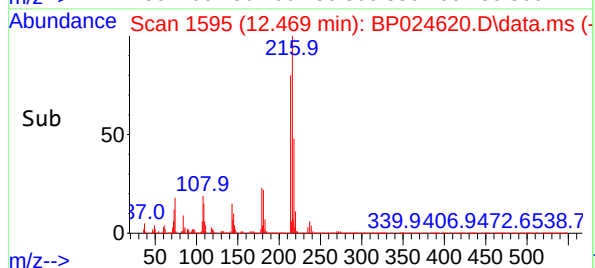
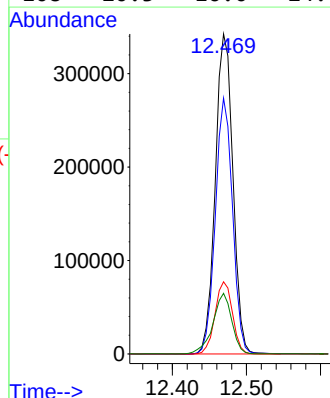
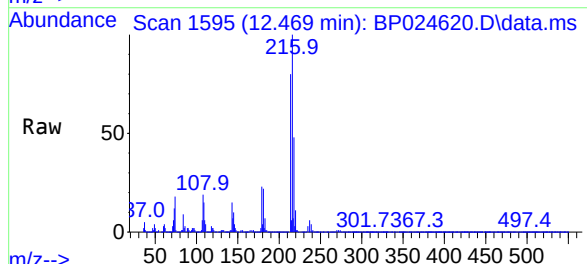
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

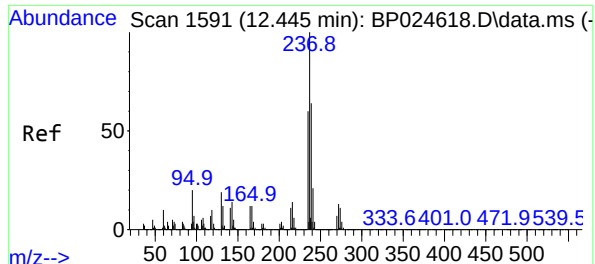
Tgt Ion:164 Resp: 325327
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.6
160 44.6 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.97 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:216 Resp: 566530
Ion Ratio Lower Upper
216 100
214 78.2 62.3 93.5
179 22.4 17.7 26.5
108 20.3 16.0 24.0

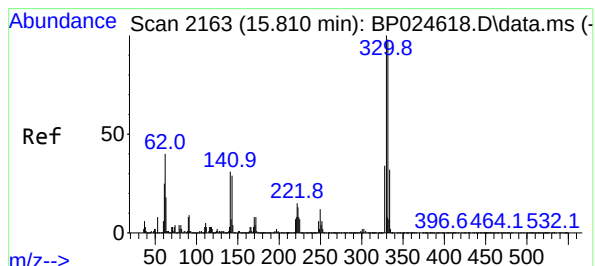
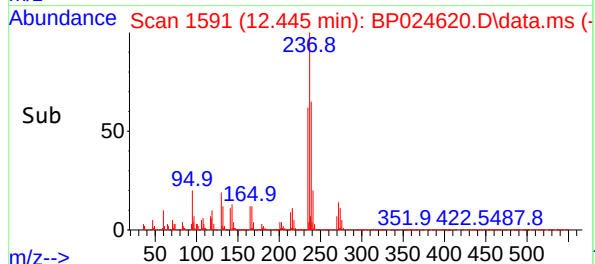
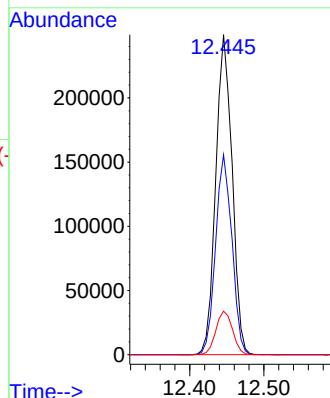
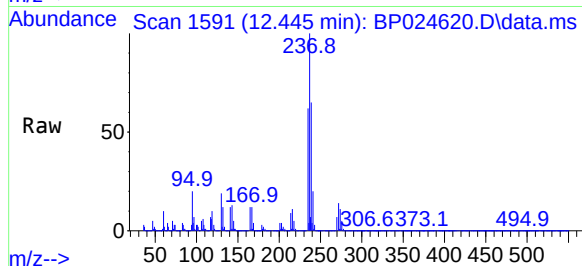




#41
Hexachlorocyclopentadiene
Concen: 66.62 ng
RT: 12.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

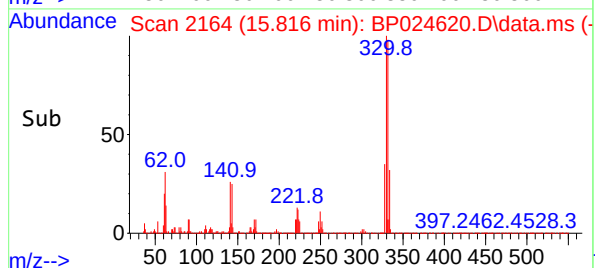
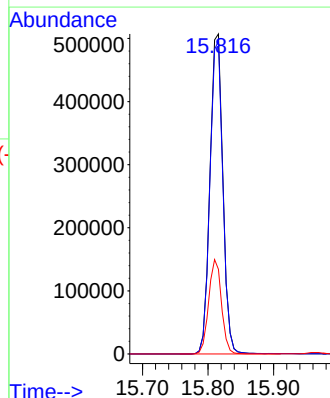
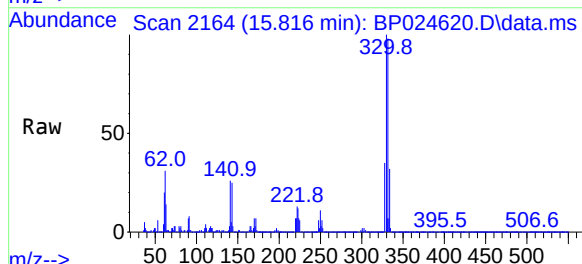
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

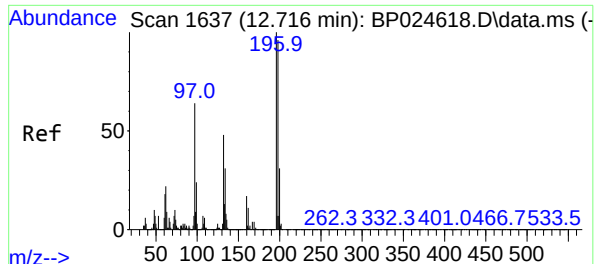
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.4	39.9	79.9
272	13.6	0.0	33.2



#42
2,4,6-Tribromophenol
Concen: 126.27 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.2	117.4
141	29.3	24.3	36.5





#43

2,4,6-Trichlorophenol

Concen: 65.46 ng

RT: 12.716 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

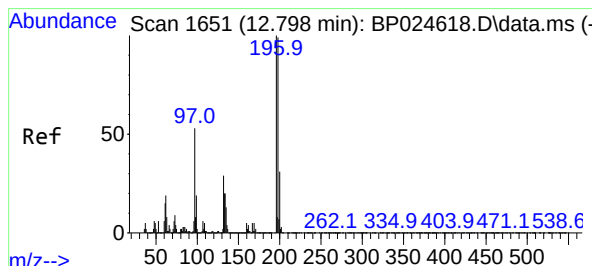
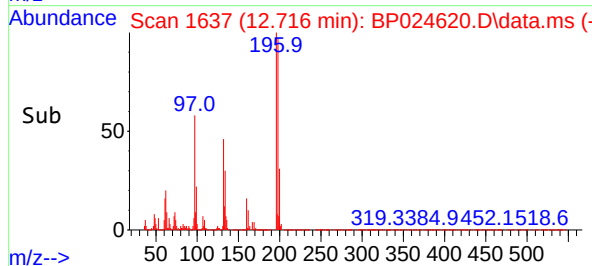
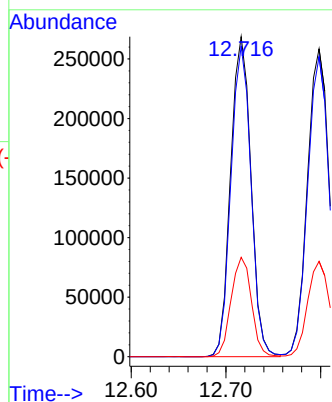
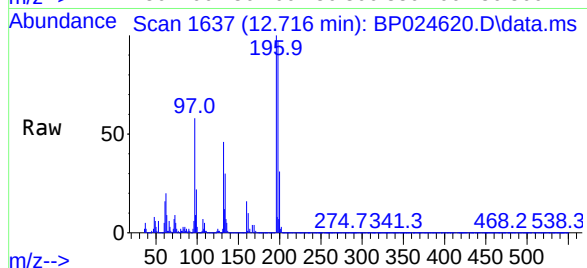
Tgt Ion:196 Resp: 400552

Ion Ratio Lower Upper

196 100

198 97.0 76.9 115.3

200 31.0 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 64.06 ng

RT: 12.798 min Scan# 1651

Delta R.T. 0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Tgt Ion:196 Resp: 436361

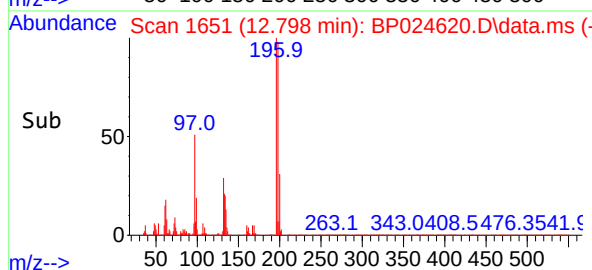
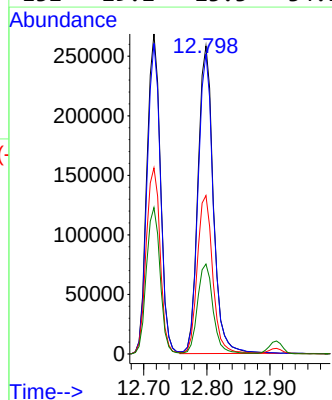
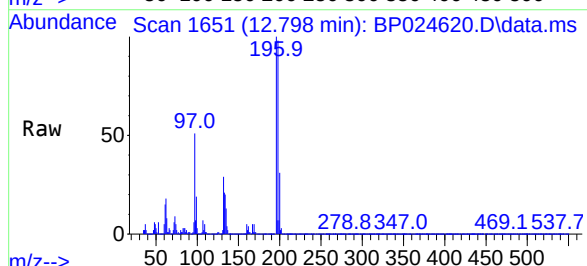
Ion Ratio Lower Upper

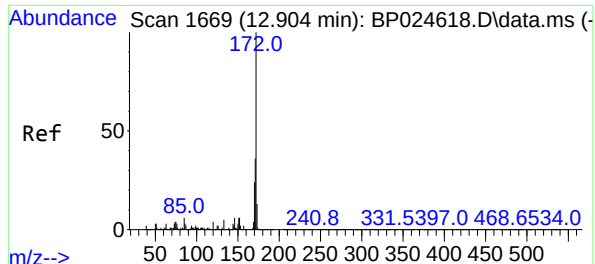
196 100

198 97.5 79.2 118.8

97 51.4 42.3 63.5

132 29.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 119.08 ng

RT: 12.910 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

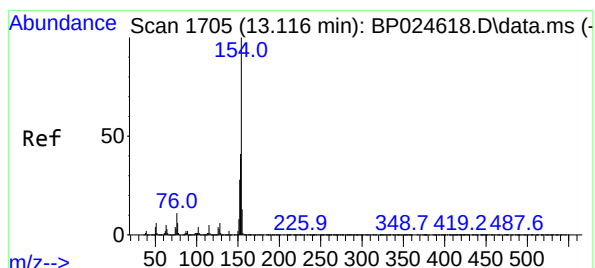
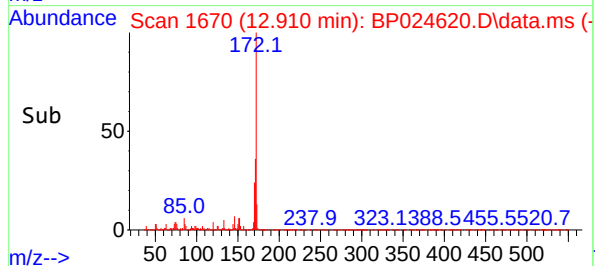
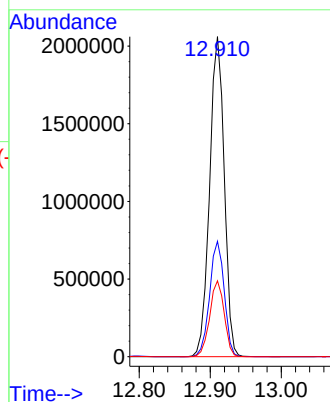
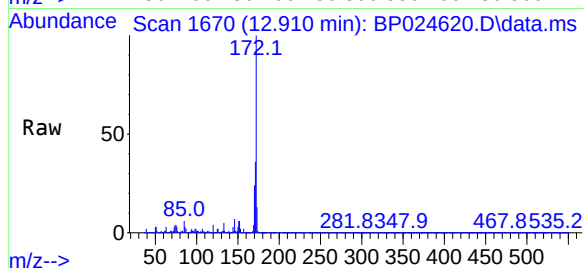
Tgt Ion:172 Resp: 2956939

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.7 18.8 28.2



#46

1,1'-Biphenyl

Concen: 59.80 ng

RT: 13.122 min Scan# 1706

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

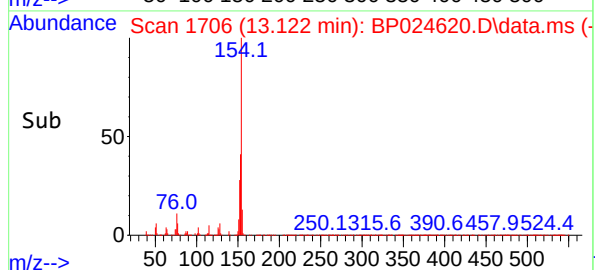
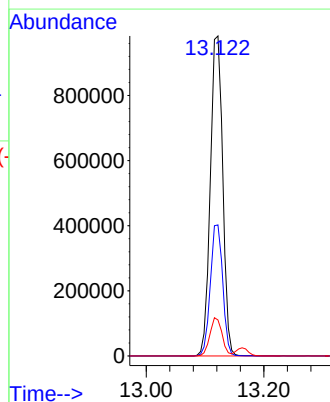
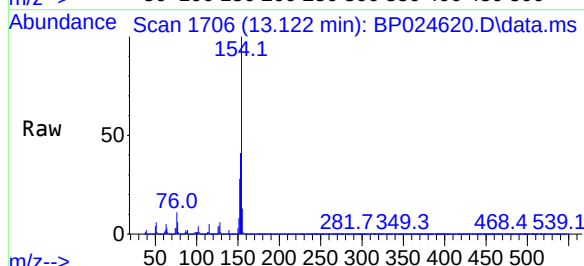
Tgt Ion:154 Resp: 1437786

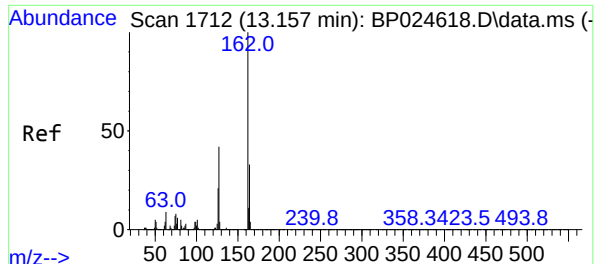
Ion Ratio Lower Upper

154 100

153 41.0 21.0 61.0

76 11.3 0.0 31.5





#47

2-Chloronaphthalene

Concen: 60.29 ng

RT: 13.163 min Scan# 1712

Delta R.T. 0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

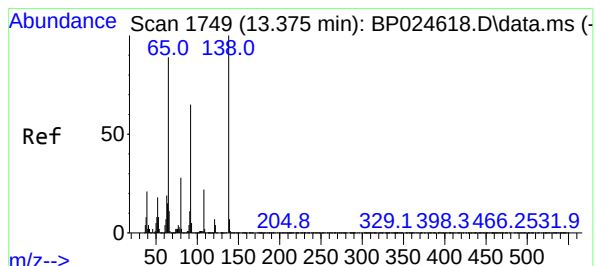
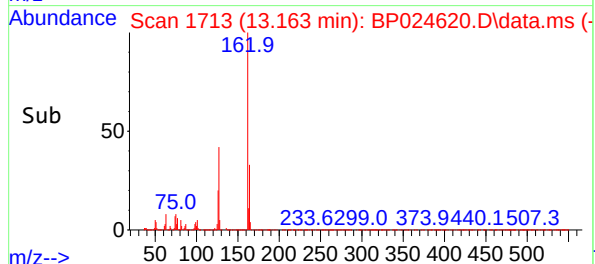
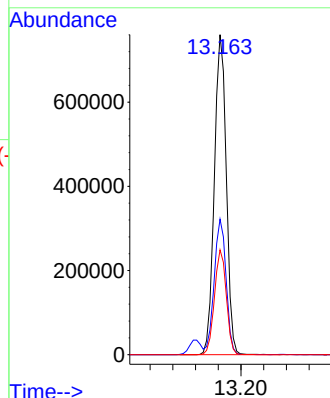
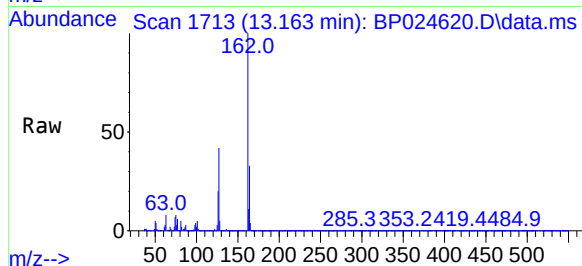
Tgt Ion:162 Resp: 1105298

Ion Ratio Lower Upper

162 100

127 42.3 33.8 50.6

164 32.8 26.0 39.0



#48

2-Nitroaniline

Concen: 65.40 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

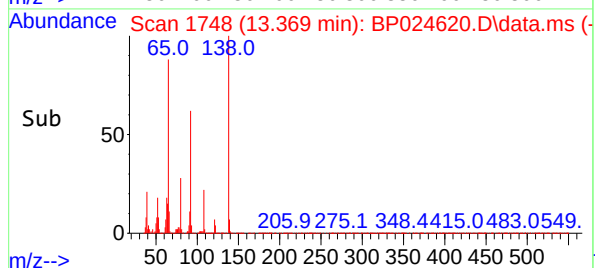
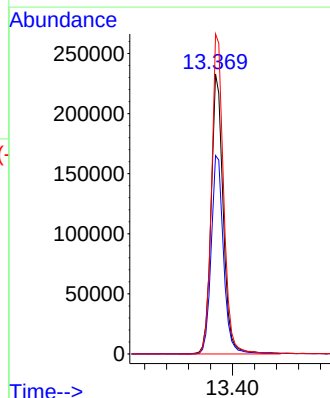
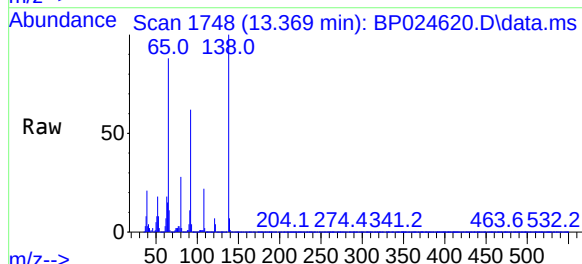
Tgt Ion: 65 Resp: 354977

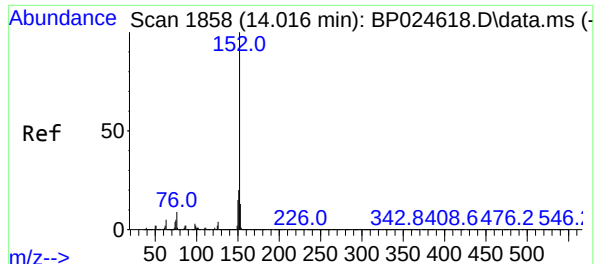
Ion Ratio Lower Upper

65 100

92 70.9 58.7 88.1

138 114.3 90.2 135.2





#49

Acenaphthylene

Concen: 61.41 ng

RT: 14.016 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

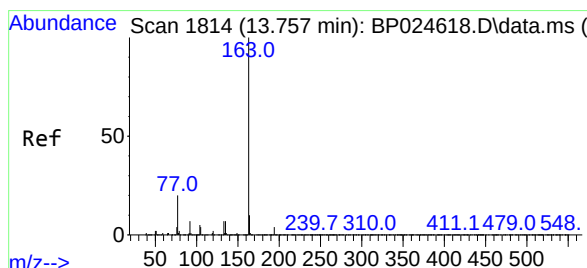
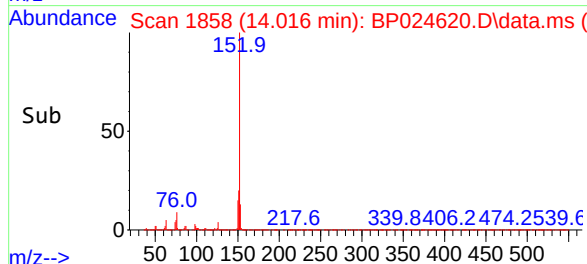
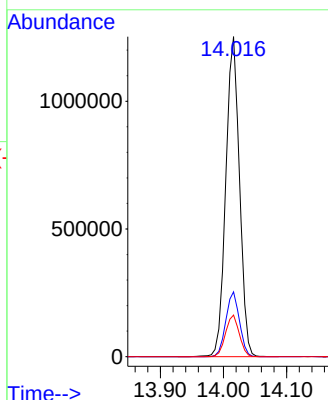
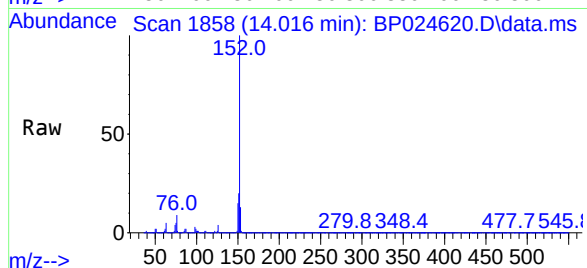
Tgt Ion:152 Resp: 1884018

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.0 10.2 15.4



#50

Dimethylphthalate

Concen: 60.42 ng

RT: 13.757 min Scan# 1814

Delta R.T. -0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

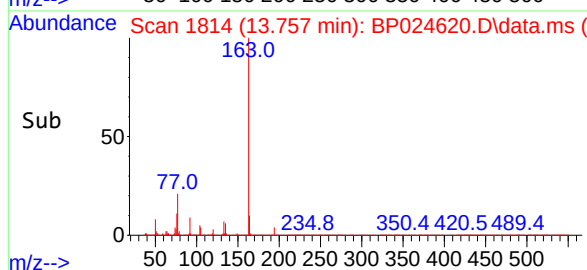
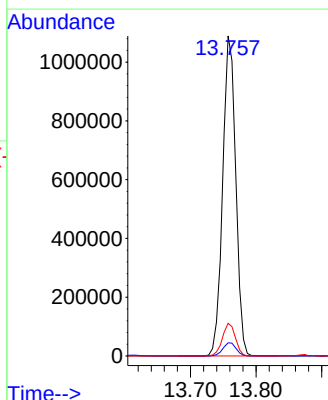
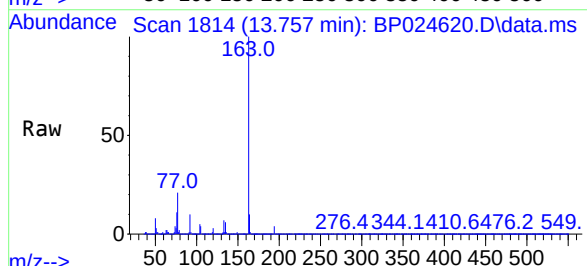
Tgt Ion:163 Resp: 1498318

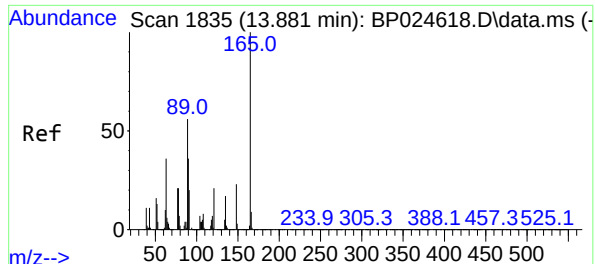
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 62.76 ng

RT: 13.875 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

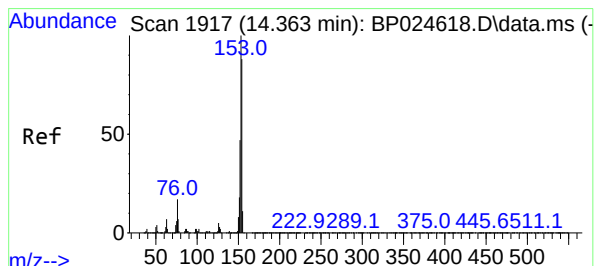
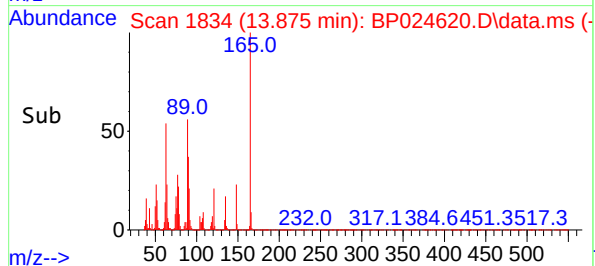
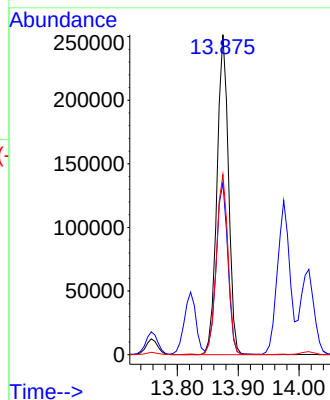
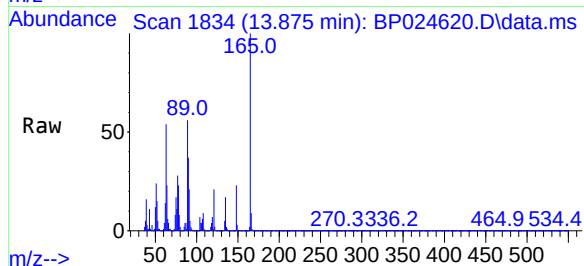
Tgt Ion:165 Resp: 328682

Ion Ratio Lower Upper

165 100

63 53.7 42.4 63.6

89 56.3 44.8 67.2



#52

Acenaphthene

Concen: 60.80 ng

RT: 14.363 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

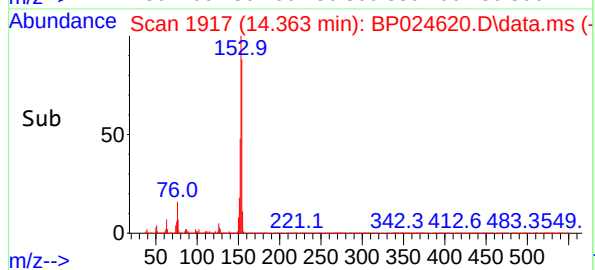
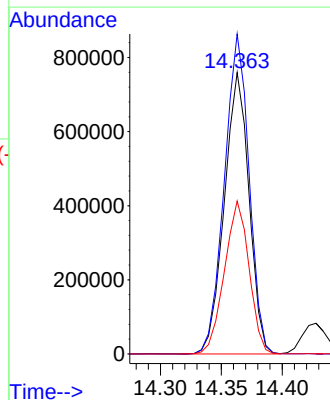
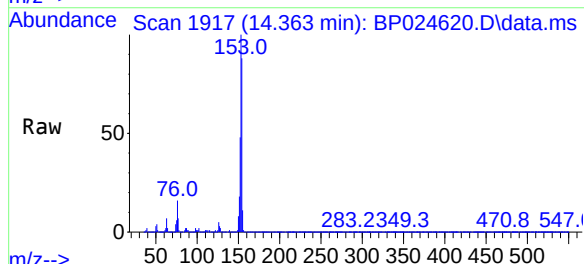
Tgt Ion:154 Resp: 1072483

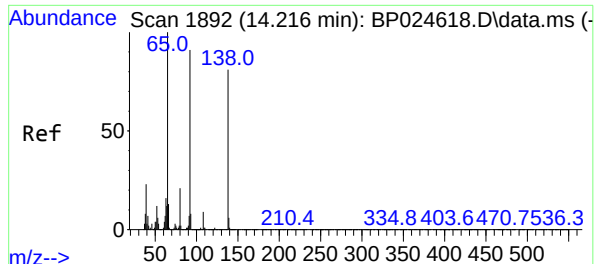
Ion Ratio Lower Upper

154 100

153 113.7 91.0 136.4

152 54.4 42.9 64.3

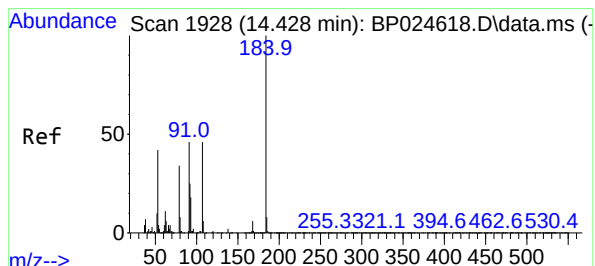
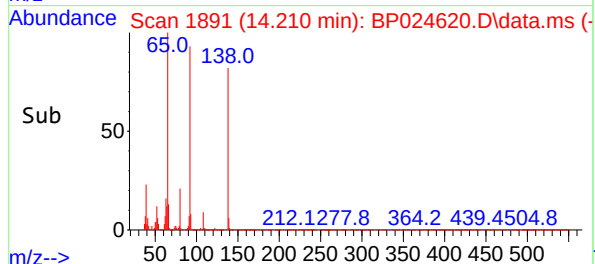
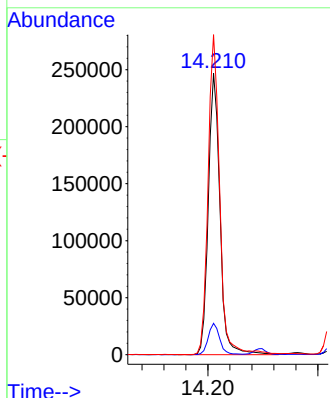
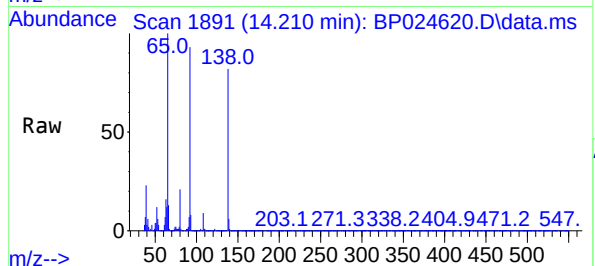




#53
3-Nitroaniline
Concen: 67.54 ng
RT: 14.210 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

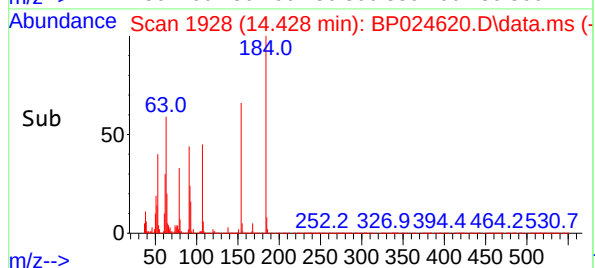
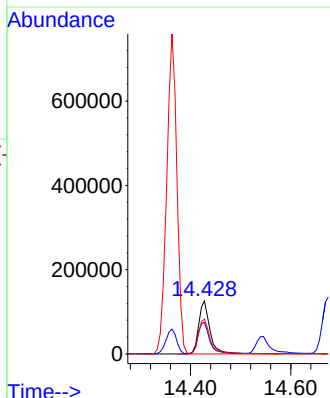
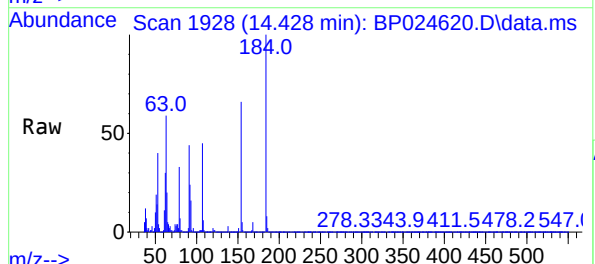
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

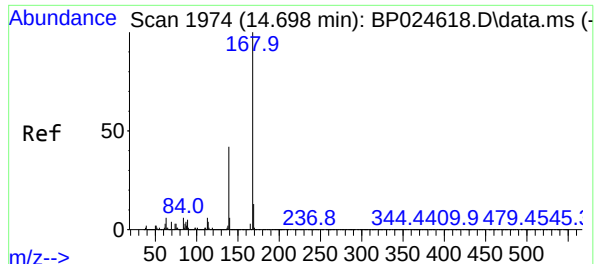
Tgt Ion:138 Resp: 361174
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 113.7 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 61.10 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:184 Resp: 196350
Ion Ratio Lower Upper
184 100
63 59.3 51.3 76.9
154 65.7 53.5 80.3

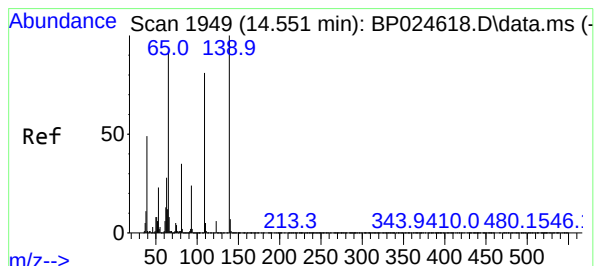
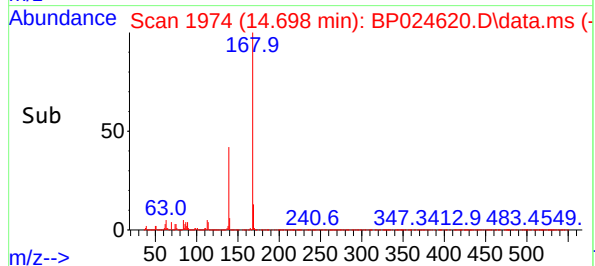
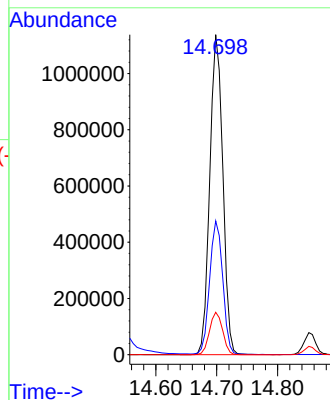
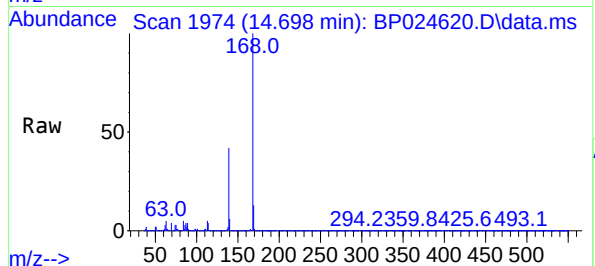




#55
Dibenzofuran
Concen: 60.13 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

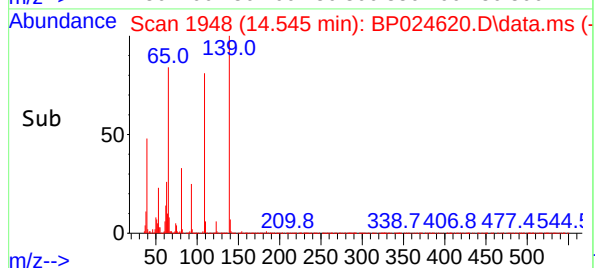
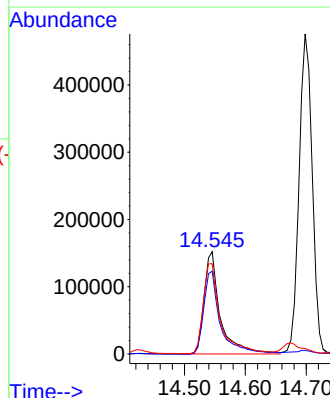
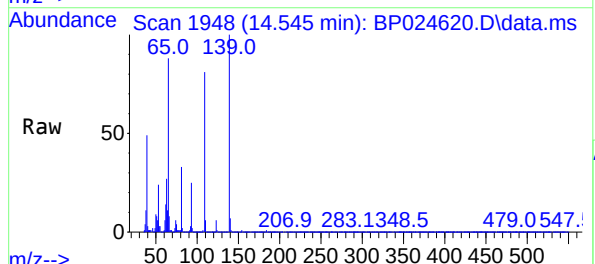
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

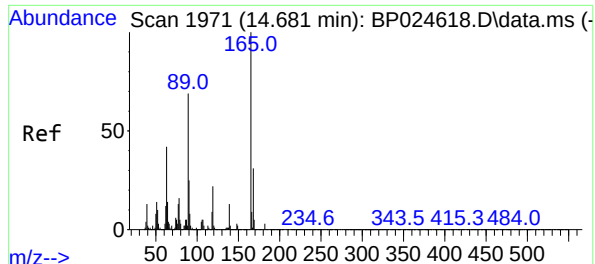
Tgt Ion:168 Resp: 1691790
Ion Ratio Lower Upper
168 100
139 41.8 34.2 51.4
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 61.78 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:139 Resp: 281293
Ion Ratio Lower Upper
139 100
109 80.9 61.4 101.4
65 88.2 72.2 112.2

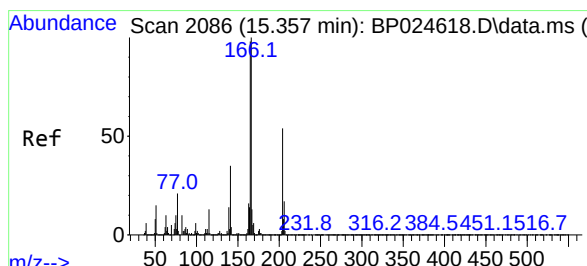
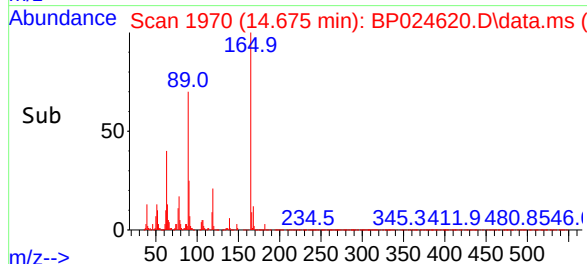
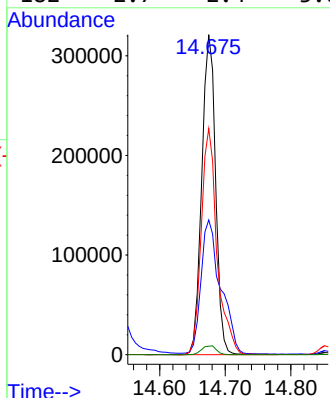
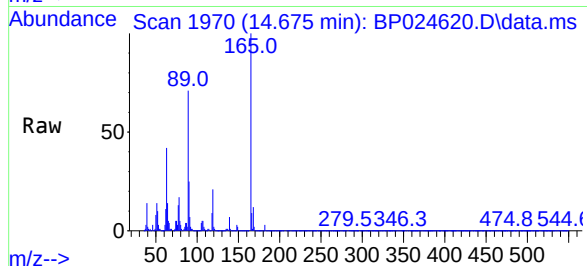




#57
2,4-Dinitrotoluene
Concen: 63.87 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

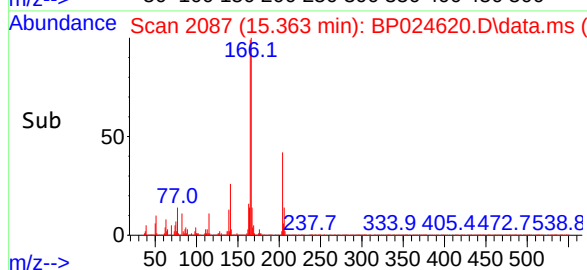
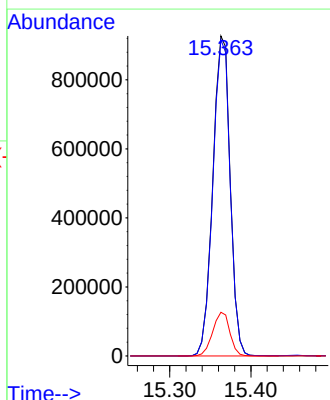
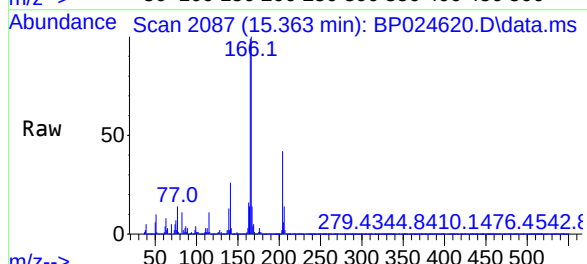
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

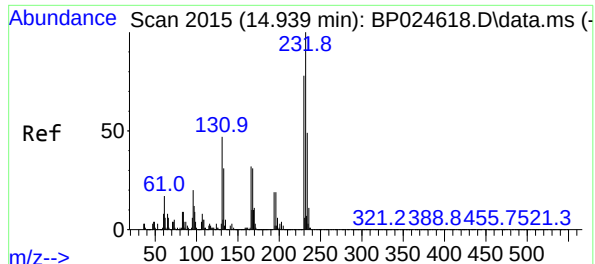
Tgt Ion:165 Resp: 471525
Ion Ratio Lower Upper
165 100
63 42.1 33.8 50.6
89 70.6 55.6 83.4
182 2.7 2.4 3.6



#58
Fluorene
Concen: 60.00 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:166 Resp: 1376412
Ion Ratio Lower Upper
166 100
165 98.8 78.5 117.7
167 13.6 10.7 16.1

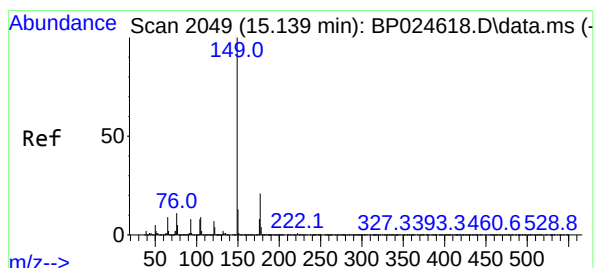
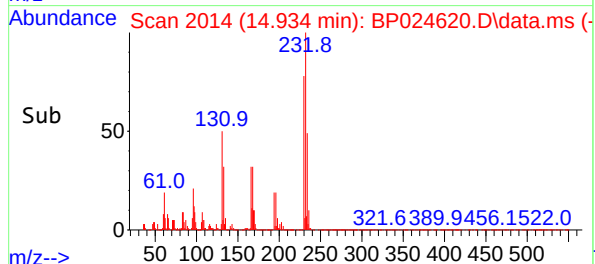
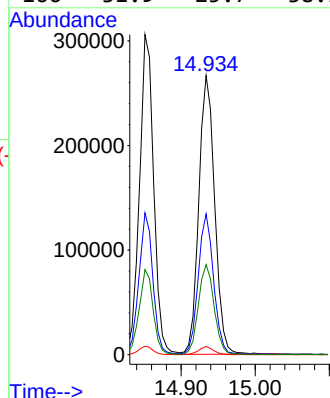
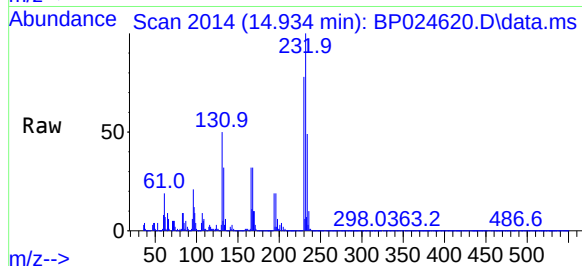




#59
2,3,4,6-Tetrachlorophenol
Concen: 62.78 ng
RT: 14.934 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

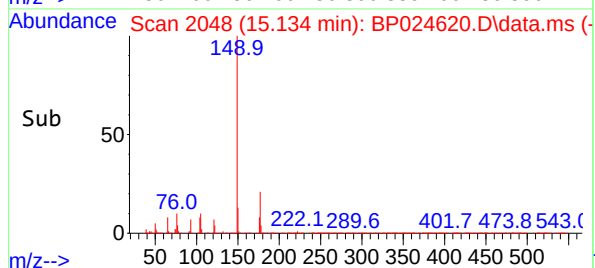
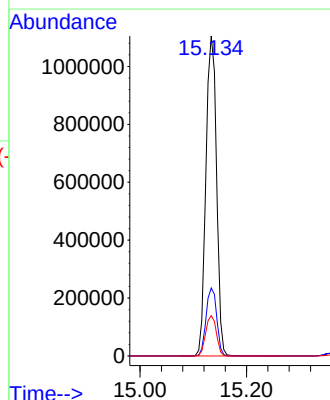
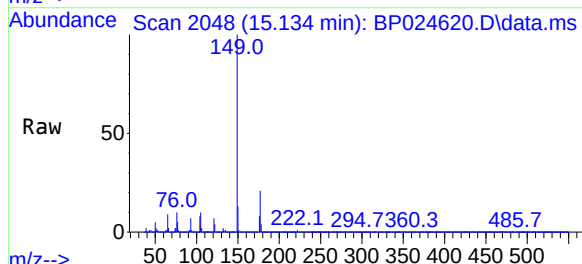
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

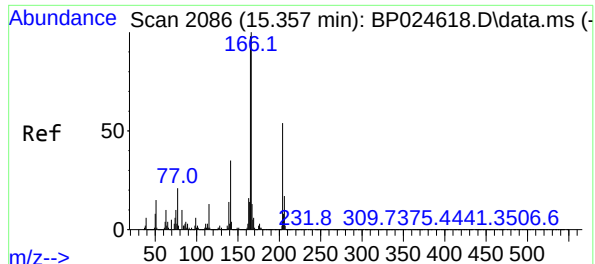
Tgt Ion:232 Resp: 396678
Ion Ratio Lower Upper
232 100
131 49.0 39.5 59.3
130 2.7 2.2 3.4
166 31.9 25.7 38.5



#60
Diethylphthalate
Concen: 60.87 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 1525628
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.6 10.2 15.2

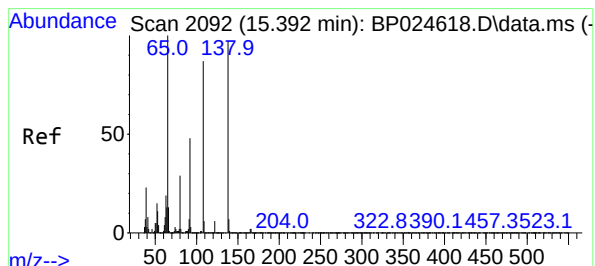
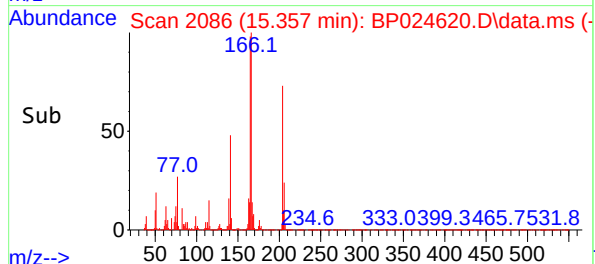
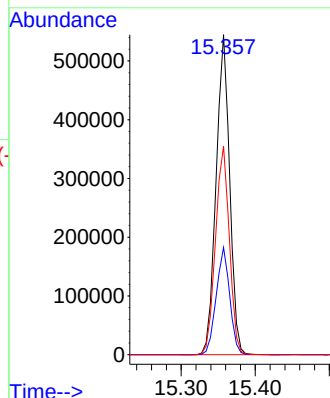
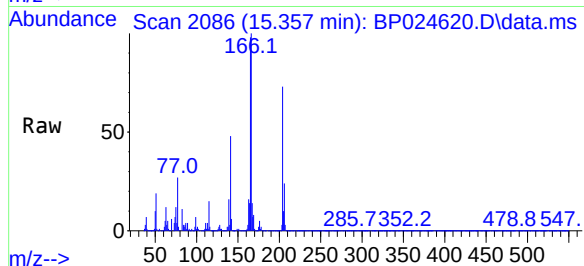




#61
4-Chlorophenyl-phenylether
Concen: 60.51 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

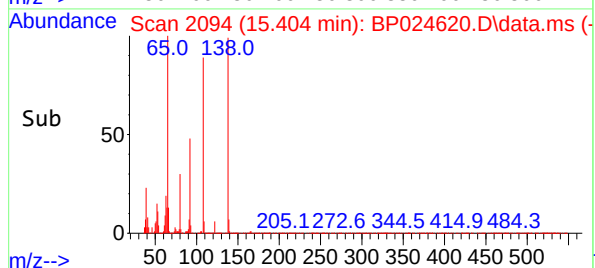
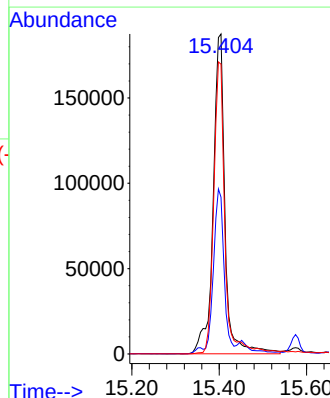
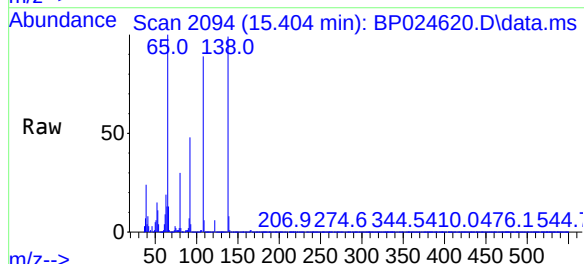
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

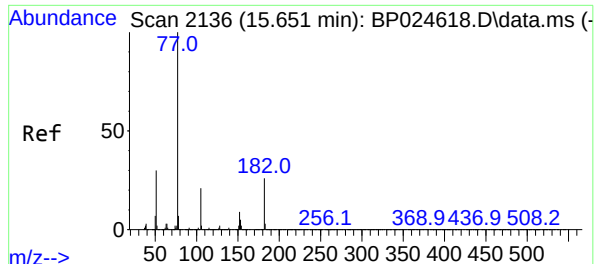
Tgt Ion:204 Resp: 692230
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 65.2 52.9 79.3



#62
4-Nitroaniline
Concen: 68.05 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:138 Resp: 354287
Ion Ratio Lower Upper
138 100
92 49.0 29.2 69.2
108 90.5 69.0 109.0

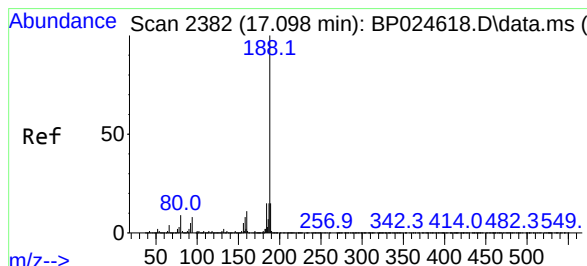
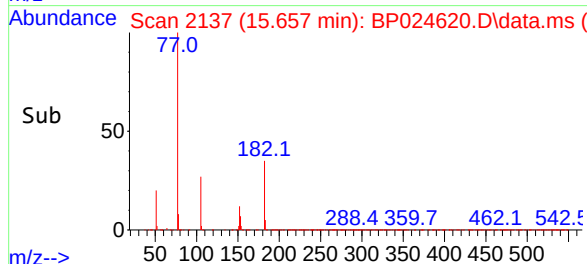
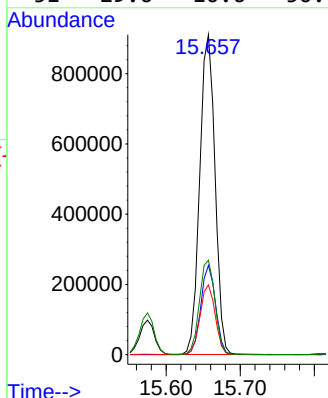
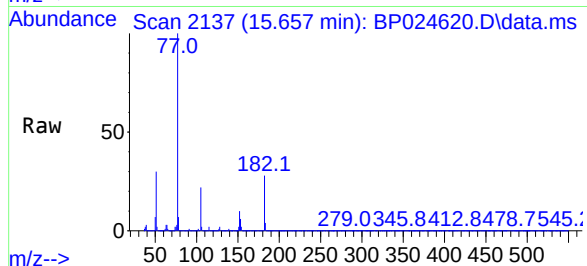




#63
Azobenzene
Concen: 61.14 ng
RT: 15.657 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

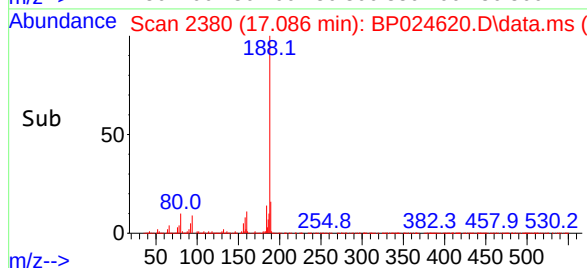
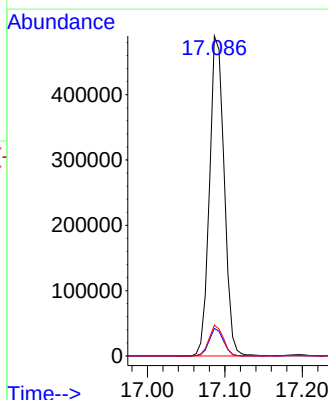
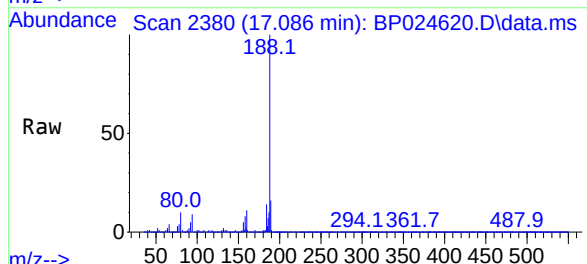
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

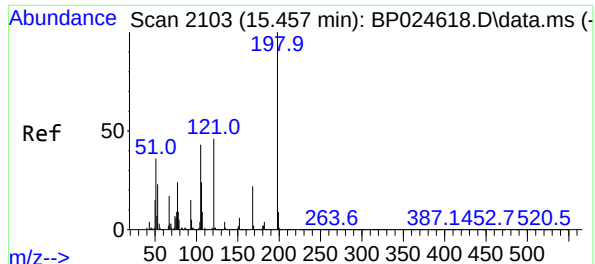
Tgt Ion: 77 Resp: 1310800
Ion Ratio Lower Upper
77 100
182 27.9 5.7 45.7
105 21.8 1.3 41.3
51 29.6 10.6 50.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 188 Resp: 646756
Ion Ratio Lower Upper
188 100
94 8.6 6.5 9.7
80 9.6 7.3 10.9

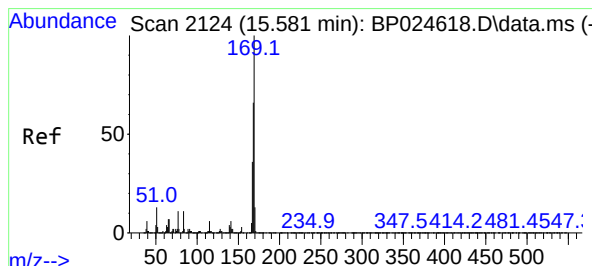
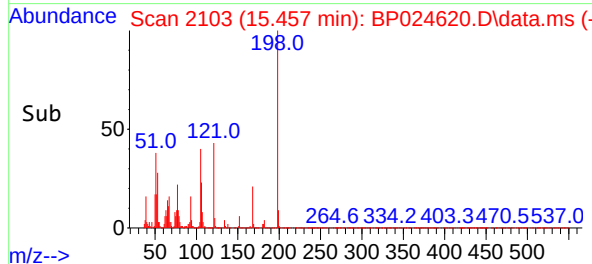
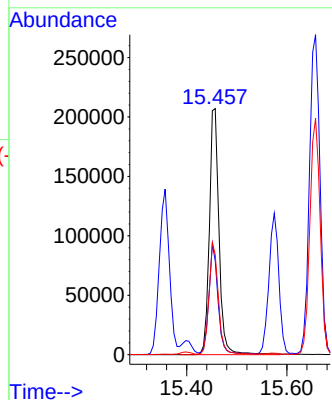
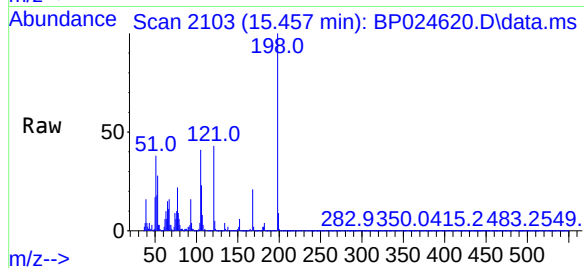




#65
4,6-Dinitro-2-methylphenol
Concen: 66.55 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

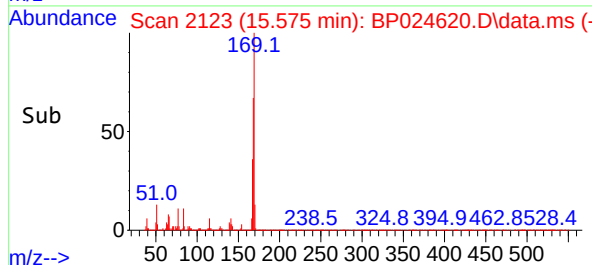
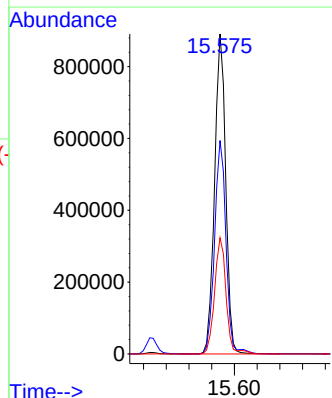
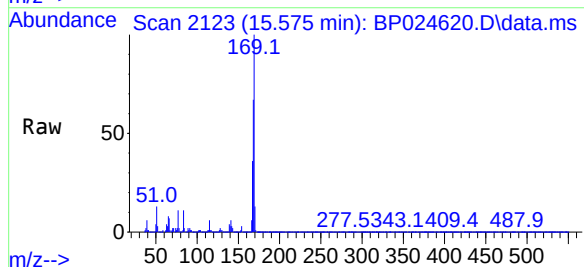
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

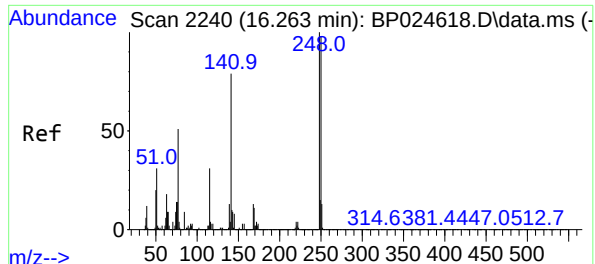
Tgt Ion:198 Resp: 278024
Ion Ratio Lower Upper
198 100
51 38.1 21.1 61.1
105 40.6 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 60.68 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:169 Resp: 1205525
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.3 28.6 43.0

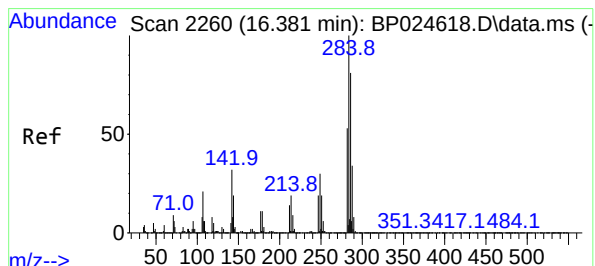
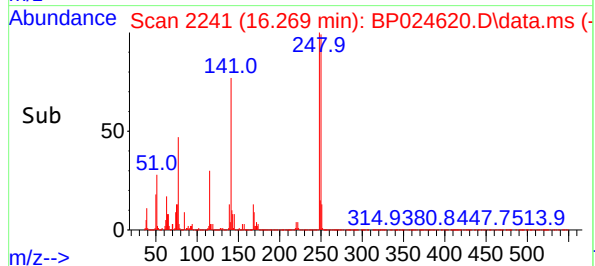
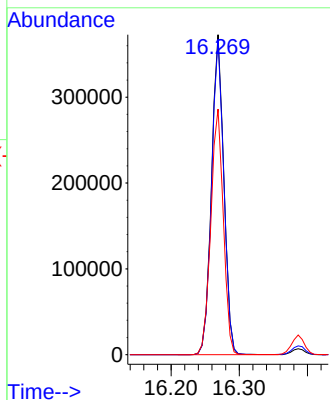
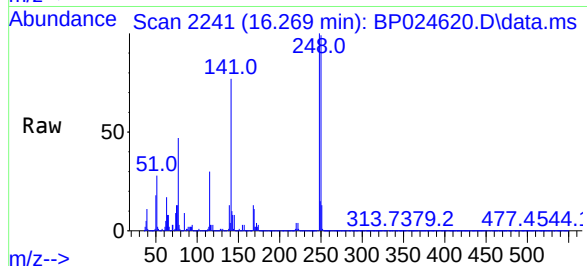




#67
4-Bromophenyl-phenylether
Concen: 61.56 ng
RT: 16.269 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

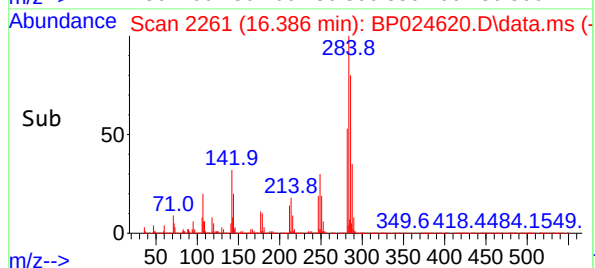
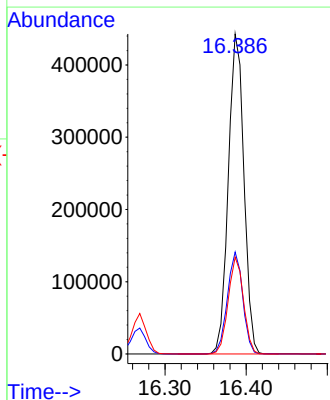
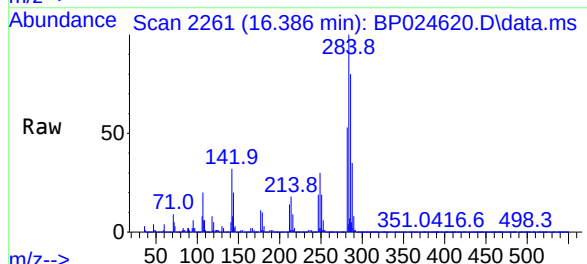
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

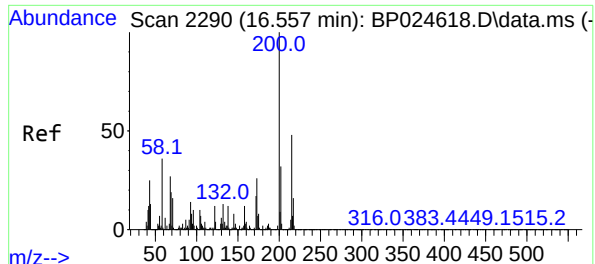
Tgt Ion:248 Resp: 469127
Ion Ratio Lower Upper
248 100
250 98.6 78.2 117.4
141 76.7 63.0 94.6



#68
Hexachlorobenzene
Concen: 60.99 ng
RT: 16.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:284 Resp: 590615
Ion Ratio Lower Upper
284 100
142 31.9 25.9 38.9
249 30.3 24.1 36.1

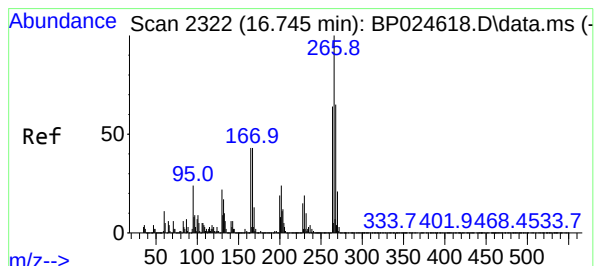
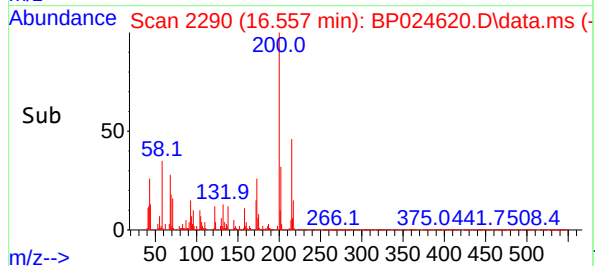
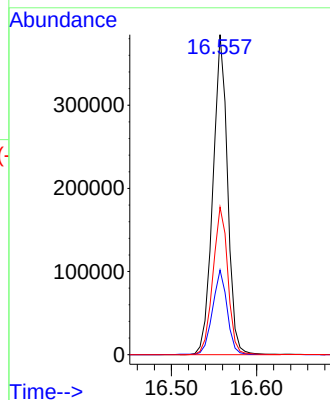
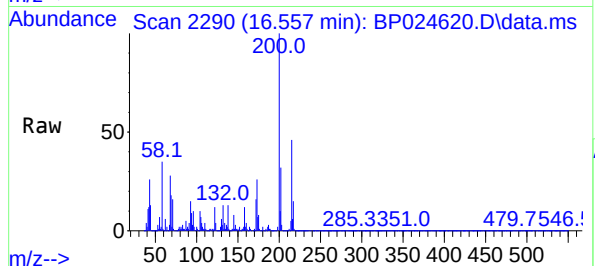




#69
Atrazine
Concen: 63.29 ng
RT: 16.557 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

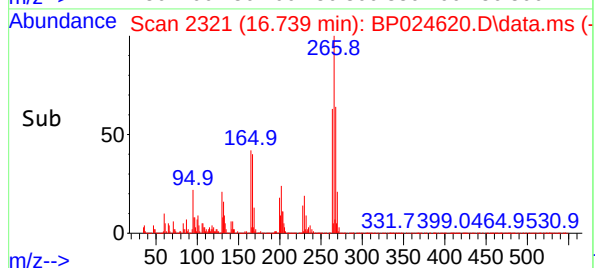
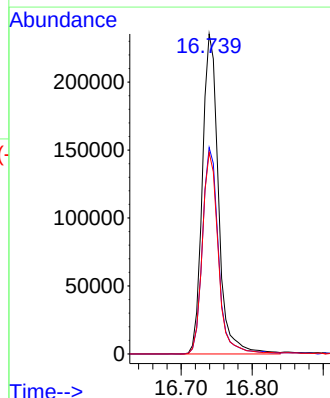
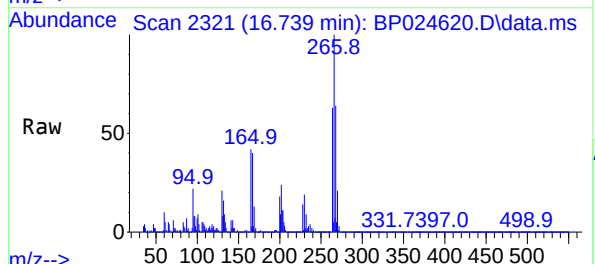
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

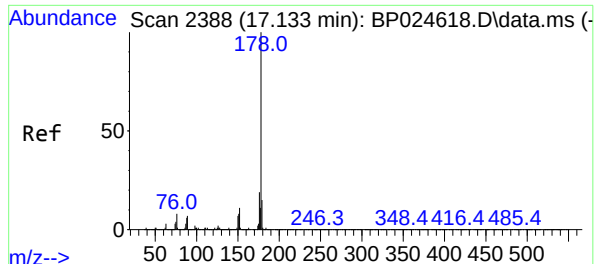
Tgt Ion:200 Resp: 460742
Ion Ratio Lower Upper
200 100
173 26.4 5.9 45.9
215 46.1 28.3 68.3



#70
Pentachlorophenol
Concen: 68.29 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:266 Resp: 371465
Ion Ratio Lower Upper
266 100
268 64.5 52.2 78.4
264 62.9 51.1 76.7

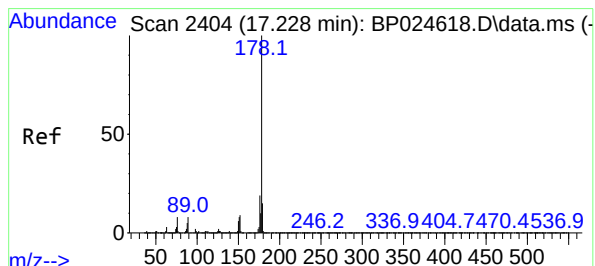
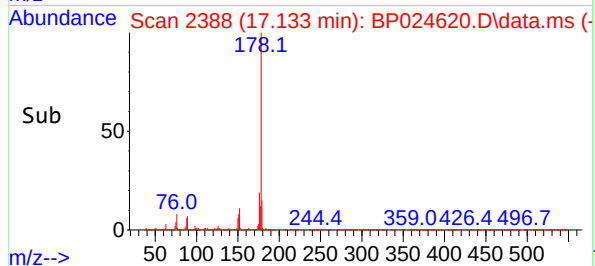
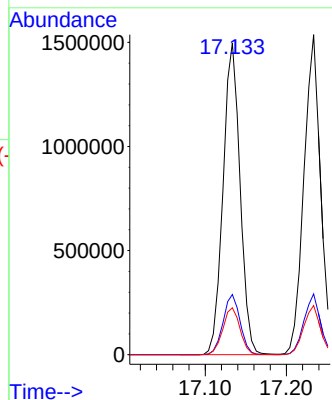
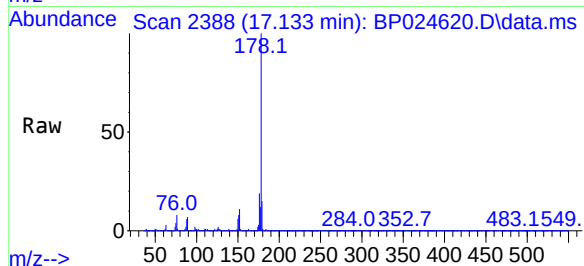




#71
Phenanthrene
Concen: 60.73 ng
RT: 17.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

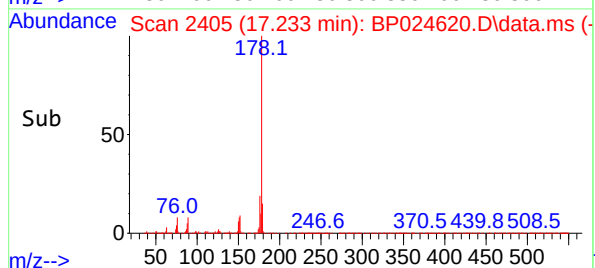
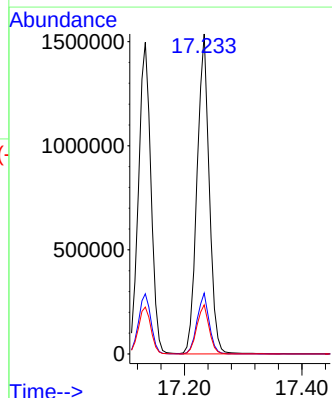
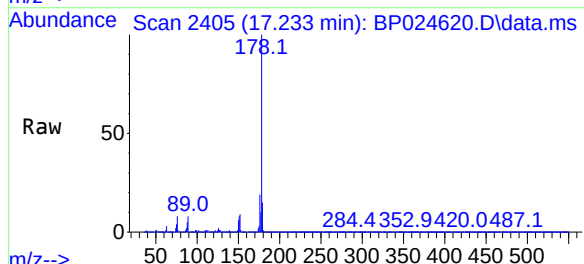
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

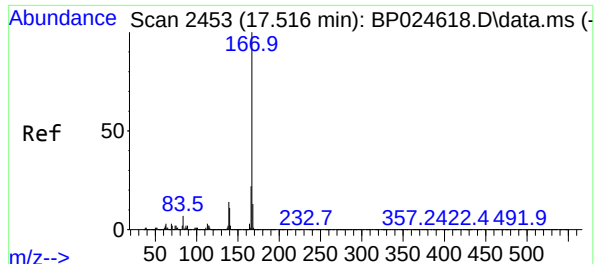
Tgt Ion:178 Resp: 2183329
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.1 12.2 18.4



#72
Anthracene
Concen: 61.11 ng
RT: 17.233 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:178 Resp: 2210412
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.3 12.2 18.2

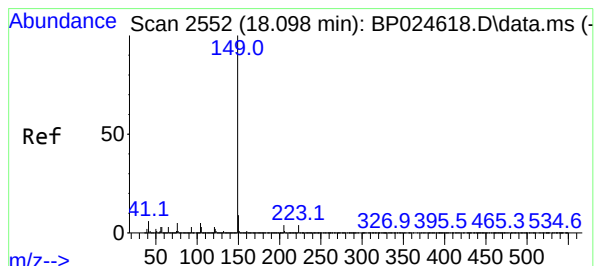
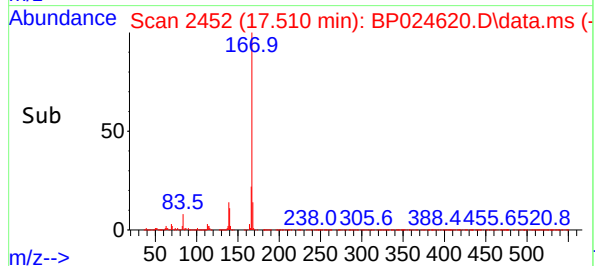
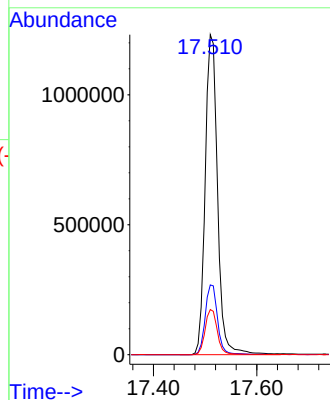
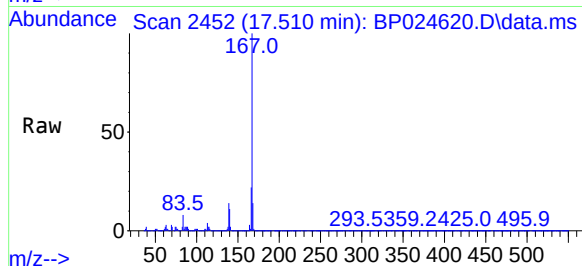




#73
Carbazole
Concen: 62.39 ng
RT: 17.510 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

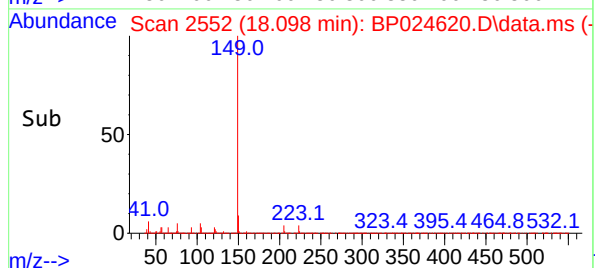
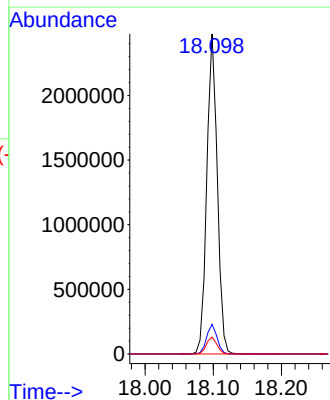
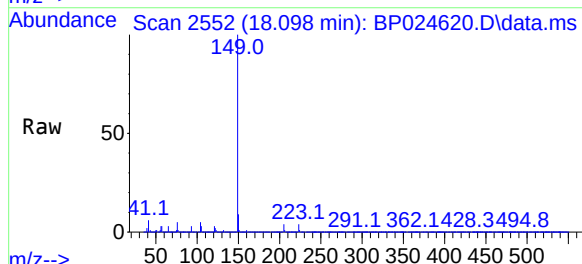
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

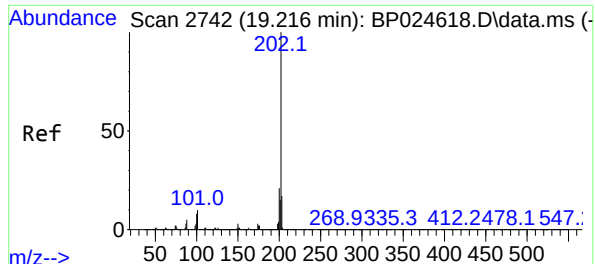
Tgt Ion:167 Resp: 2042777
Ion Ratio Lower Upper
167 100
166 21.8 17.7 26.5
139 14.1 11.3 16.9



#74
Di-n-butylphthalate
Concen: 62.81 ng
RT: 18.098 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 2644959
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 5.3 4.3 6.5

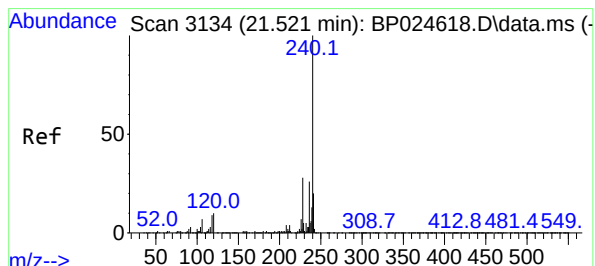
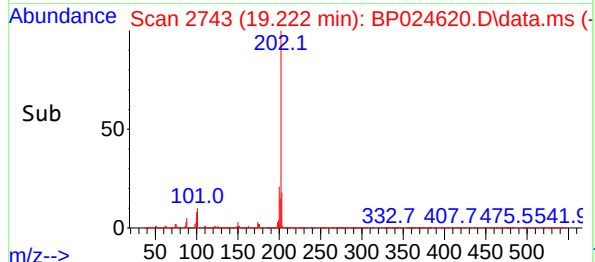
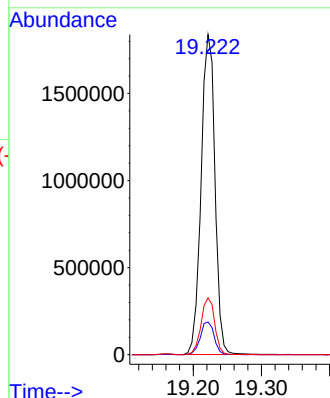
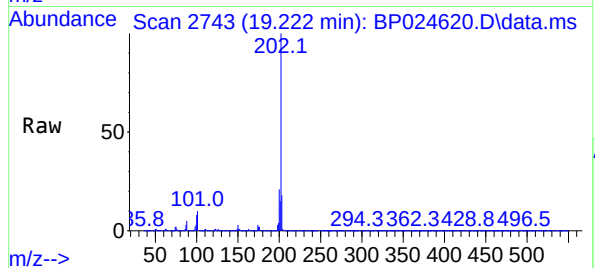




#75
Fluoranthene
Concen: 61.73 ng
RT: 19.222 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

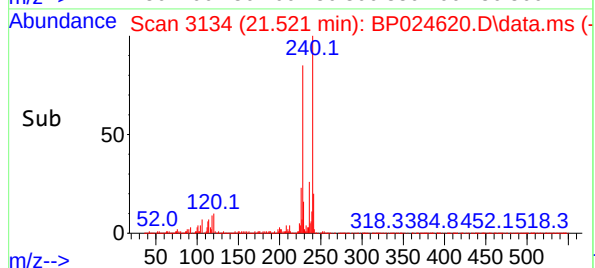
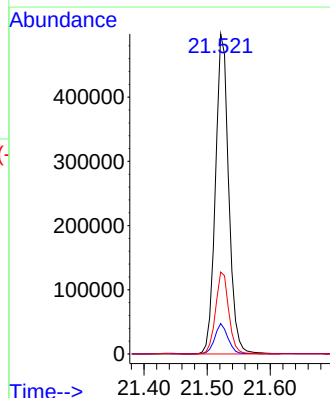
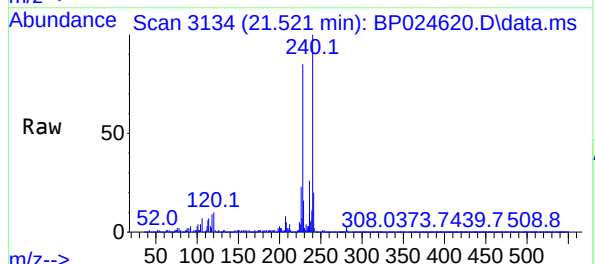
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

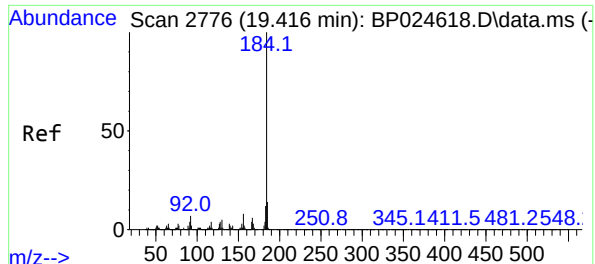
Tgt Ion:202 Resp: 2594532
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.3
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:240 Resp: 726281
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 25.6 20.6 31.0

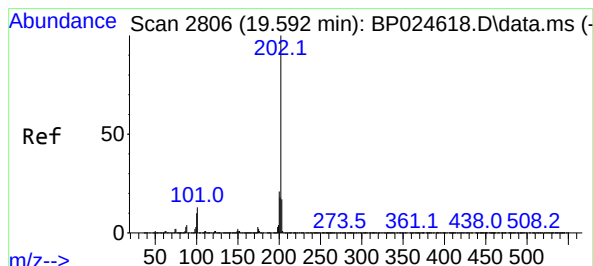
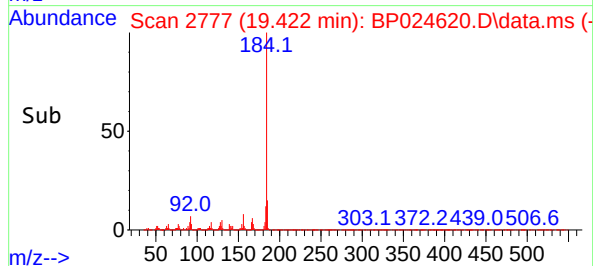
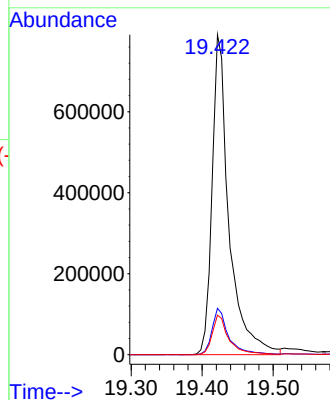
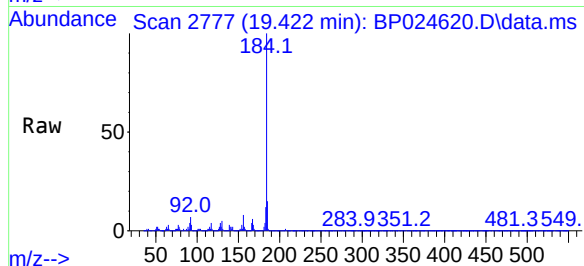




#77
Benzidine
Concen: 65.42 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

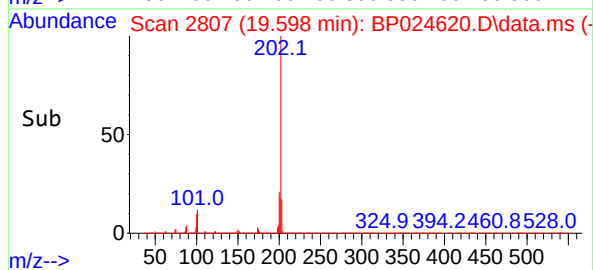
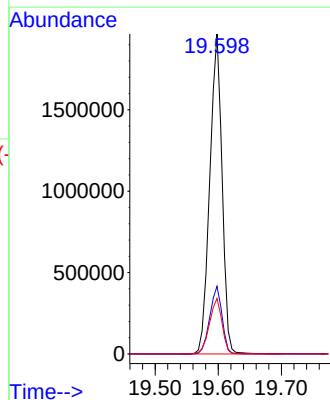
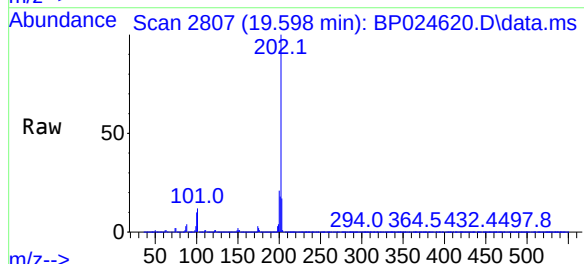
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

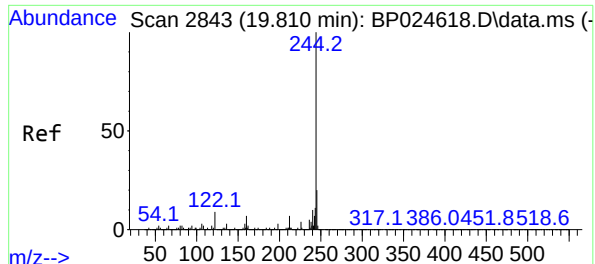
Tgt Ion:184 Resp: 1304259
Ion Ratio Lower Upper
184 100
185 14.5 11.2 16.8
183 12.4 9.8 14.8



#78
Pyrene
Concen: 61.17 ng
RT: 19.598 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:202 Resp: 2661811
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 120.88 ng

RT: 19.822 min Scan# 2845

Delta R.T. 0.012 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

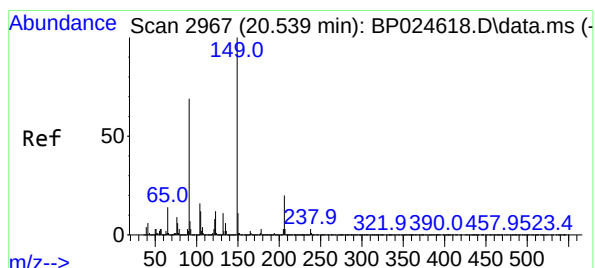
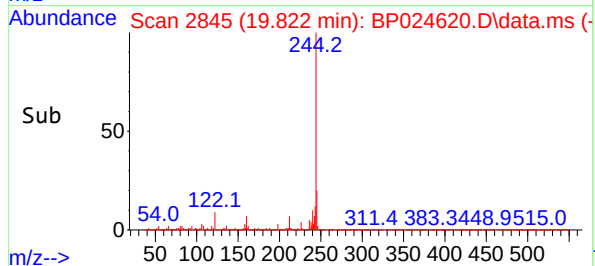
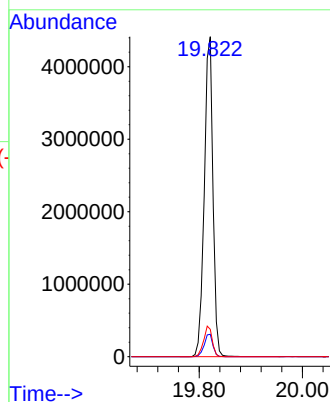
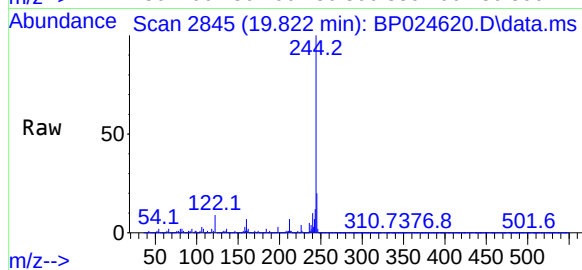
Tgt Ion:244 Resp: 5119872

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 8.6 7.4 11.0



#80

Butylbenzylphthalate

Concen: 64.25 ng

RT: 20.551 min Scan# 2969

Delta R.T. 0.012 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

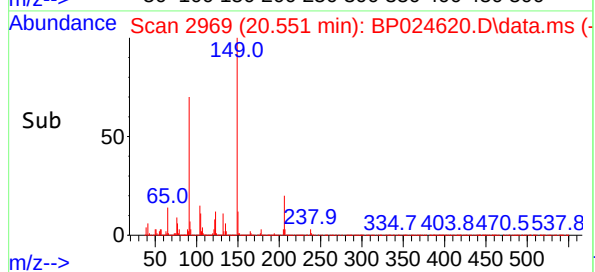
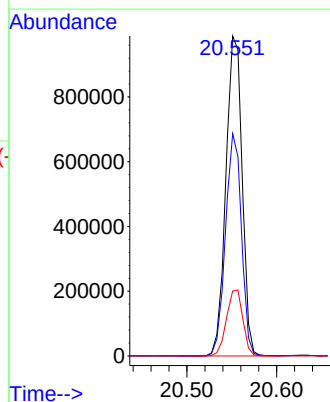
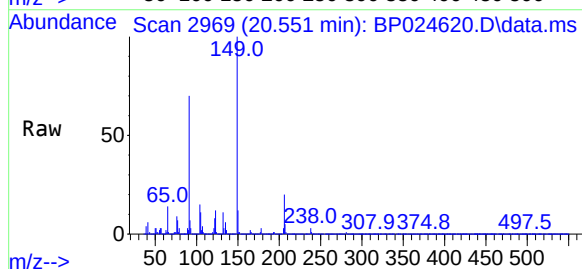
Tgt Ion:149 Resp: 1243403

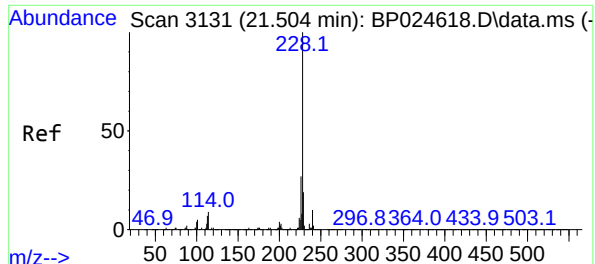
Ion Ratio Lower Upper

149 100

91 69.5 55.4 83.0

206 20.3 16.2 24.2

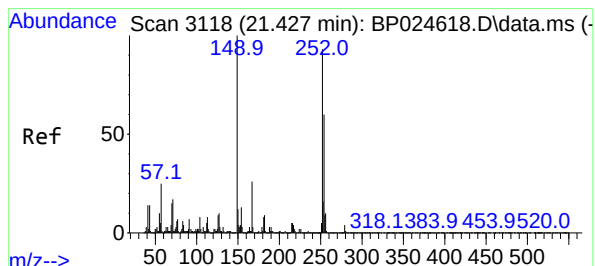
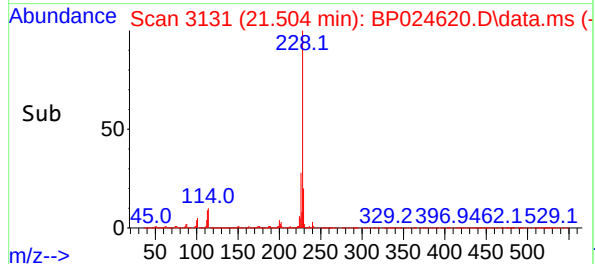
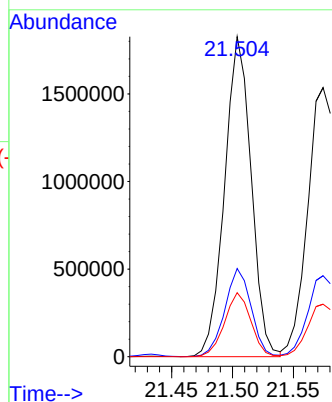
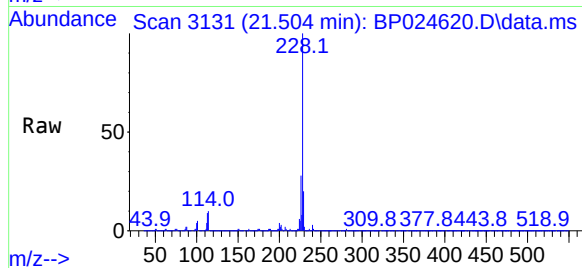




#81
Benzo(a)anthracene
Concen: 60.93 ng
RT: 21.504 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

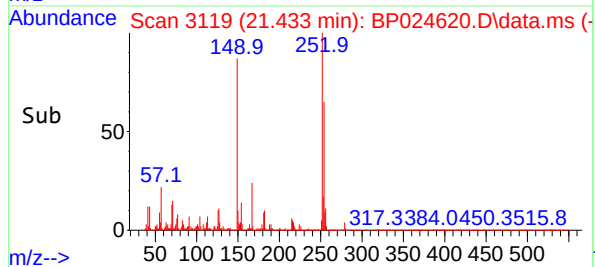
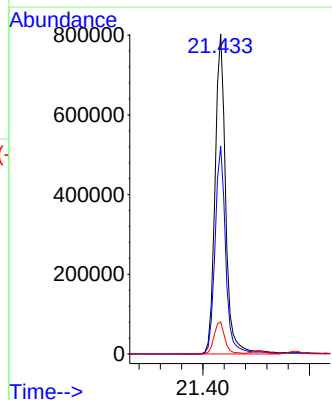
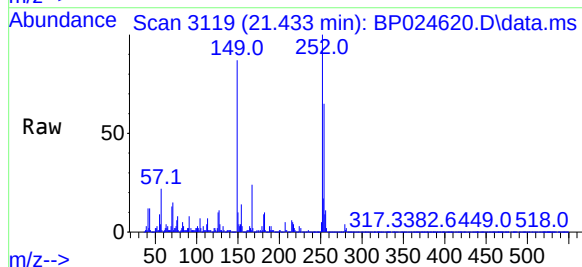
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

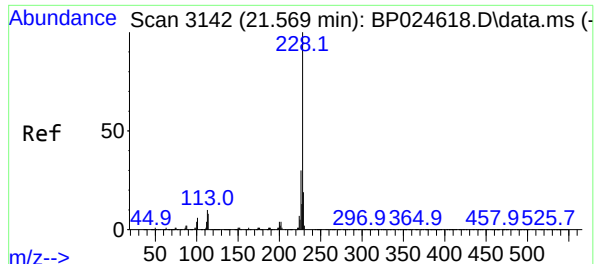
Tgt Ion:228 Resp: 2778689
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 20.0 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 65.77 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:252 Resp: 1114122
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.6
126 10.0 7.7 11.5

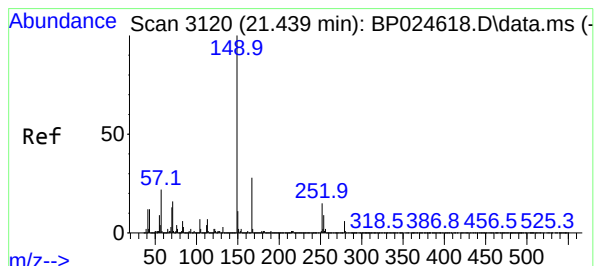
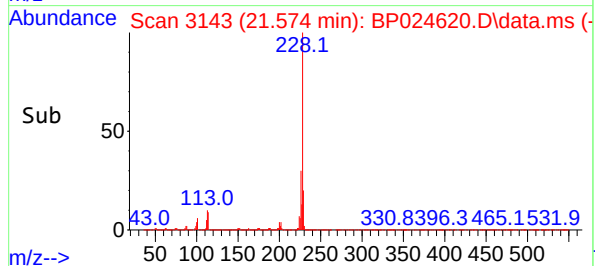
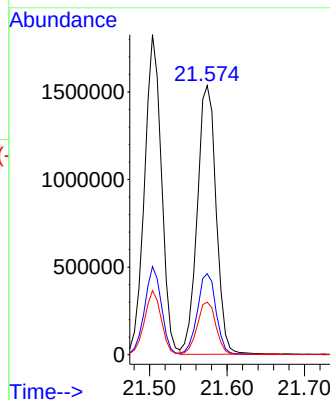
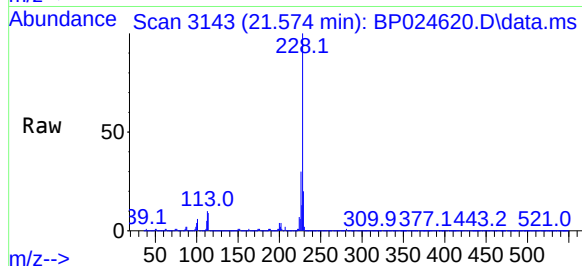




#83
Chrysene
Concen: 59.88 ng
RT: 21.574 min Scan# 3142
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

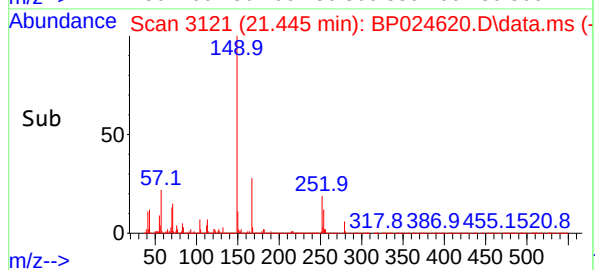
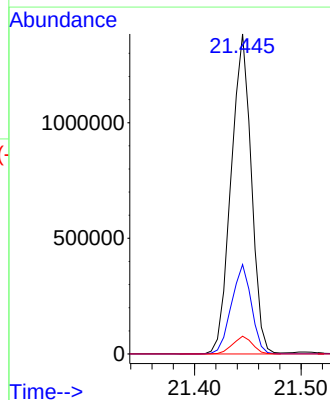
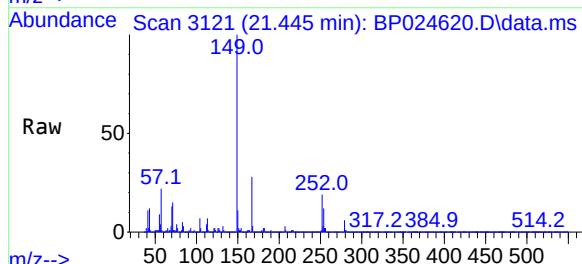
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

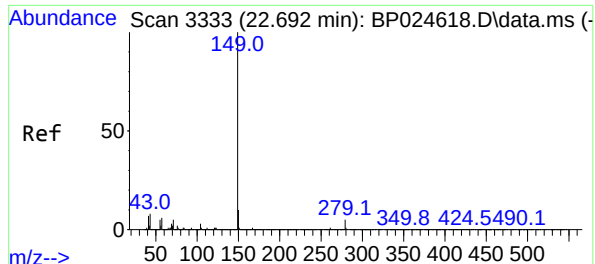
Tgt Ion:228 Resp: 2588513
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 19.5 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 64.05 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 1822019
Ion Ratio Lower Upper
149 100
167 27.9 22.1 33.1
279 5.6 4.6 6.8

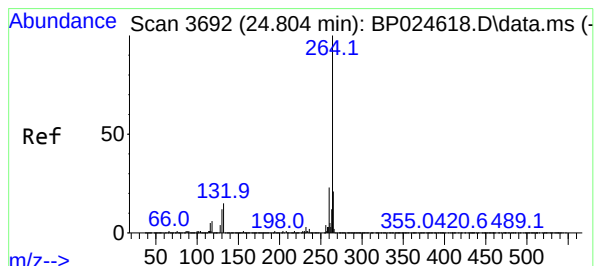
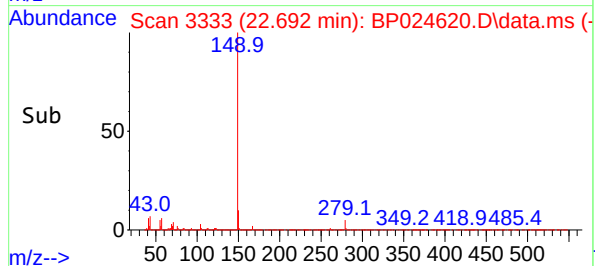
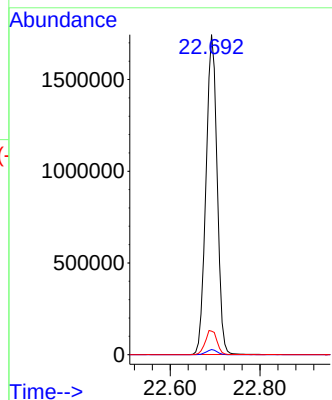
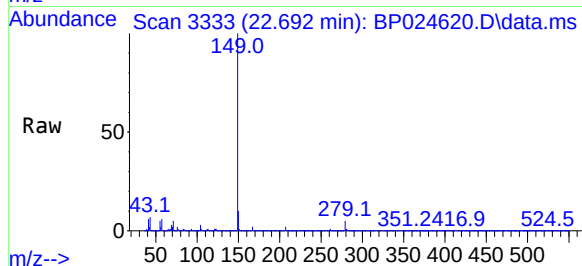




#85
Di-n-octyl phthalate
Concen: 64.47 ng
RT: 22.692 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

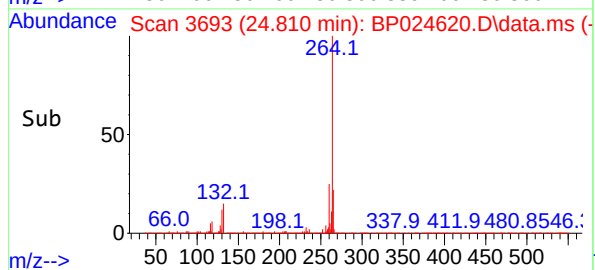
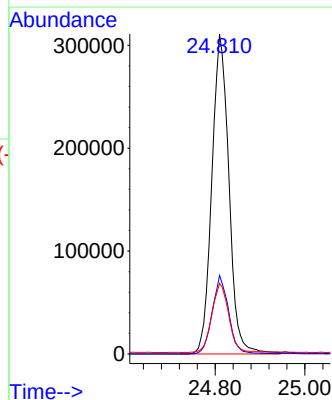
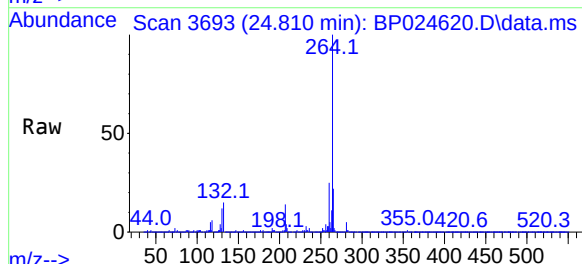
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

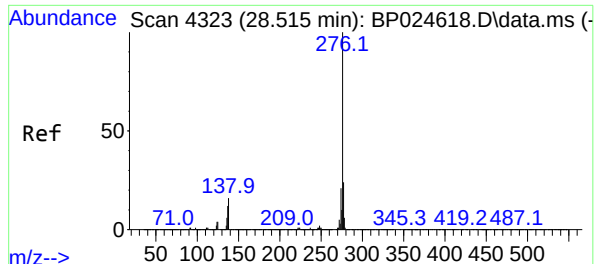
Tgt Ion:149 Resp: 2998832
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.9 6.3 9.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:264 Resp: 822943
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 22.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.64 ng

RT: 28.533 min Scan# 41

Delta R.T. 0.018 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

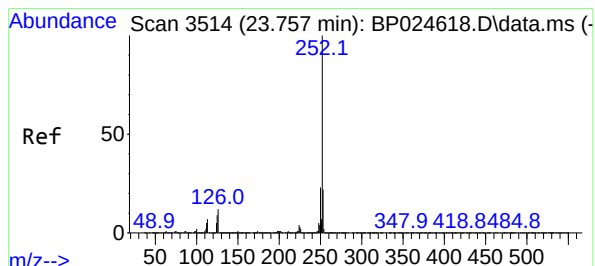
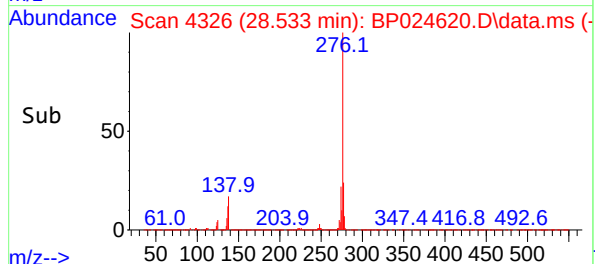
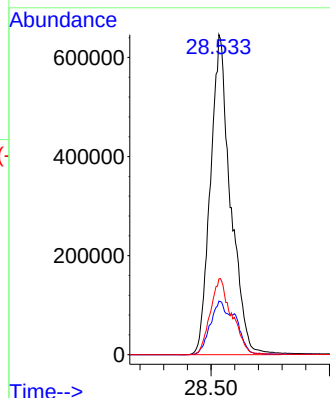
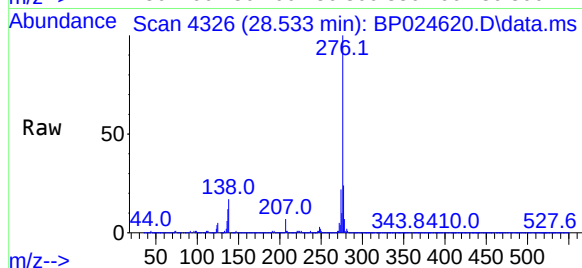
Tgt Ion:276 Resp: 3824922

Ion Ratio Lower Upper

276 100

138 14.4 11.2 16.8

277 25.5 15.7 23.5#



#88

Benzo(b)fluoranthene

Concen: 62.04 ng

RT: 23.768 min Scan# 3516

Delta R.T. 0.012 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

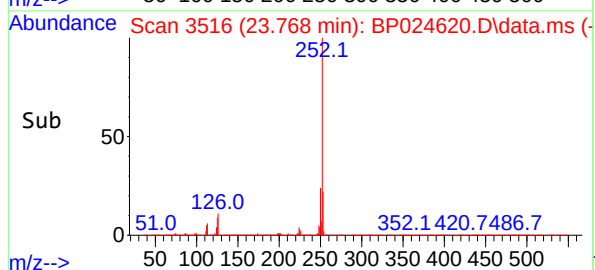
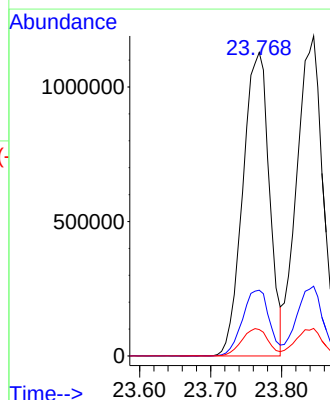
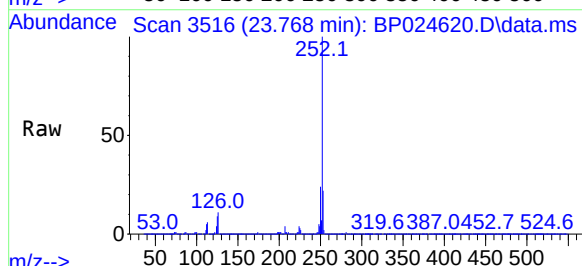
Tgt Ion:252 Resp: 2922103

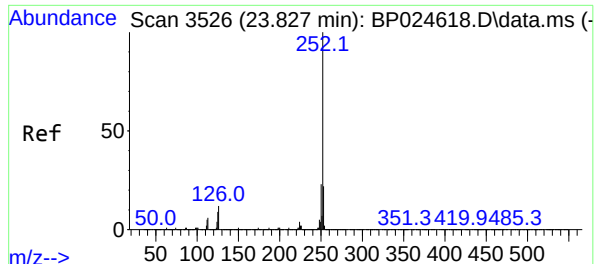
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 8.7 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 62.95 ng

RT: 23.845 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

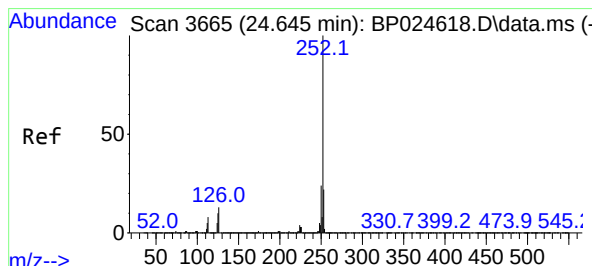
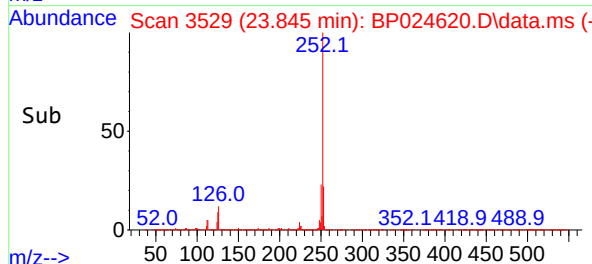
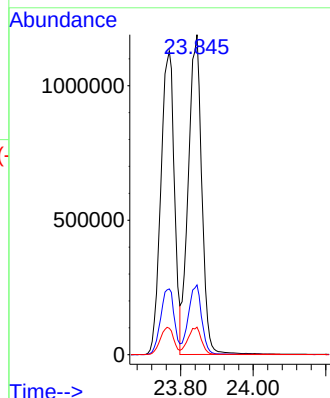
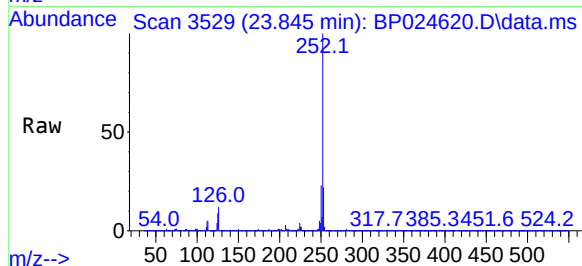
Tgt Ion:252 Resp: 3055252

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 8.6 7.0 10.4



#90

Benzo(a)pyrene

Concen: 63.69 ng

RT: 24.657 min Scan# 3667

Delta R.T. 0.012 min

Lab File: BP024620.D

Acq: 13 May 2025 14:45

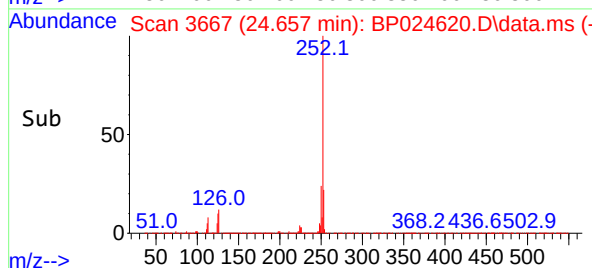
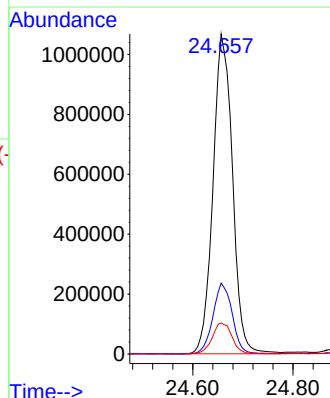
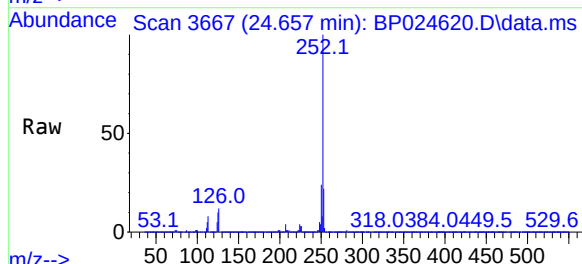
Tgt Ion:252 Resp: 2881508

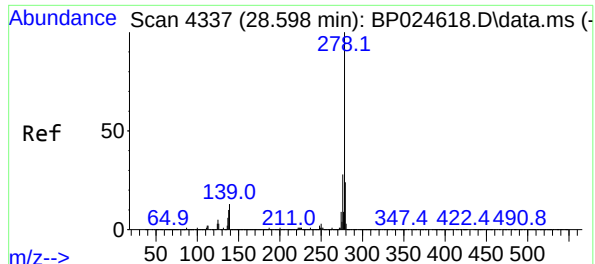
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.7 8.1 12.1

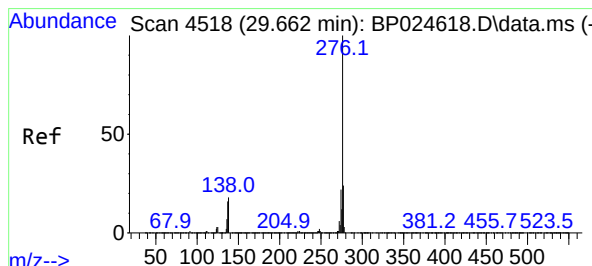
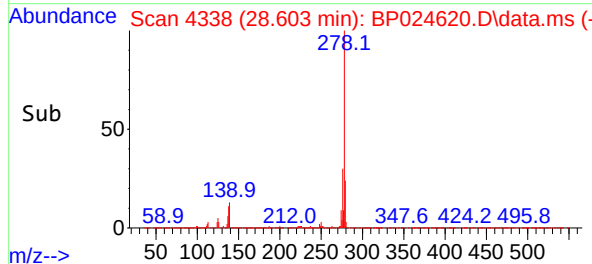
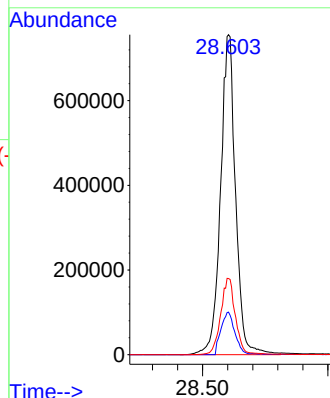
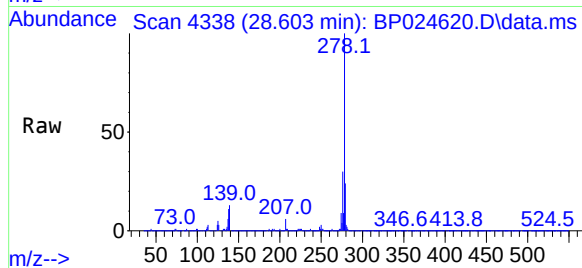




#91
Dibenzo(a,h)anthracene
Concen: 64.20 ng
RT: 28.603 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

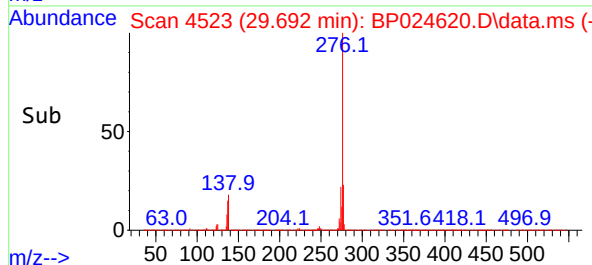
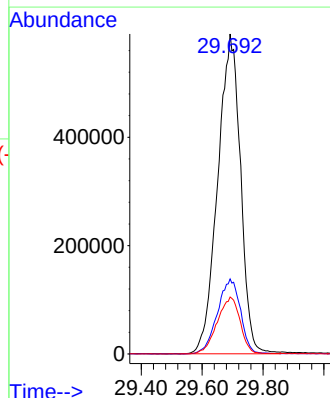
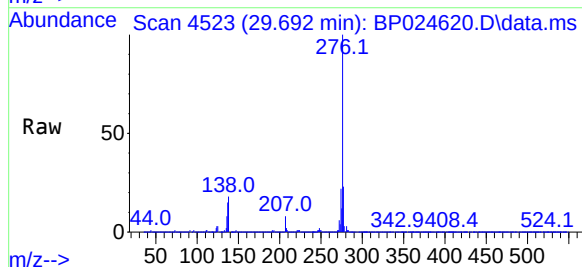
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 3137905
Ion Ratio Lower Upper
278 100
139 13.3 10.2 15.4
279 23.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 63.07 ng
RT: 29.692 min Scan# 4523
Delta R.T. 0.029 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:276 Resp: 3065416
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 17.8 14.4 21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024621.D
 Acq On : 13 May 2025 15:26
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:10:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	134481	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	584325	20.00	ng	0.00
39) Acenaphthene-d10	14.298	164	373575	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	713479	20.00	ng	0.00
76) Chrysene-d12	21.516	240	765954	20.00	ng	0.00
86) Perylene-d12	24.804	264	877352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1283582	163.25	ng	0.00
7) Phenol-d6	6.858	99	1670035	166.42	ng	0.00
23) Nitrobenzene-d5	8.822	82	1840183	159.12	ng	0.01
42) 2,4,6-Tribromophenol	15.828	330	1032638	163.05	ng	0.02
45) 2-Fluorobiphenyl	12.910	172	4438179	155.65	ng	0.00
79) Terphenyl-d14	19.816	244	7152255	160.11	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	275790	74.70	ng	99
3) Pyridine	3.622	79	679364	82.98	ng	98
4) n-Nitrosodimethylamine	3.534	42	289012	79.96	ng	100
6) Aniline	7.005	93	1075238	82.99	ng	100
8) 2-Chlorophenol	7.240	128	740005	82.91	ng	99
9) Benzaldehyde	6.822	77	412028	63.54	ng	100
10) Phenol	6.887	94	859122	82.95	ng	100
11) bis(2-Chloroethyl)ether	7.099	93	670572	78.79	ng	100
12) 1,3-Dichlorobenzene	7.552	146	795953	77.51	ng	100
13) 1,4-Dichlorobenzene	7.699	146	802182	77.67	ng	98
14) 1,2-Dichlorobenzene	8.010	146	779316	77.43	ng	99
15) Benzyl Alcohol	7.910	79	664684	87.16	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	782240	76.75	ng	98
17) 2-Methylphenol	8.110	107	620901	83.58	ng	99
18) Hexachloroethane	8.728	117	306812	77.52	ng	97
19) n-Nitroso-di-n-propyla...	8.469	70	551845	79.50	ng	98
20) 3+4-Methylphenols	8.440	107	852078	84.32	ng	99
22) Acetophenone	8.481	105	1147610	78.62	ng	# 99
24) Nitrobenzene	8.857	77	804153	79.02	ng	98
25) Isophorone	9.381	82	1593235	79.42	ng	100
26) 2-Nitrophenol	9.557	139	442185	88.67	ng	98
27) 2,4-Dimethylphenol	9.628	122	722439	82.17	ng	100
28) bis(2-Chloroethoxy)met...	9.857	93	946615	78.98	ng	99
29) 2,4-Dichlorophenol	10.099	162	721701	84.70	ng	97
30) 1,2,4-Trichlorobenzene	10.299	180	755529	78.69	ng	98
31) Naphthalene	10.487	128	2354789	77.77	ng	100
32) Benzoic acid	9.828	122	525308	80.15	ng	99
33) 4-Chloroaniline	10.599	127	1033865	84.61	ng	99
34) Hexachlorobutadiene	10.769	225	481140	77.35	ng	97
35) Caprolactam	11.416	113	257252	83.50	ng	96
36) 4-Chloro-3-methylphenol	11.734	107	838983	80.74	ng	99
37) 2-Methylnaphthalene	12.093	142	1529445	78.01	ng	100
38) 1-Methylnaphthalene	12.322	142	1613775	76.92	ng	99
40) 1,2,4,5-Tetrachloroben...	12.469	216	875750	80.73	ng	100
41) Hexachlorocyclopentadiene	12.446	237	628436	95.54	ng	97
43) 2,4,6-Trichlorophenol	12.716	196	601332	85.58	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024621.D
 Acq On : 13 May 2025 15:26
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:10:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 15:55:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	657399	84.05	ng	97
46) 1,1'-Biphenyl	13.122	154	2175624	78.79	ng	100
47) 2-Chloronaphthalene	13.163	162	1662979	78.99	ng	99
48) 2-Nitroaniline	13.375	65	512458	82.22	ng	97
49) Acenaphthylene	14.016	152	2773742	78.73	ng	99
50) Dimethylphthalate	13.763	163	2182359	76.64	ng	100
51) 2,6-Dinitrotoluene	13.887	165	476606	79.26	ng	97
52) Acenaphthene	14.363	154	1572103	77.62	ng	99
53) 3-Nitroaniline	14.222	138	522849	85.15	ng	100
54) 2,4-Dinitrophenol	14.428	184	300458	79.29	ng	98
55) Dibenzofuran	14.704	168	2477374	76.68	ng	99
56) 4-Nitrophenol	14.557	139	409954	77.27	ng	98
57) 2,4-Dinitrotoluene	14.681	165	678287	80.01	ng	97
58) Fluorene	15.363	166	2003709	76.06	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.945	232	588947	81.17	ng	98
60) Diethylphthalate	15.145	149	2193488	76.22	ng	99
61) 4-Chlorophenyl-phenyle...	15.363	204	997863	75.96	ng	99
62) 4-Nitroaniline	15.404	138	509582	85.24	ng	99
63) Azobenzene	15.663	77	1858146	75.47	ng	99
65) 4,6-Dinitro-2-methylph...	15.469	198	401011	87.01	ng	98
66) n-Nitrosodiphenylamine	15.587	169	1711679	78.10	ng	99
67) 4-Bromophenyl-phenylether	16.281	248	684619	81.43	ng	98
68) Hexachlorobenzene	16.398	284	856547	80.18	ng	99
69) Atrazine	16.575	200	645877	80.42	ng	99
70) Pentachlorophenol	16.751	266	548492	91.41	ng	99
71) Phenanthrene	17.145	178	3091665	77.95	ng	99
72) Anthracene	17.239	178	3161669	79.23	ng	99
73) Carbazole	17.522	167	2892236	80.08	ng	99
74) Di-n-butylphthalate	18.110	149	3747927	80.68	ng	99
75) Fluoranthene	19.228	202	3629085	78.27	ng	99
77) Benzidine	19.422	184	1678507	79.83	ng	100
78) Pyrene	19.604	202	3747276	81.65	ng	99
80) Butylbenzylphthalate	20.545	149	1741954	85.34	ng	98
81) Benzo(a)anthracene	21.498	228	3829787	79.63	ng	99
82) 3,3'-Dichlorobenzidine	21.422	252	1575691	88.21	ng	100
83) Chrysene	21.569	228	3615014	79.29	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	2577445	85.91	ng	99
85) Di-n-octyl phthalate	22.686	149	4341653	88.50	ng	99
87) Indeno(1,2,3-cd)pyrene	28.515	276	5243999m	81.85	ng	
88) Benzo(b)fluoranthene	23.768	252	4173798	83.11	ng	99
89) Benzo(k)fluoranthene	23.833	252	4160268	80.40	ng	100
90) Benzo(a)pyrene	24.645	252	3988360	82.69	ng	99
91) Dibenzo(a,h)anthracene	28.598	278	4338518	83.26	ng	99
92) Benzo(g,h,i)perylene	29.680	276	4253459	82.08	ng	99

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

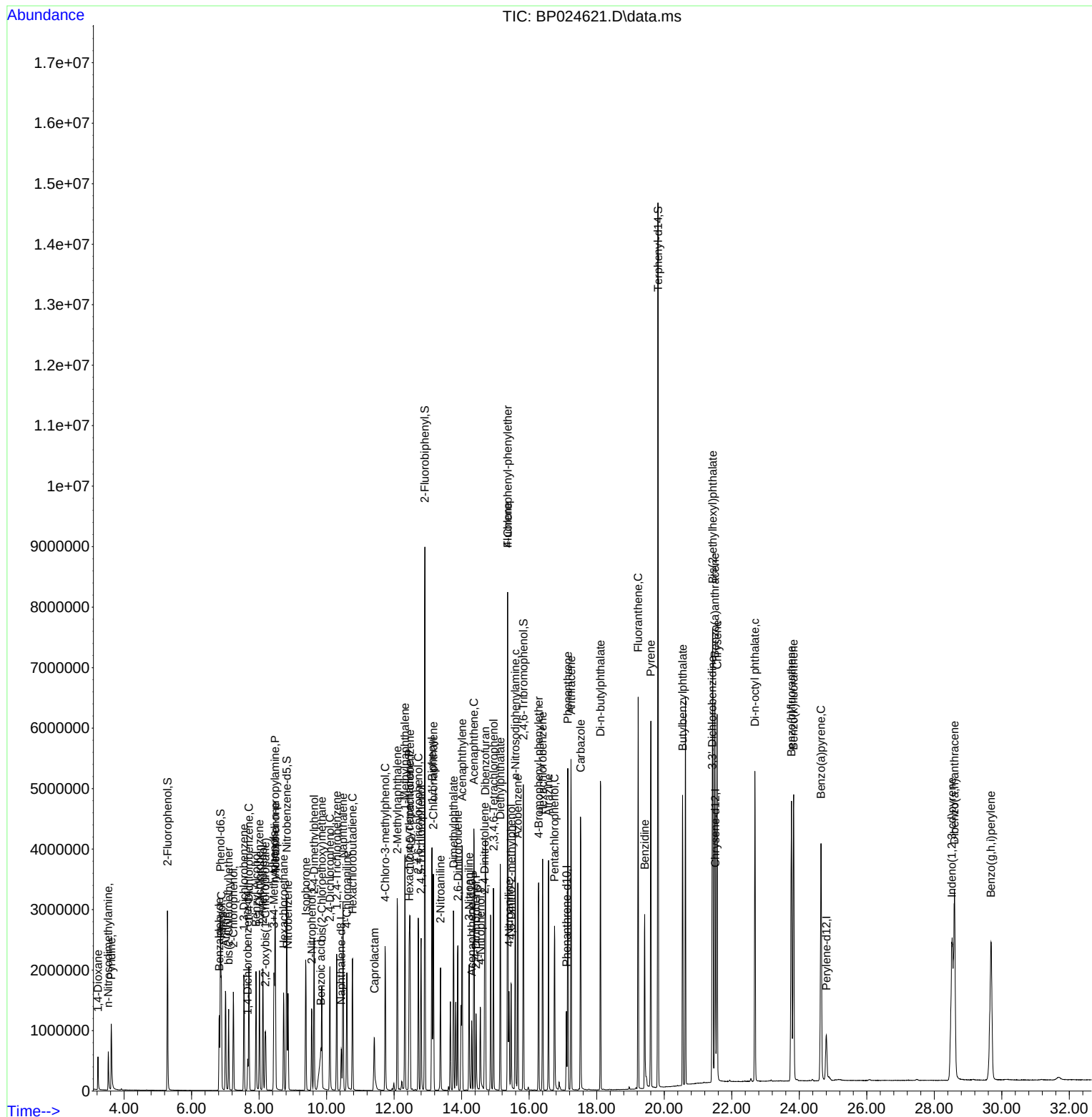
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024621.D
Acq On : 13 May 2025 15:26
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

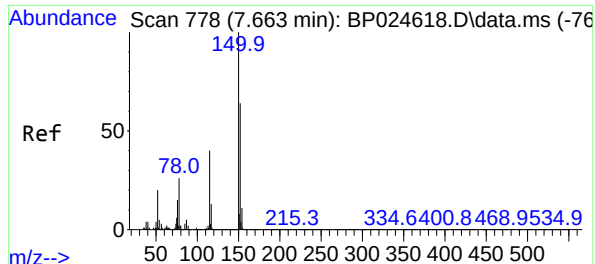
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration





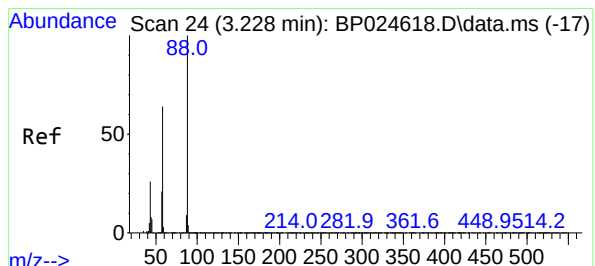
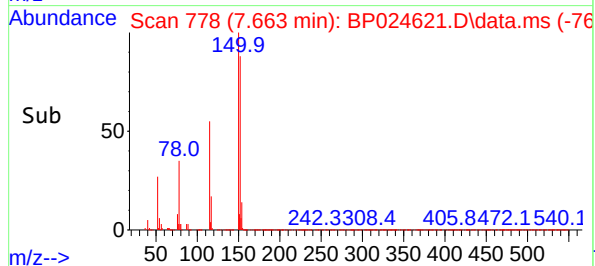
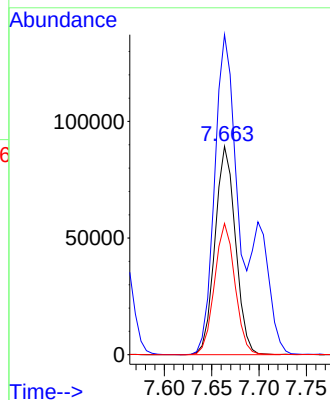
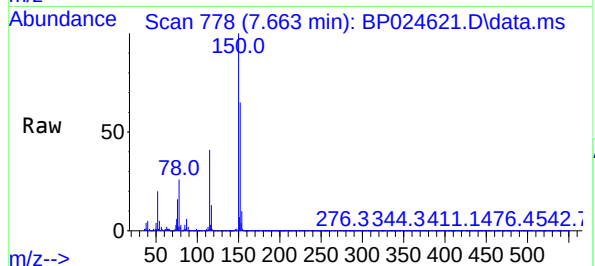
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 152 Resp: 13448
Ion Ratio Lower Upper
152 100
150 153.6 125.9 188.9
115 63.0 50.1 75.1

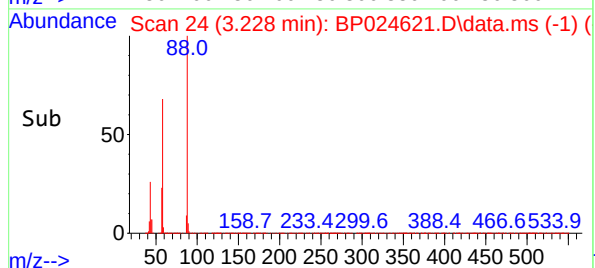
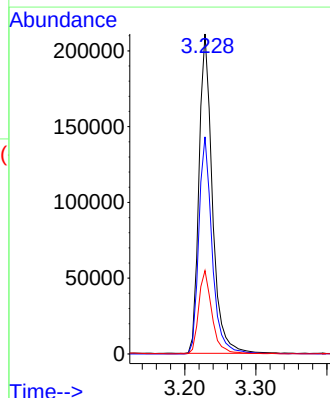
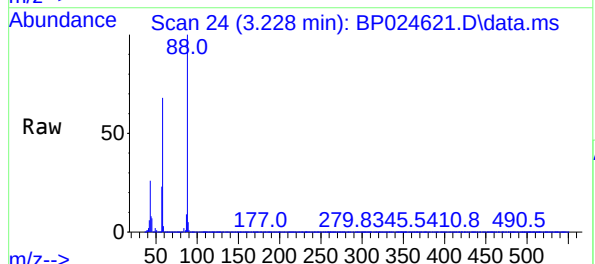
Manual Integrations
APPROVED

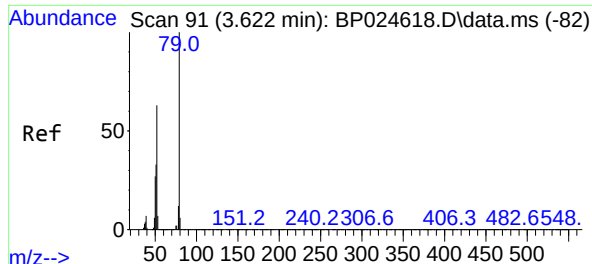
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#2
1,4-Dioxane
Concen: 74.70 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

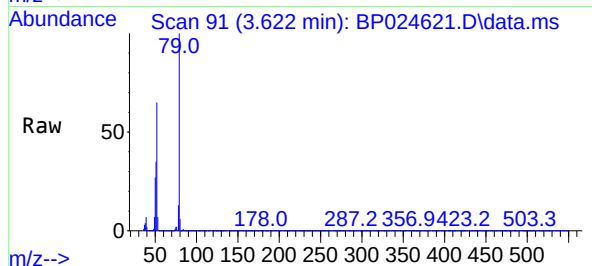
Tgt Ion: 88 Resp: 275790
Ion Ratio Lower Upper
88 100
58 68.0 54.0 81.0
43 26.1 21.4 32.0





#3
Pyridine
Concen: 82.98 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

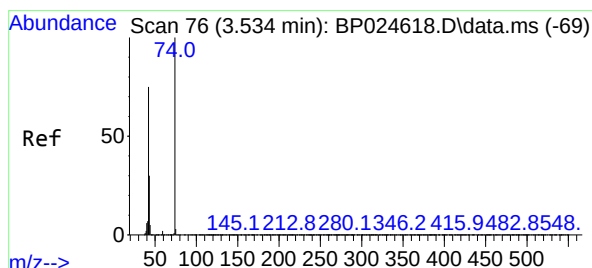
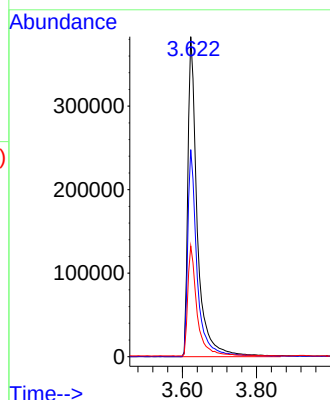
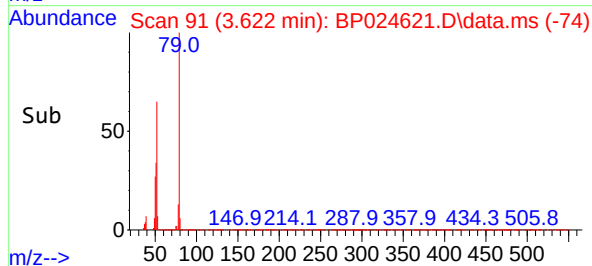
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



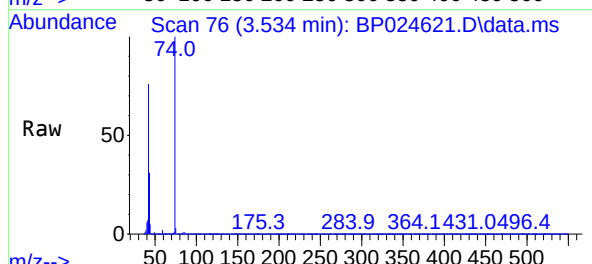
Tgt Ion: 79 Resp: 679364
Ion Ratio Lower Upper
79 100
52 64.7 50.2 75.2
51 34.6 26.8 40.2

Manual Integrations
APPROVED

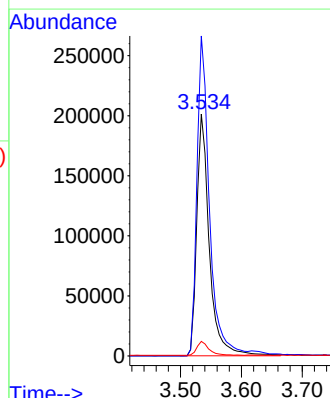
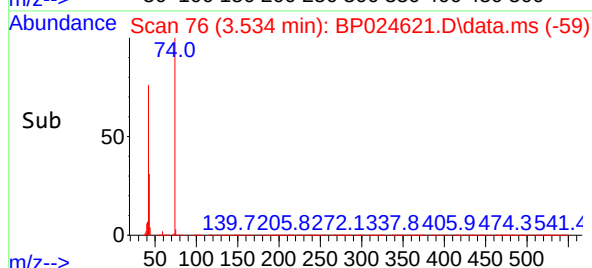
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

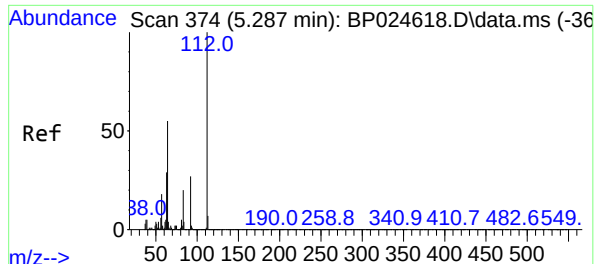


#4
n-Nitrosodimethylamine
Concen: 79.96 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26



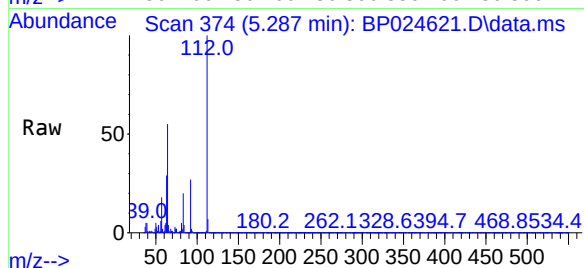
Tgt Ion: 42 Resp: 289012
Ion Ratio Lower Upper
42 100
74 132.2 106.2 159.2
44 6.0 5.4 8.2





#5
2-Fluorophenol
Concen: 163.25 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

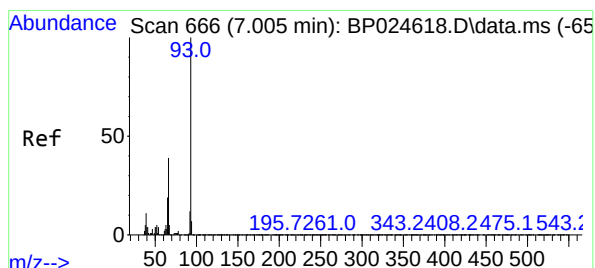
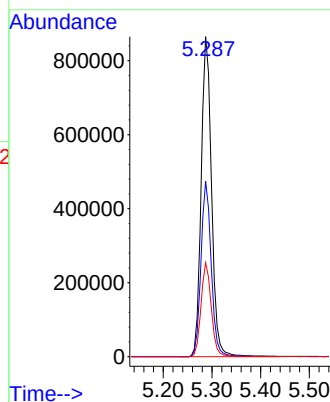
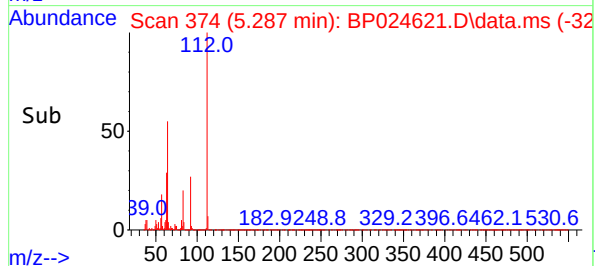
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 128358
Ion Ratio Lower Upper
112 100
64 54.8 44.1 66.1
63 29.4 23.5 35.3

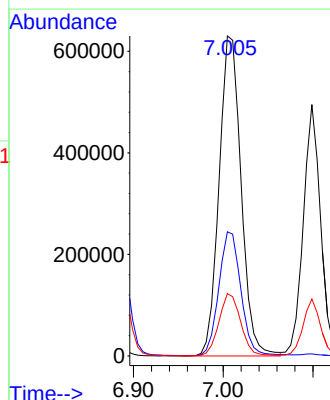
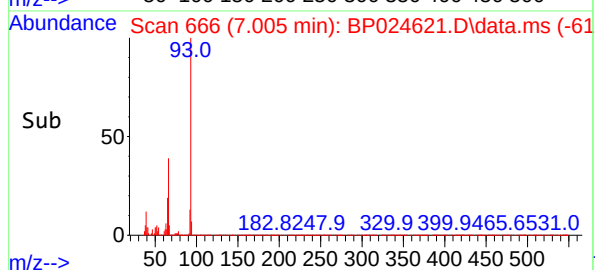
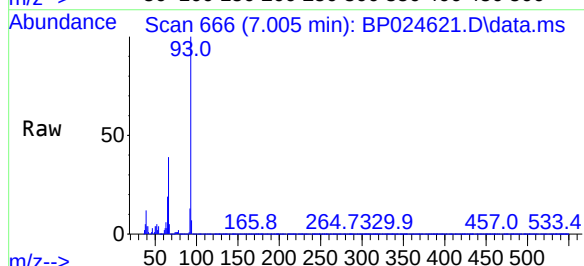
Manual Integrations
APPROVED

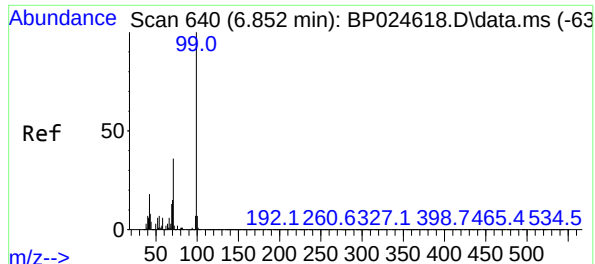
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#6
Aniline
Concen: 82.99 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

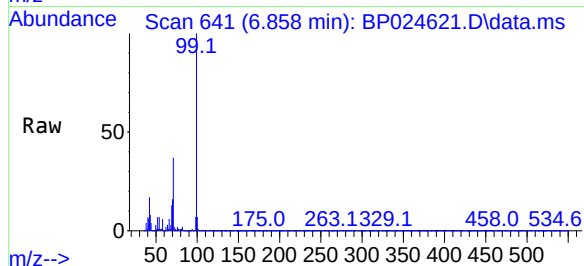
Tgt Ion: 93 Resp: 1075238
Ion Ratio Lower Upper
93 100
66 38.8 31.0 46.6
65 19.5 15.5 23.3





#7
Phenol-d6
Concen: 166.42 ng
RT: 6.858 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

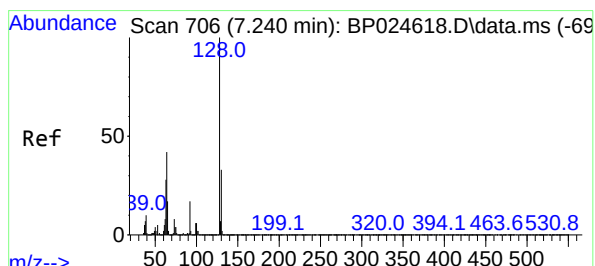
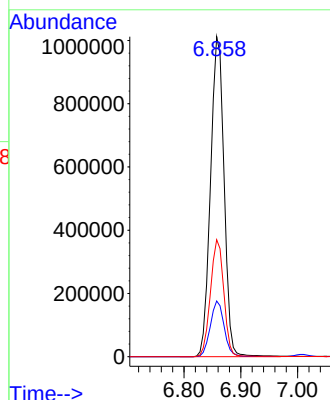
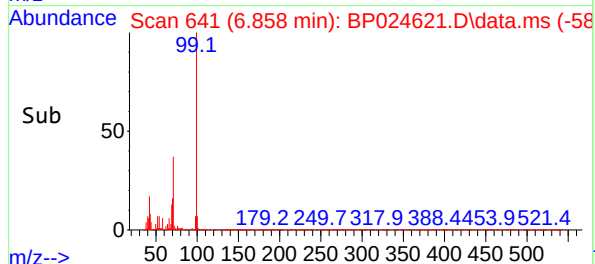
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 1670035
Ion Ratio Lower Upper
99 100
42 17.4 14.4 21.6
71 36.6 29.2 43.8

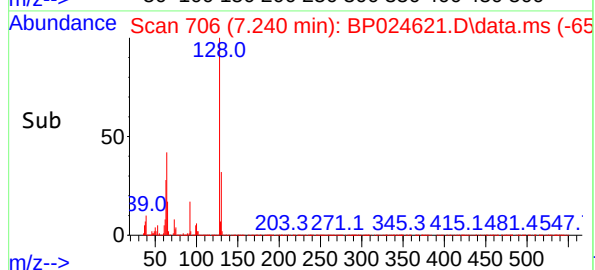
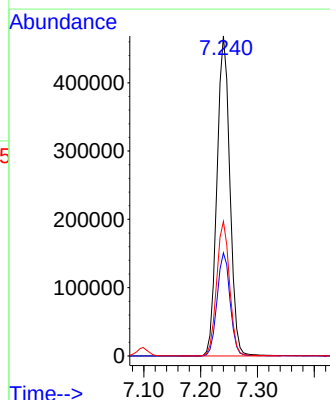
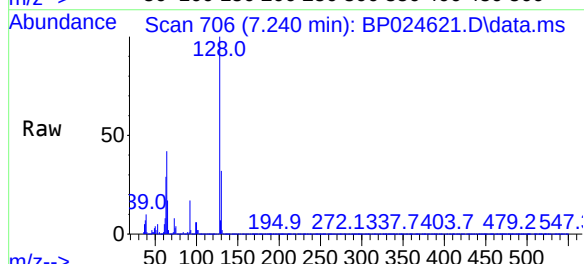
Manual Integrations
APPROVED

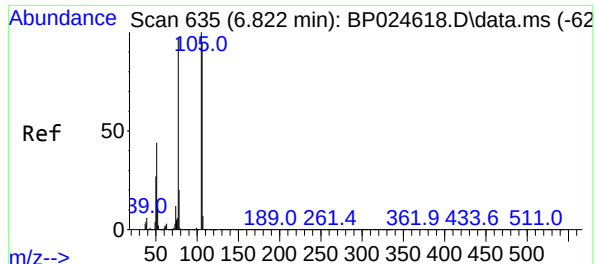
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#8
2-Chlorophenol
Concen: 82.91 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:128 Resp: 740005
Ion Ratio Lower Upper
128 100
130 32.2 13.0 53.0
64 42.1 22.3 62.3





#9

Benzaldehyde

Concen: 63.54 ng

RT: 6.822 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 412028

Ion Ratio Lower Upper

77 100

105 103.1 83.3 123.3

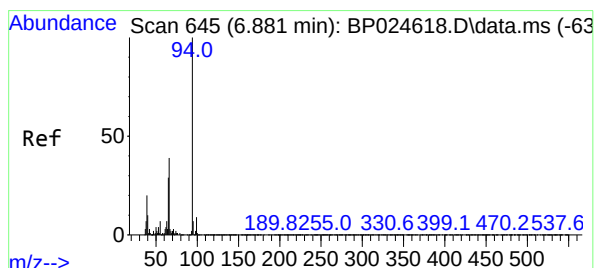
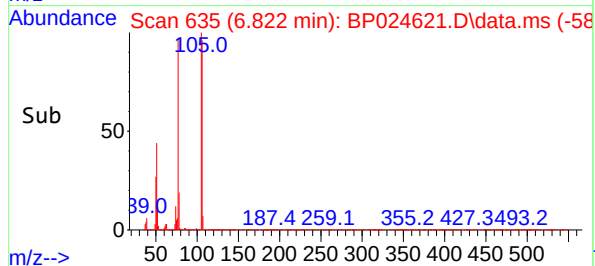
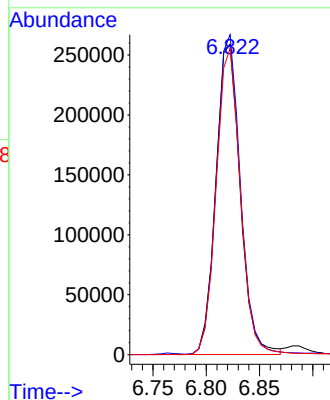
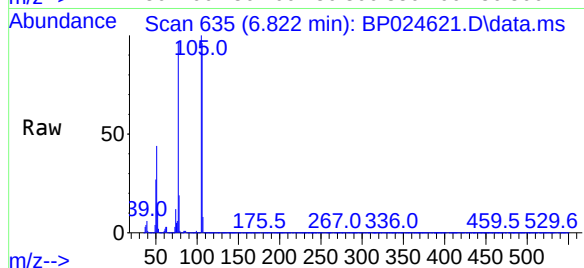
106 98.7 78.0 118.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#10

Phenol

Concen: 82.95 ng

RT: 6.887 min Scan# 646

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

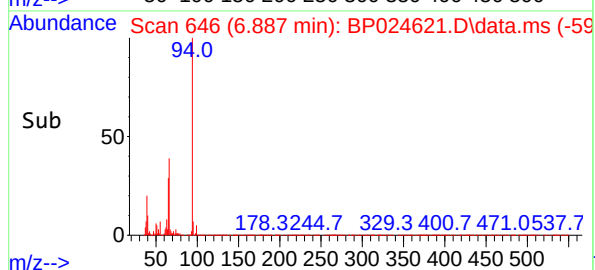
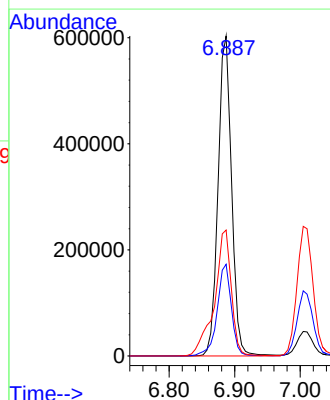
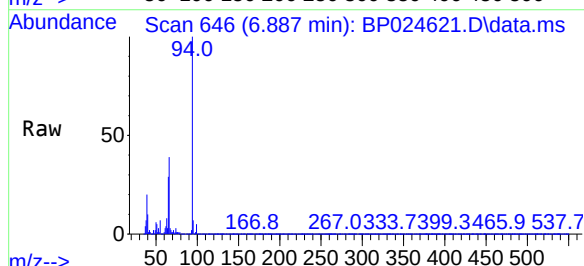
Tgt Ion: 94 Resp: 859122

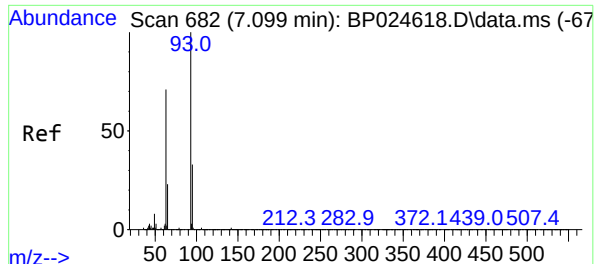
Ion Ratio Lower Upper

94 100

65 28.6 8.7 48.7

66 39.3 19.4 59.4





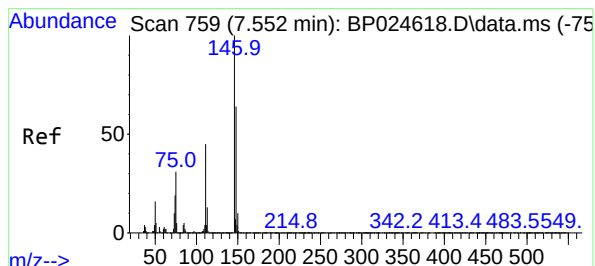
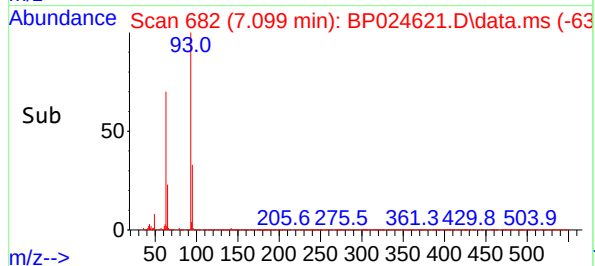
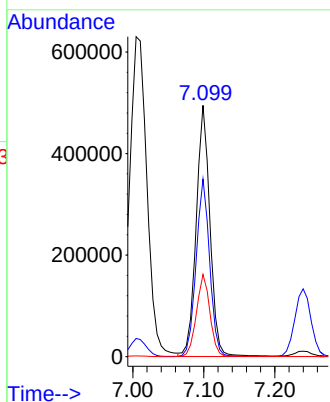
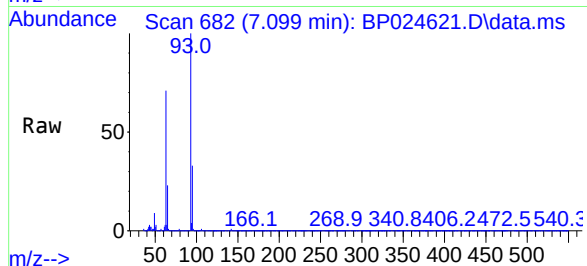
#11
bis(2-Chloroethyl)ether
Concen: 78.79 ng
RT: 7.099 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 670572
Ion Ratio Lower Upper
93 100
63 70.6 50.6 90.6
95 32.7 12.9 52.9

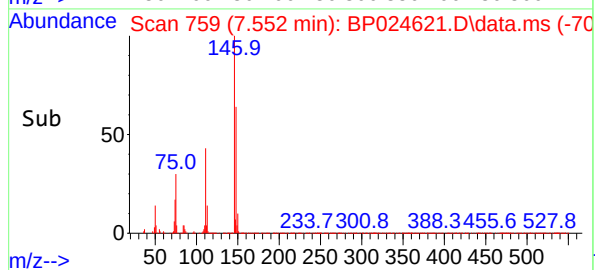
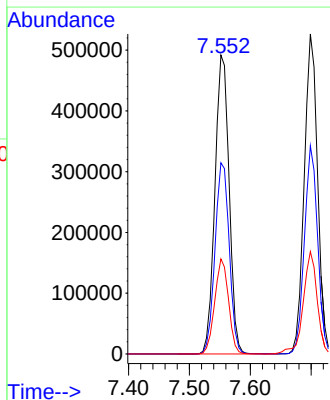
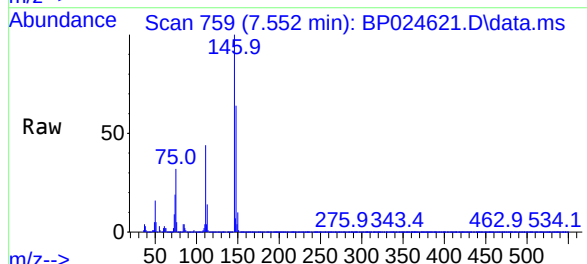
Manual Integrations
APPROVED

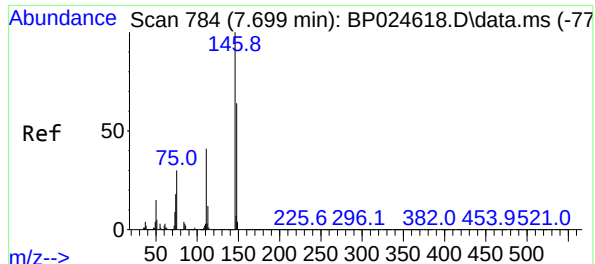
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#12
1,3-Dichlorobenzene
Concen: 77.51 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:146 Resp: 795953
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
75 31.8 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 77.67 ng

RT: 7.699 min Scan# 784

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 80218

Ion Ratio Lower Upper

146 100

148 65.1 51.0 76.6

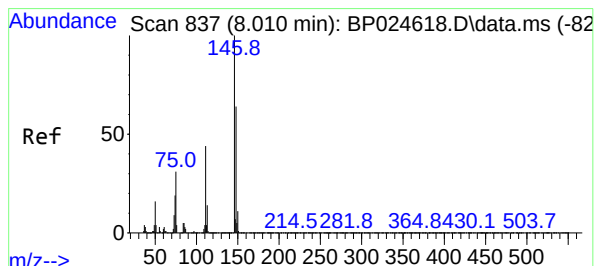
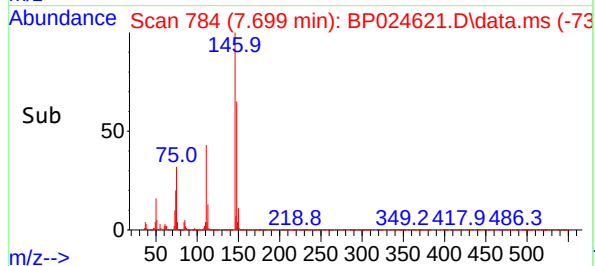
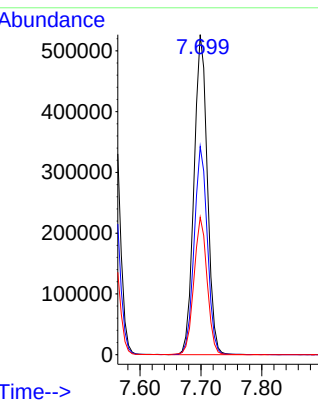
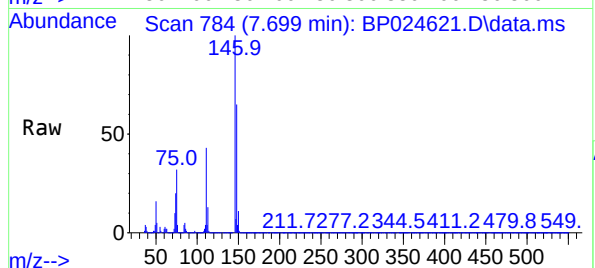
111 43.0 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#14

1,2-Dichlorobenzene

Concen: 77.43 ng

RT: 8.010 min Scan# 837

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

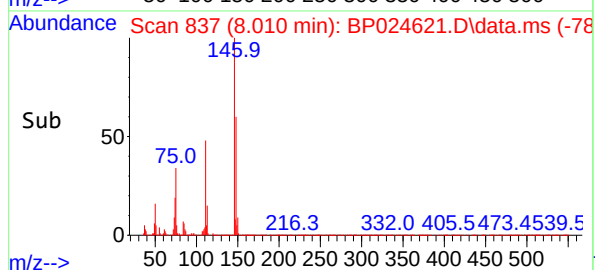
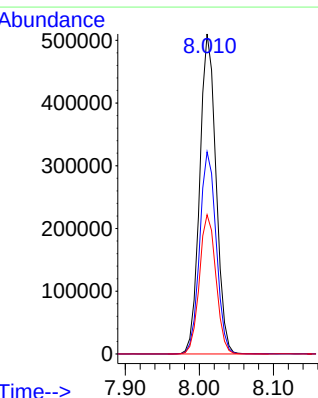
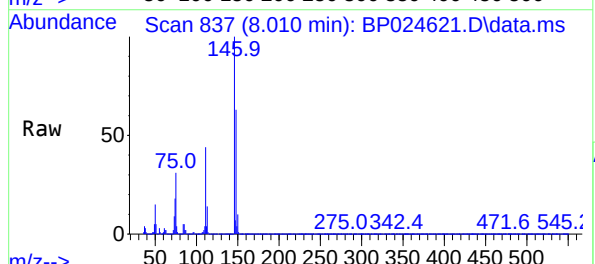
Tgt Ion:146 Resp: 779316

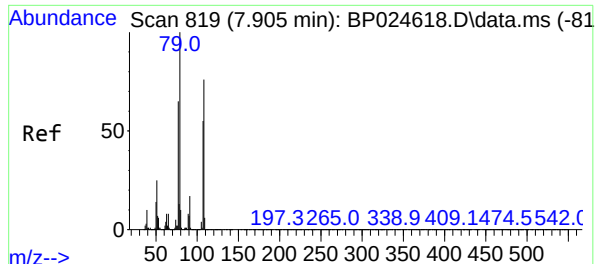
Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.4

111 43.5 35.2 52.8





#15

Benzyl Alcohol

Concen: 87.16 ng

RT: 7.910 min Scan# 819

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 664684

Ion Ratio Lower Upper

79 100

108 76.7 60.8 91.2

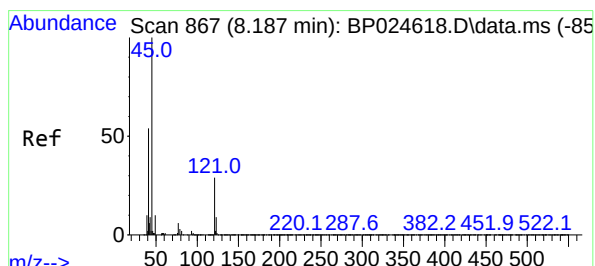
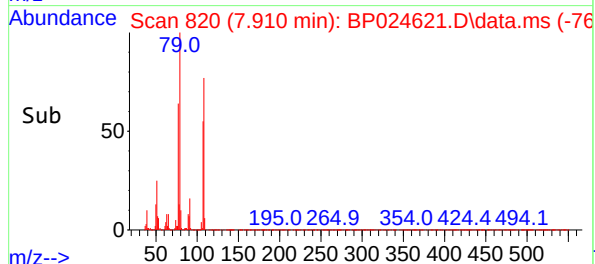
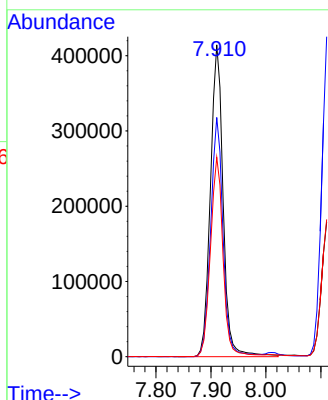
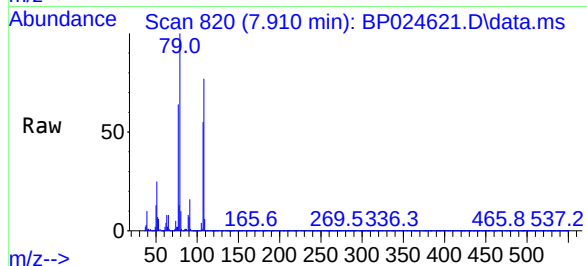
77 63.9 51.9 77.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 76.75 ng

RT: 8.187 min Scan# 867

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

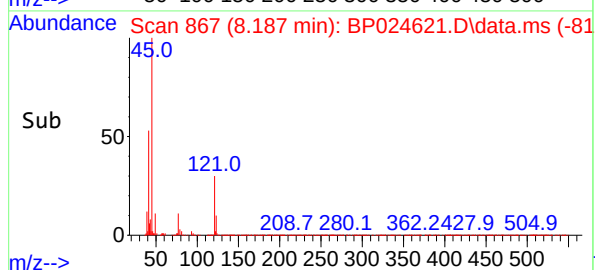
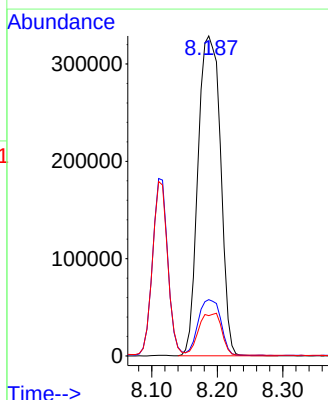
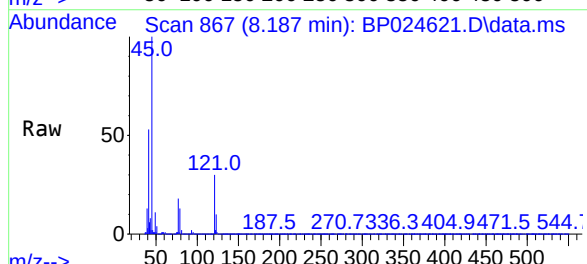
Tgt Ion: 45 Resp: 782240

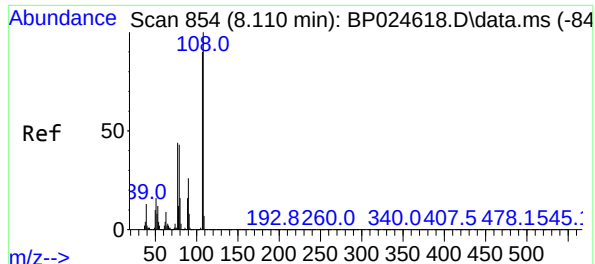
Ion Ratio Lower Upper

45 100

77 17.6 0.0 37.7

79 12.6 0.0 34.0





#17

2-Methylphenol

Concen: 83.58 ng

RT: 8.110 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 62090

Ion Ratio Lower Upper

107 100

108 110.9 88.9 133.3

77 47.6 39.0 58.6

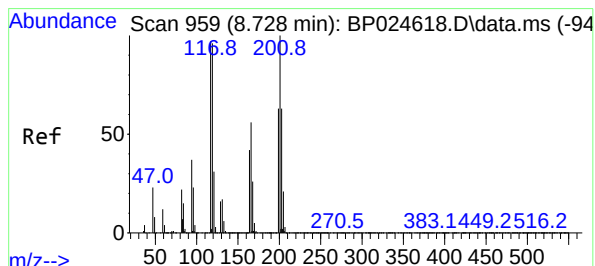
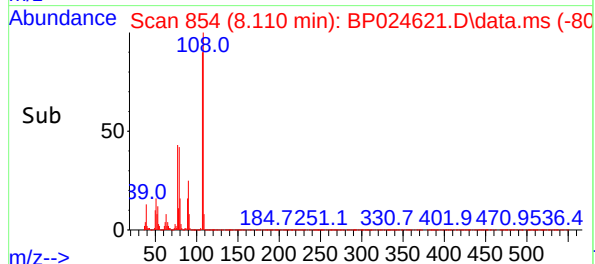
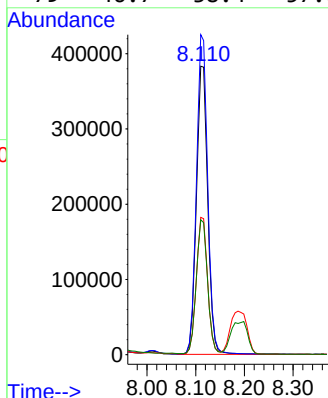
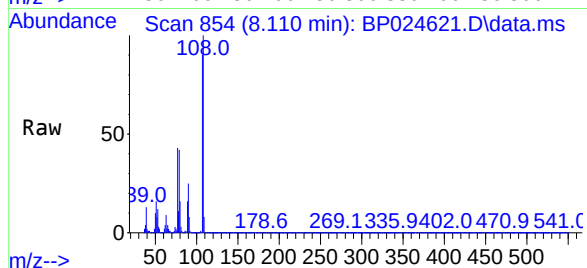
79 46.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#18

Hexachloroethane

Concen: 77.52 ng

RT: 8.728 min Scan# 959

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

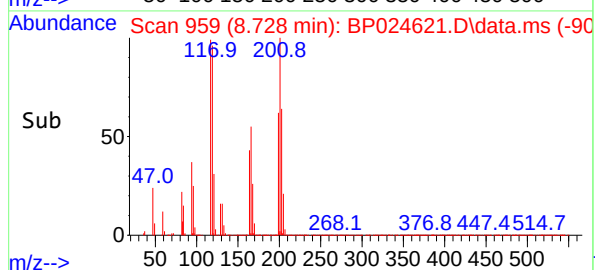
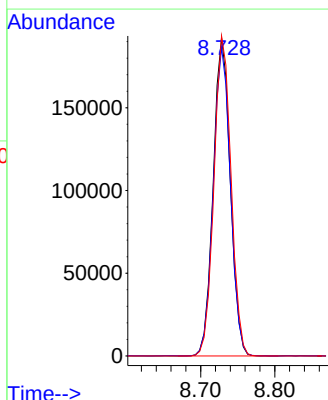
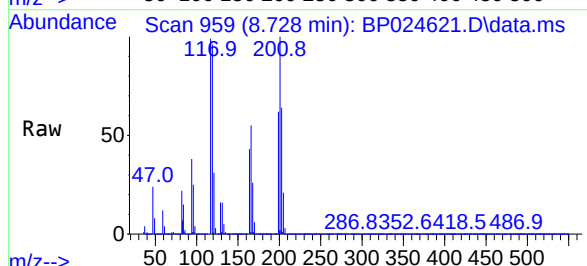
Tgt Ion:117 Resp: 306812

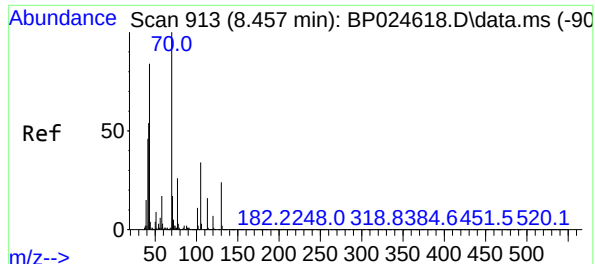
Ion Ratio Lower Upper

117 100

119 96.9 79.4 119.0

201 100.5 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 79.50 ng

RT: 8.469 min Scan# 913

Delta R.T. 0.012 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 55184

Ion Ratio Lower Upper

70 100

42 54.6 43.0 64.6

101 11.2 8.7 13.1

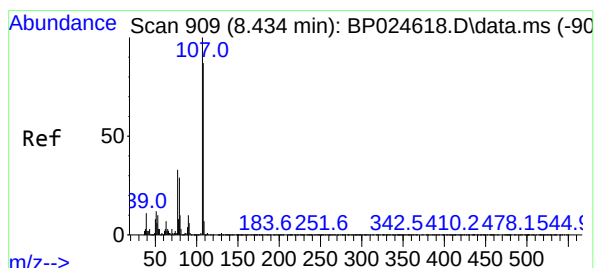
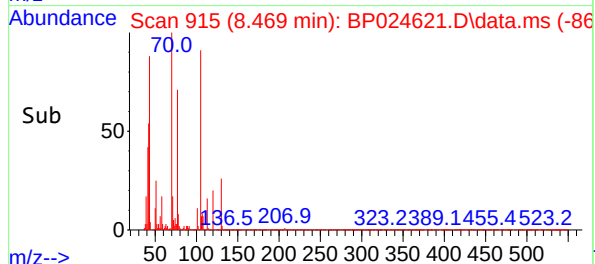
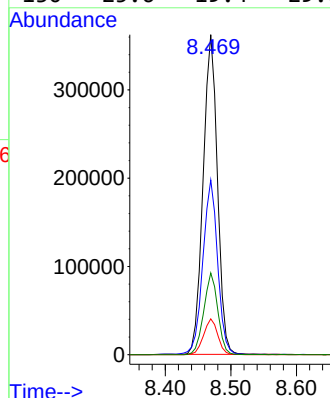
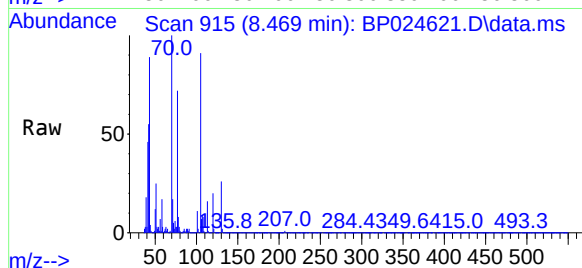
130 25.6 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#20

3+4-Methylphenols

Concen: 84.32 ng

RT: 8.440 min Scan# 910

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Tgt Ion:107 Resp: 852078

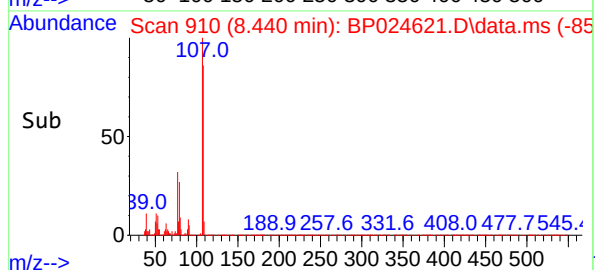
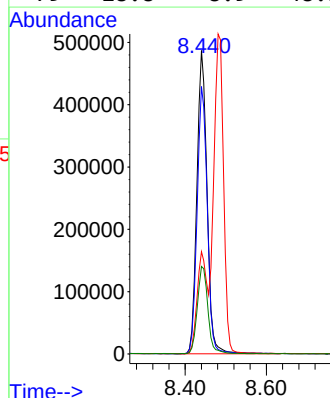
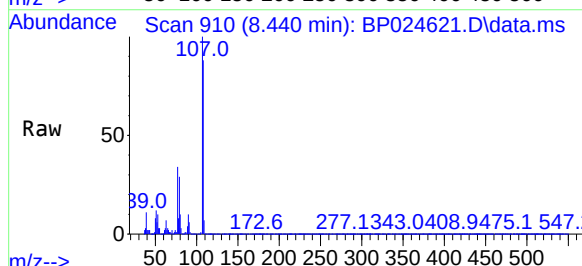
Ion Ratio Lower Upper

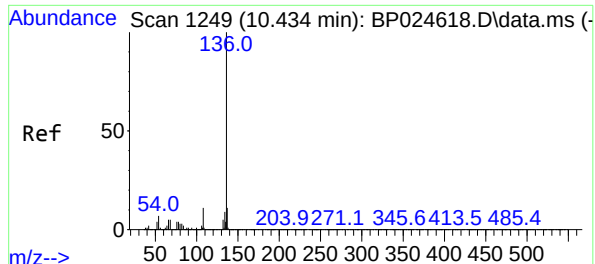
107 100

108 88.1 66.7 106.7

77 33.7 13.1 53.1

79 28.8 8.9 48.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.434 min Scan# 1249

Delta R.T. -0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 584329

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.1 5.5 8.3

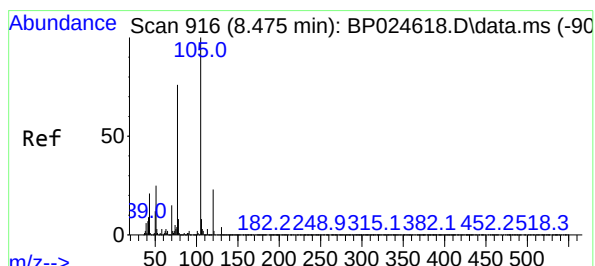
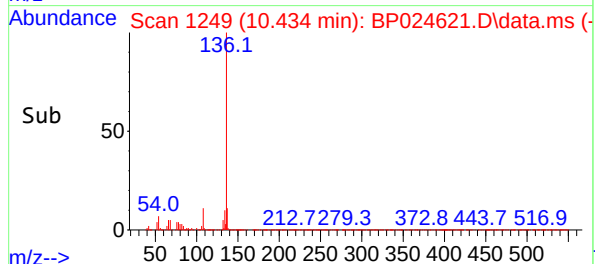
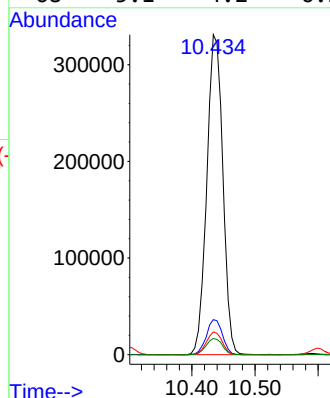
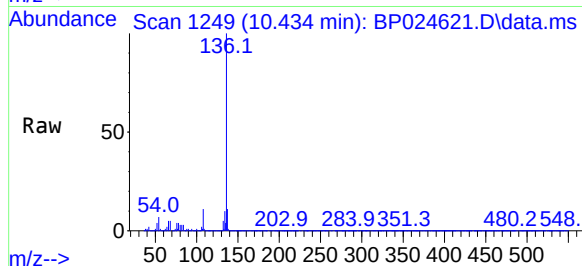
68 5.1 4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#22

Acetophenone

Concen: 78.62 ng

RT: 8.481 min Scan# 917

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Tgt Ion:105 Resp: 1147610

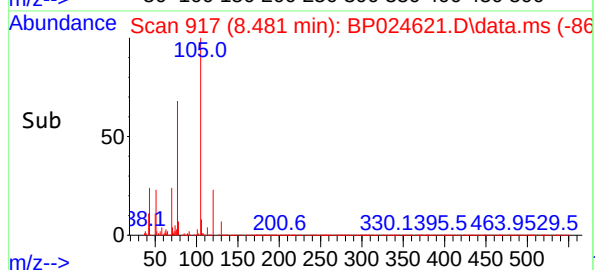
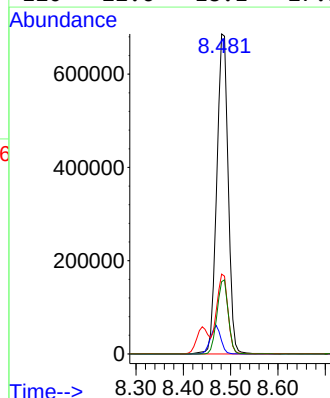
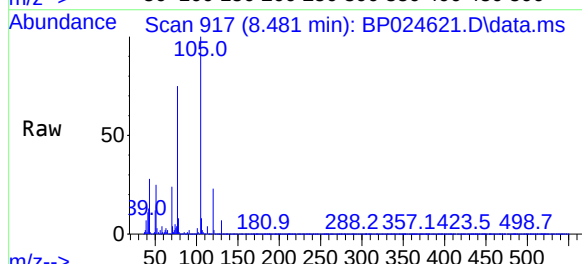
Ion Ratio Lower Upper

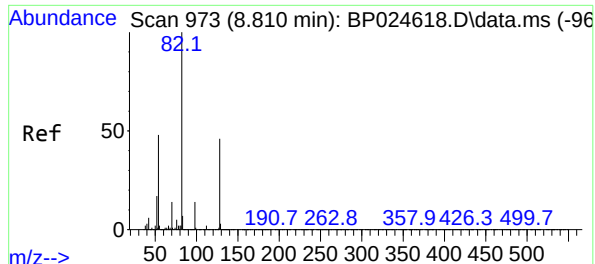
105 100

71 4.0 2.0 3.0#

51 25.0 20.4 30.6

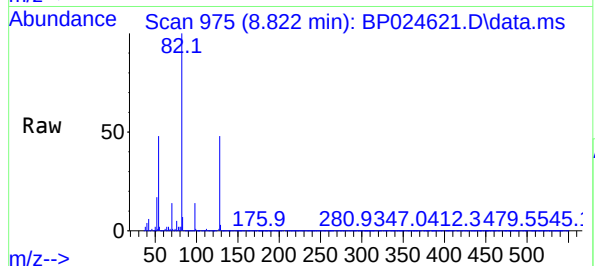
120 22.6 18.1 27.1





#23
Nitrobenzene-d5
Concen: 159.12 ng
RT: 8.822 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

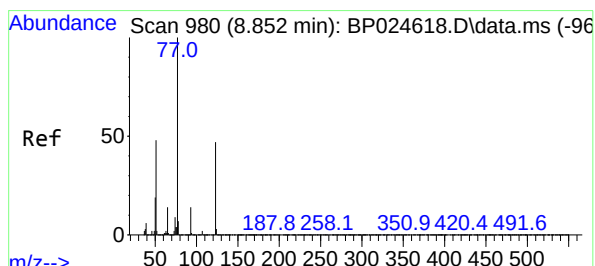
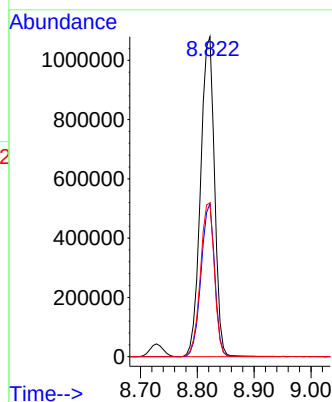
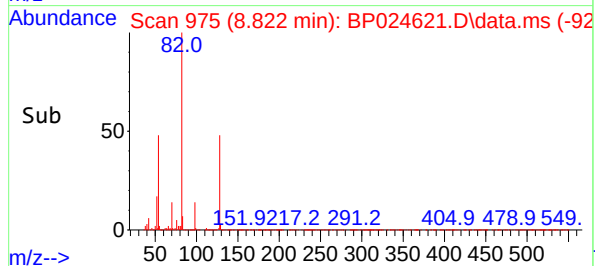
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 184018
Ion Ratio Lower Upper
82 100
128 47.8 37.0 55.4
54 48.0 38.7 58.1

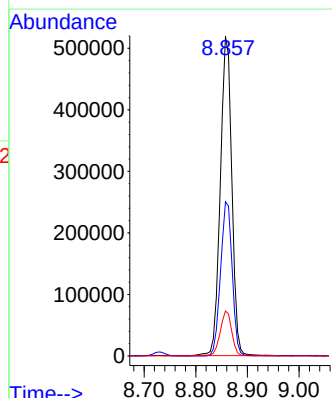
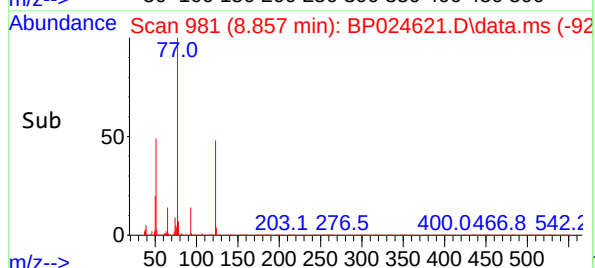
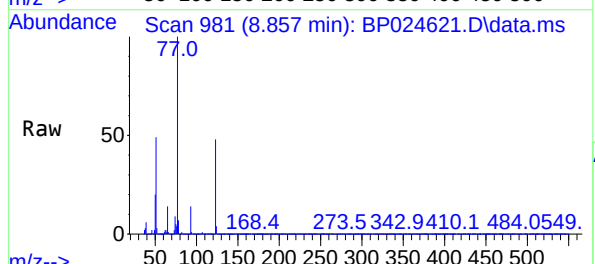
Manual Integrations
APPROVED

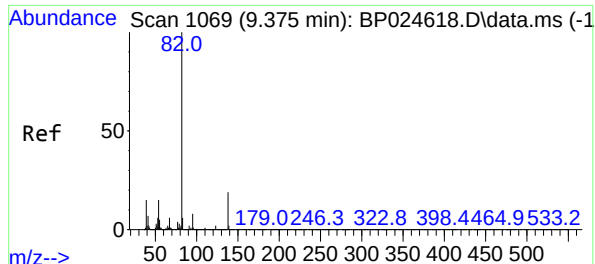
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#24
Nitrobenzene
Concen: 79.02 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

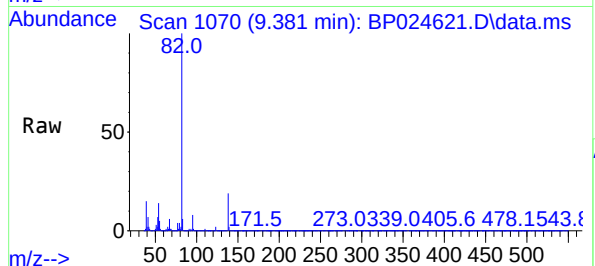
Tgt Ion: 77 Resp: 804153
Ion Ratio Lower Upper
77 100
123 48.2 37.4 56.0
65 14.0 11.3 16.9





#25
Isophorone
Concen: 79.42 ng
RT: 9.381 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

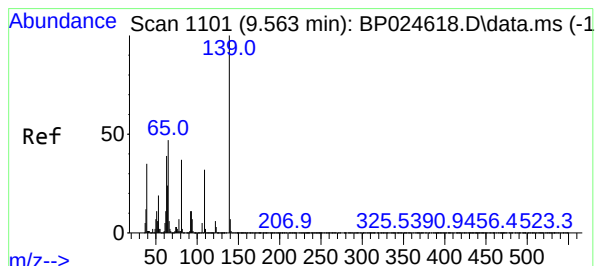
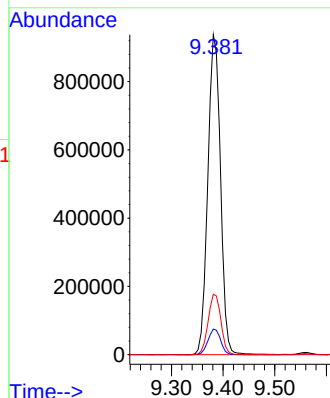
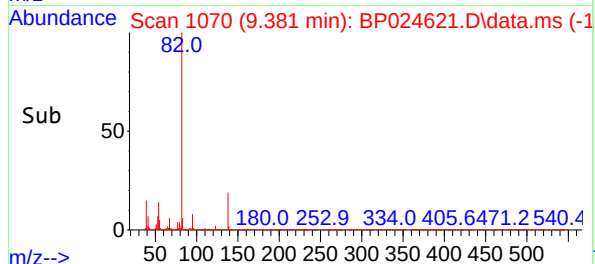
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 159323
Ion Ratio Lower Upper
82 100
95 8.0 6.3 9.5
138 18.9 15.3 22.9

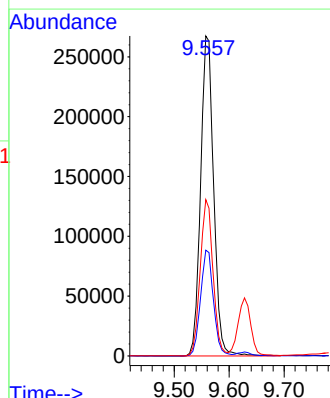
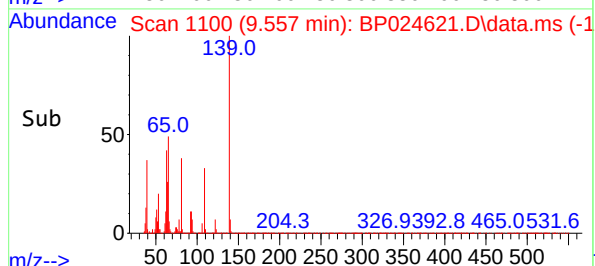
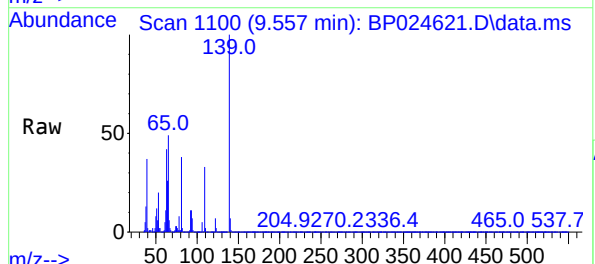
Manual Integrations
APPROVED

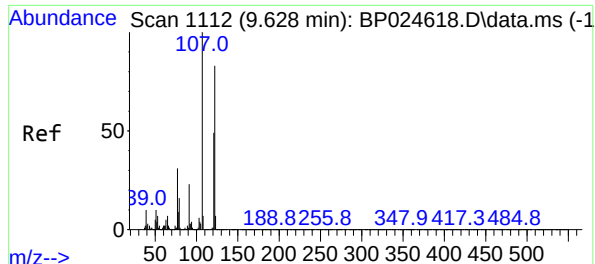
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#26
2-Nitrophenol
Concen: 88.67 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:139 Resp: 442185
Ion Ratio Lower Upper
139 100
109 33.1 25.9 38.9
65 48.8 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 82.17 ng

RT: 9.628 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 722439

Ion Ratio Lower Upper

122 100

107 120.6 96.2 144.2

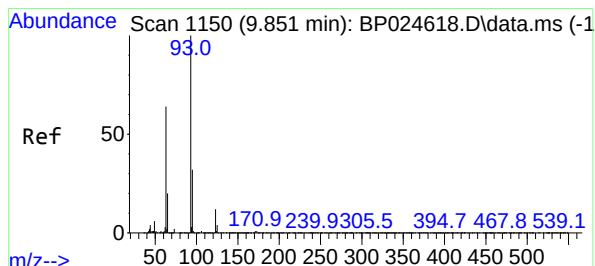
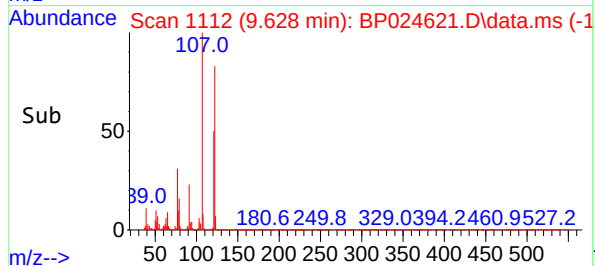
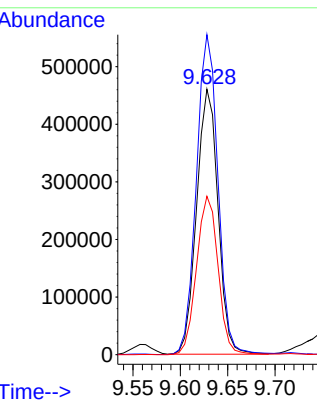
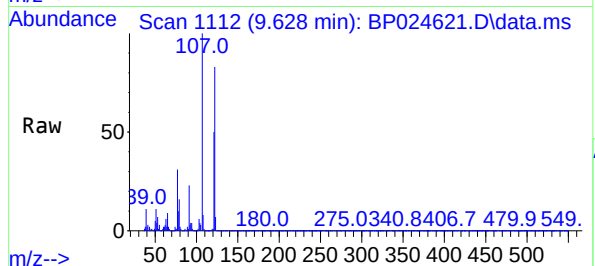
121 59.7 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 78.98 ng

RT: 9.857 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

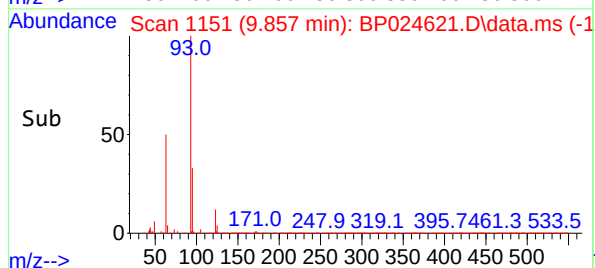
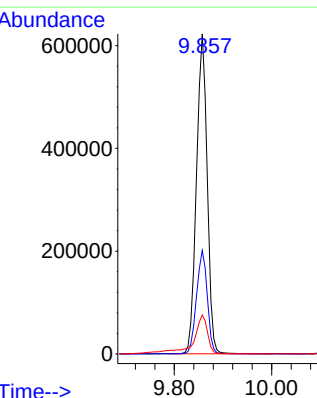
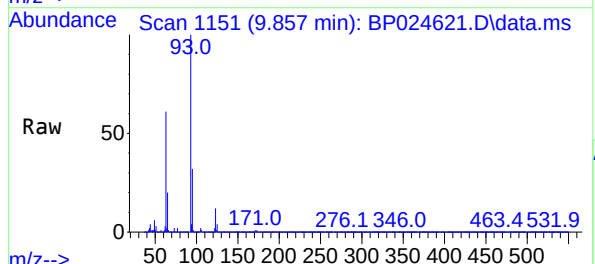
Tgt Ion: 93 Resp: 946615

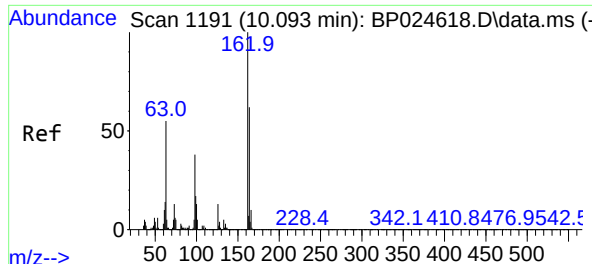
Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

123 12.2 9.7 14.5





#29
2,4-Dichlorophenol
Concen: 84.70 ng
RT: 10.099 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

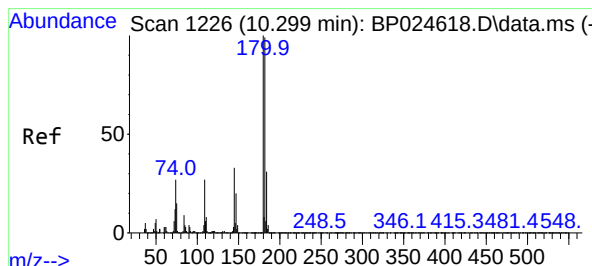
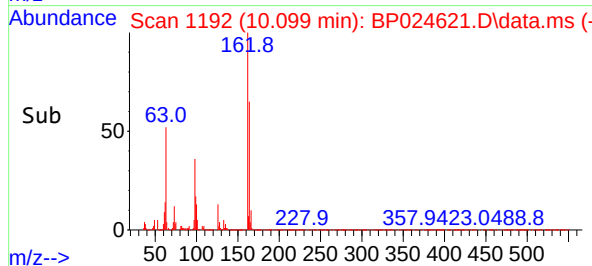
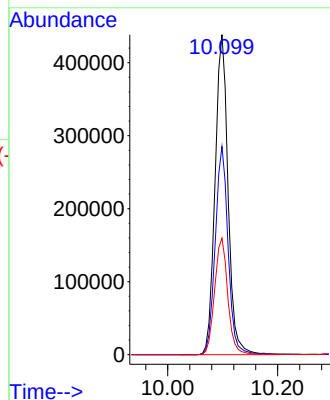
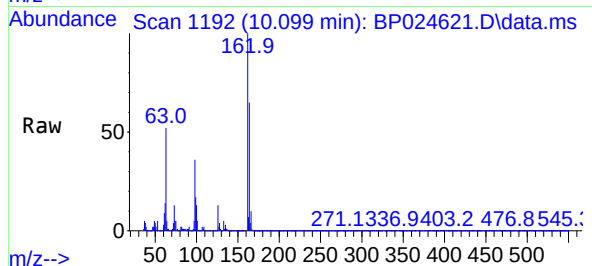
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.3	82.3
98	36.5	18.4	58.4

Manual Integrations

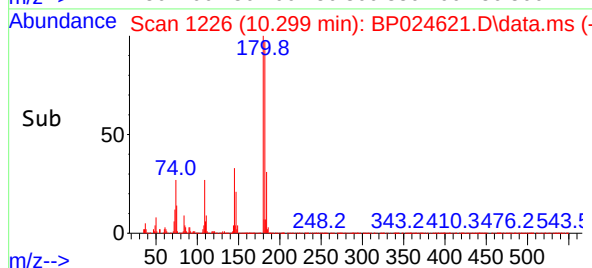
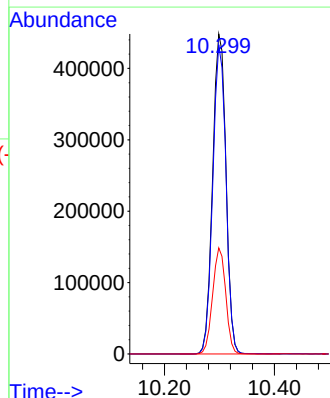
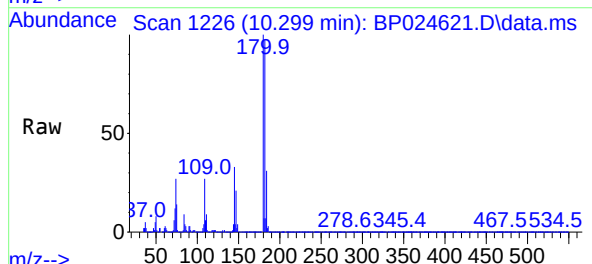
APPROVED

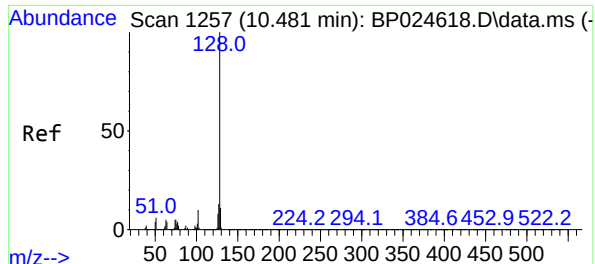
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#30
1,2,4-Trichlorobenzene
Concen: 78.69 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	79.0	118.4
145	33.1	26.6	39.8





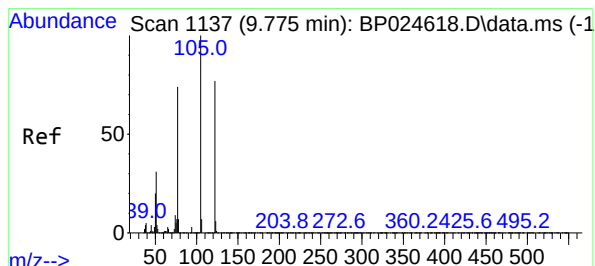
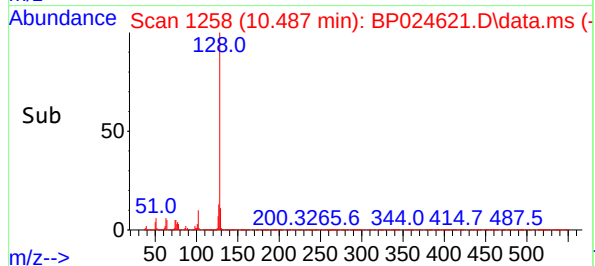
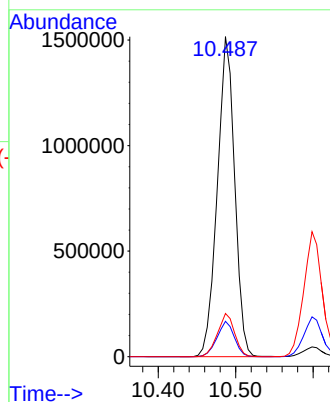
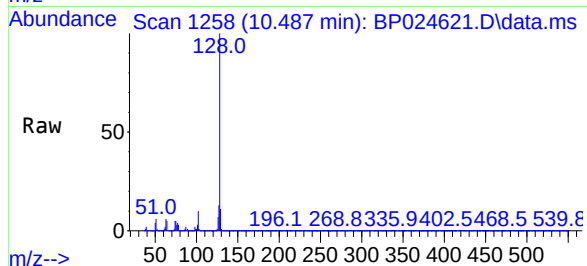
#31
Naphthalene
Concen: 77.77 ng
RT: 10.487 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 2354789
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.7 16.1

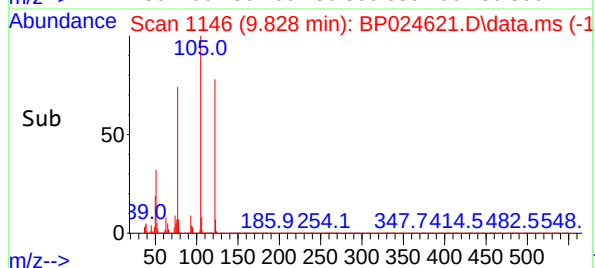
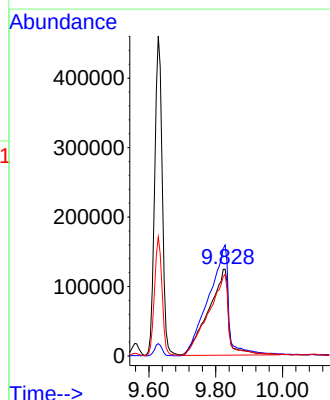
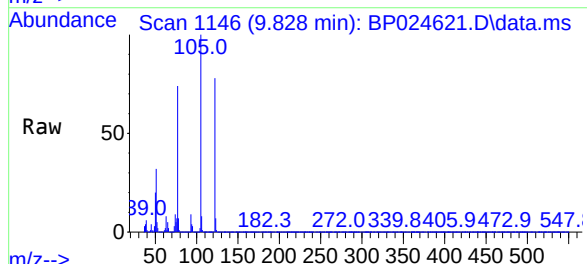
Manual Integrations
APPROVED

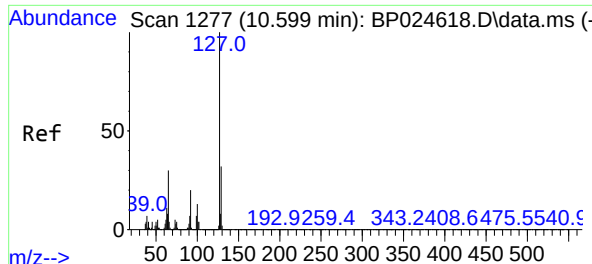
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#32
Benzoic acid
Concen: 80.15 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.053 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:122 Resp: 525308
Ion Ratio Lower Upper
122 100
105 127.9 106.9 146.9
77 94.2 75.1 115.1





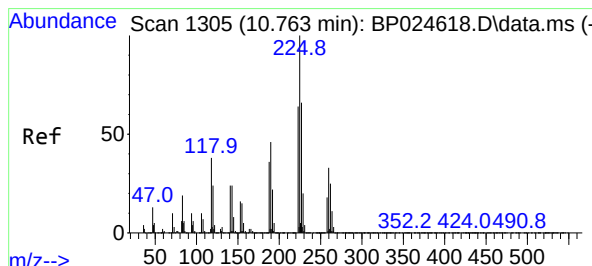
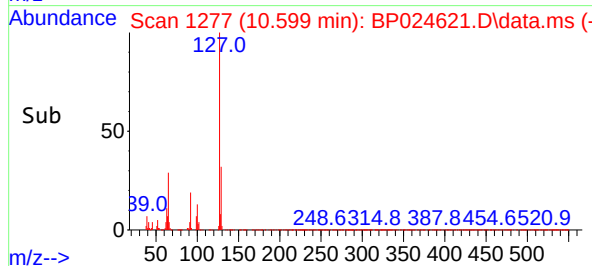
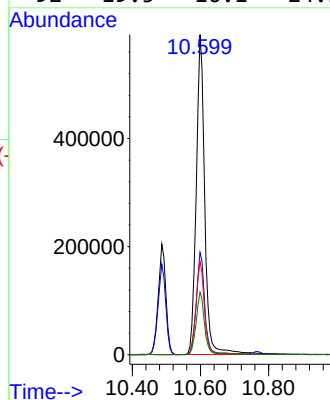
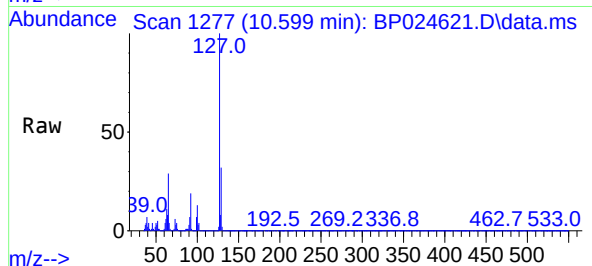
#33
4-Chloroaniline
Concen: 84.61 ng
RT: 10.599 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 103386
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.6
65 29.1 23.9 35.9
92 19.5 16.1 24.1

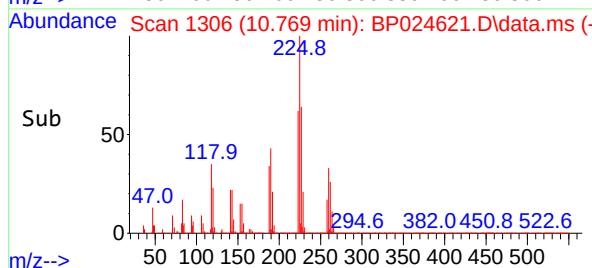
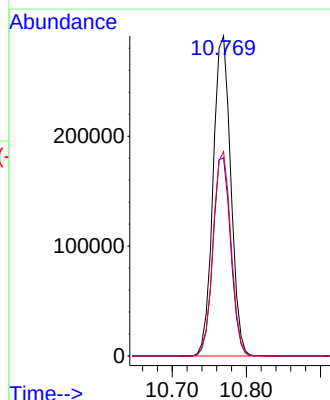
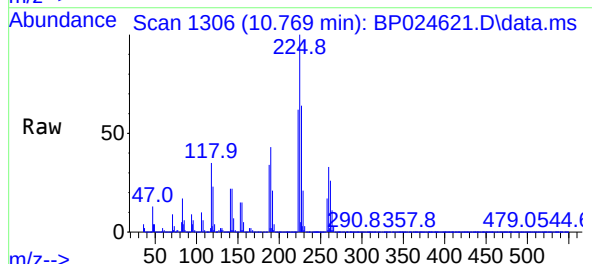
Manual Integrations
APPROVED

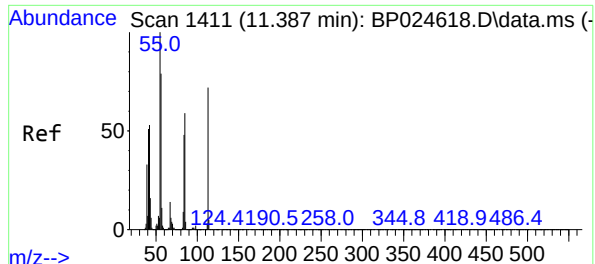
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#34
Hexachlorobutadiene
Concen: 77.35 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:225 Resp: 481140
Ion Ratio Lower Upper
225 100
223 61.9 51.0 76.6
227 63.8 53.1 79.7





#35

Caprolactam

Concen: 83.50 ng

RT: 11.416 min Scan# 1411

Delta R.T. 0.029 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:113 Resp: 25725

Ion Ratio Lower Upper

113 100

55 133.3 119.0 159.0

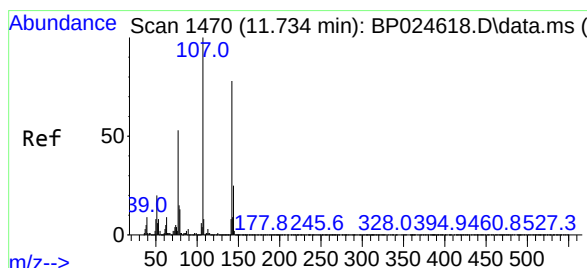
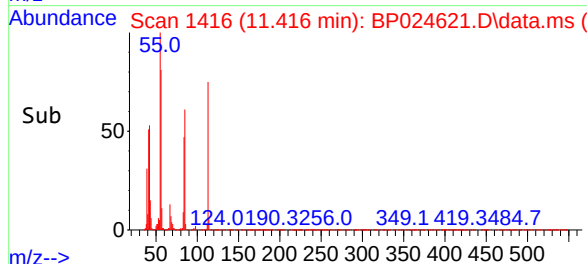
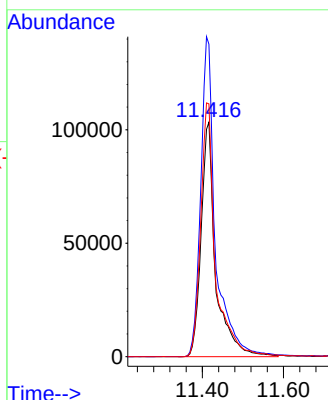
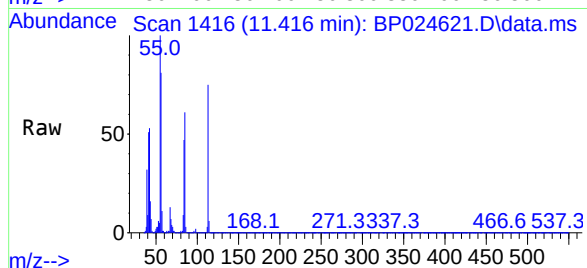
56 107.8 90.3 130.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#36

4-Chloro-3-methylphenol

Concen: 80.74 ng

RT: 11.734 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

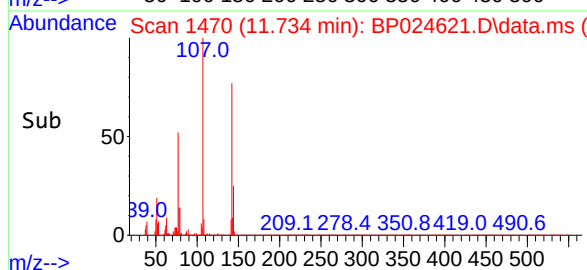
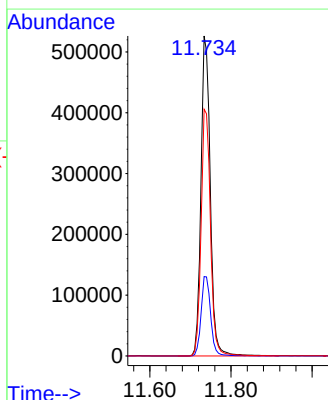
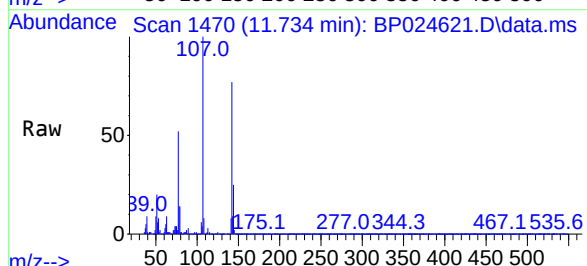
Tgt Ion:107 Resp: 838983

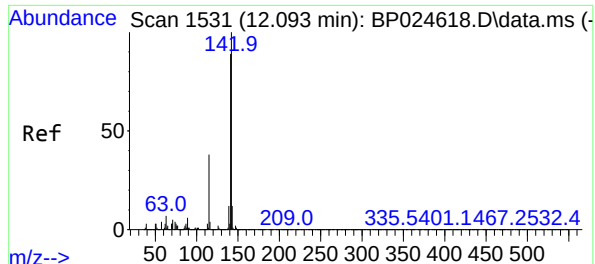
Ion Ratio Lower Upper

107 100

144 24.8 20.1 30.1

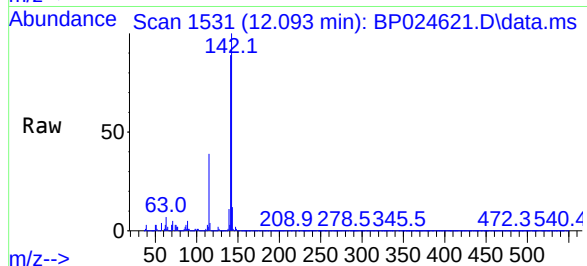
142 77.1 62.1 93.1





#37
2-Methylnaphthalene
Concen: 78.01 ng
RT: 12.093 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

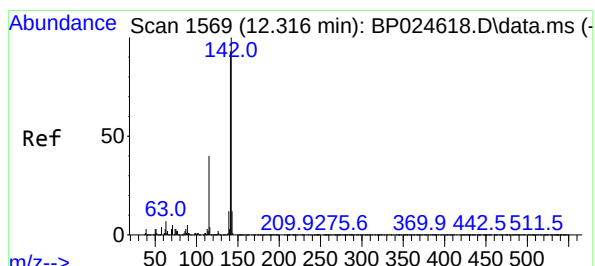
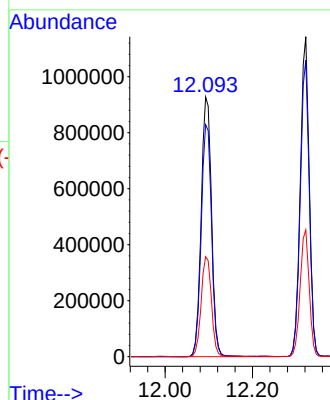
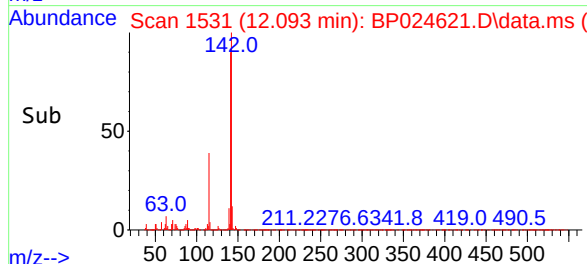
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



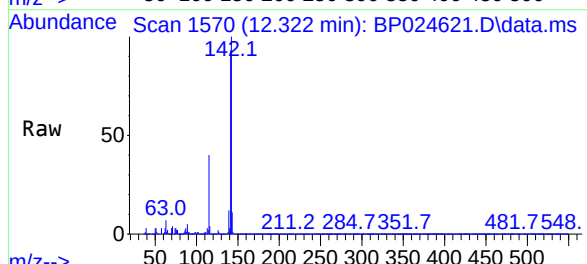
Tgt Ion:142 Resp: 152944
Ion Ratio Lower Upper
142 100
141 89.3 71.2 106.8
115 38.5 30.6 46.0

Manual Integrations
APPROVED

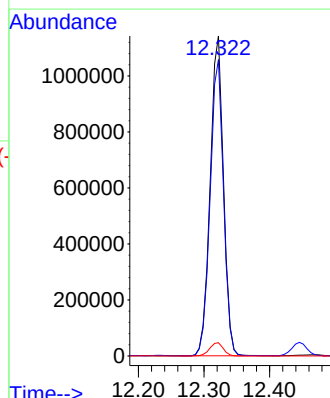
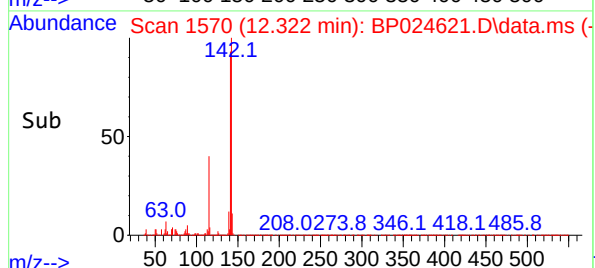
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

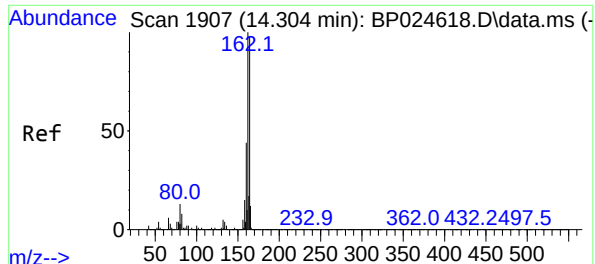


#38
1-Methylnaphthalene
Concen: 76.92 ng
RT: 12.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26



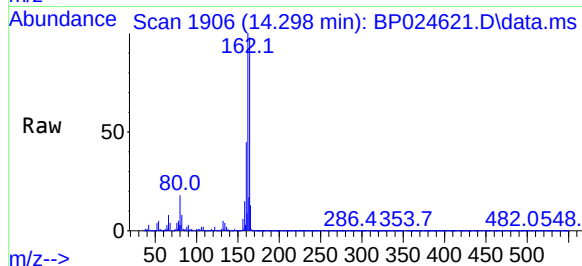
Tgt Ion:142 Resp: 1613775
Ion Ratio Lower Upper
142 100
141 92.6 74.7 112.1
116 4.1 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

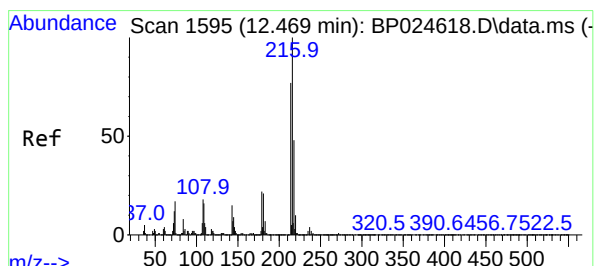
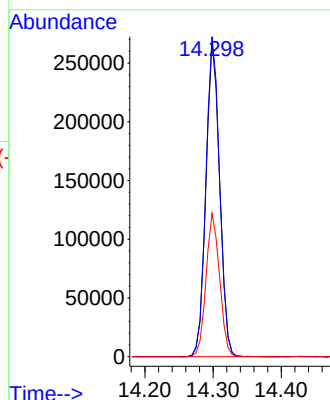
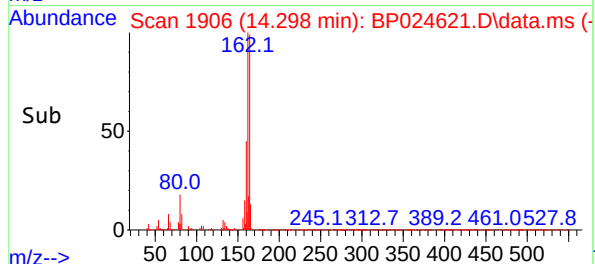
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:164 Resp: 37357
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 45.5 36.3 54.5

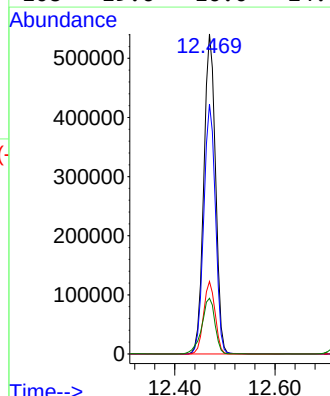
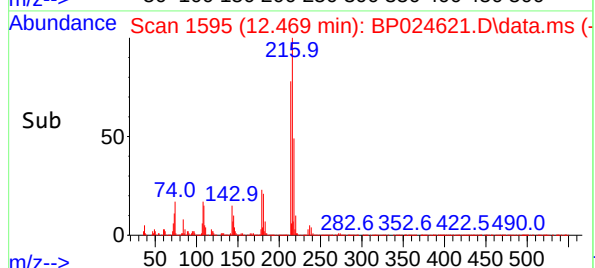
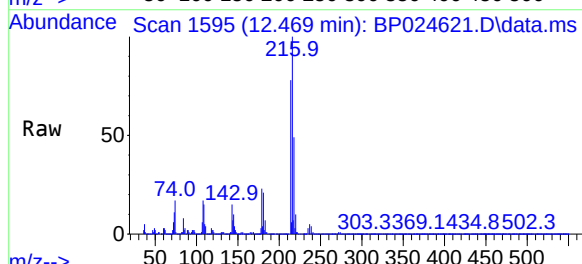
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

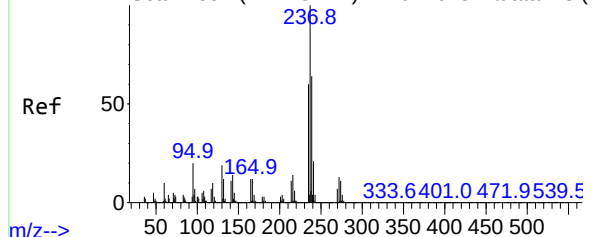


#40
1,2,4,5-Tetrachlorobenzene
Concen: 80.73 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:216 Resp: 875750
Ion Ratio Lower Upper
216 100
214 78.0 62.3 93.5
179 22.4 17.7 26.5
108 19.6 16.0 24.0

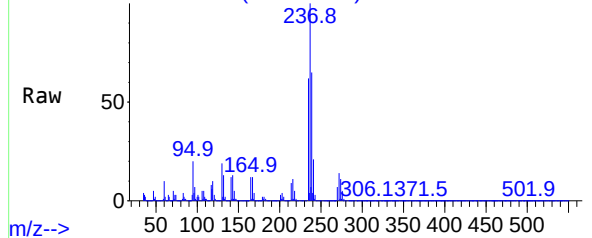


Abundance Scan 1591 (12.445 min): BP024618.D\data.ms (-



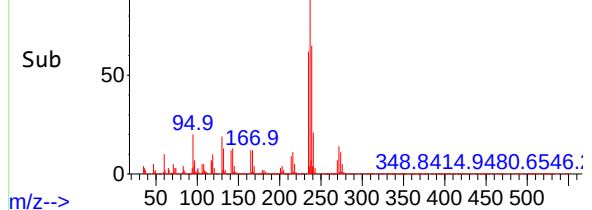
m/z-->

Abundance Scan 1591 (12.446 min): BP024621.D\data.ms (-



m/z-->

Abundance Scan 1591 (12.446 min): BP024621.D\data.ms (-



m/z-->

#41

Hexachlorocyclopentadiene

Concen: 95.54 ng

RT: 12.446 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:237 Resp: 628430

Ion Ratio Lower Upper

237 100

235 61.9 39.9 79.9

272 14.1 0.0 33.2

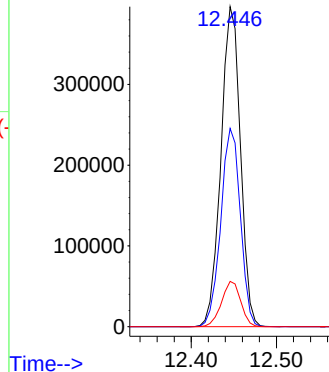
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

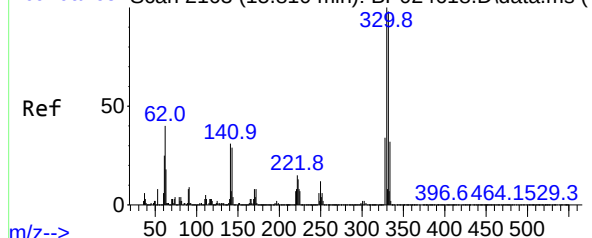
Supervised By :Jagrut Upadhyay 05/14/2025

Abundance



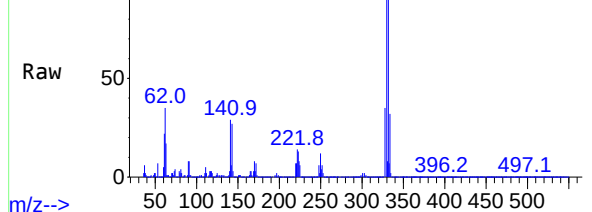
Time-->

Abundance Scan 2163 (15.810 min): BP024618.D\data.ms (-



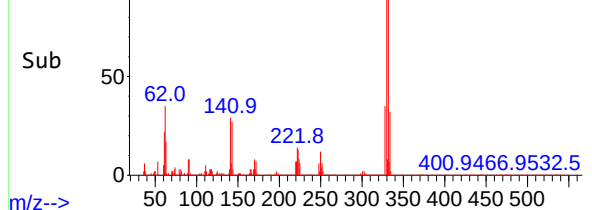
m/z-->

Abundance Scan 2166 (15.828 min): BP024621.D\data.ms (-



m/z-->

Abundance Scan 2166 (15.828 min): BP024621.D\data.ms (-



m/z-->

#42

2,4,6-Tribromophenol

Concen: 163.05 ng

RT: 15.828 min Scan# 2166

Delta R.T. 0.018 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Tgt Ion:330 Resp: 1032638

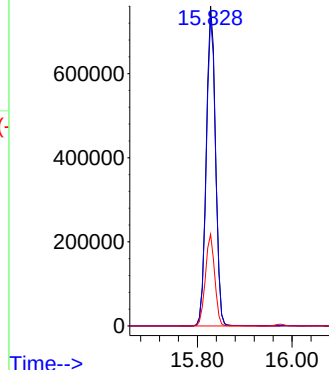
Ion Ratio Lower Upper

330 100

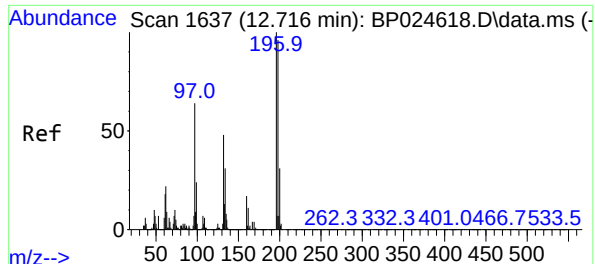
332 96.7 78.2 117.4

141 28.8 24.3 36.5

Abundance



Time-->



#43

2,4,6-Trichlorophenol

Concen: 85.58 ng

RT: 12.716 min Scan# 1637

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 60133

Ion Ratio Lower Upper

196 100

198 94.9 76.9 115.3

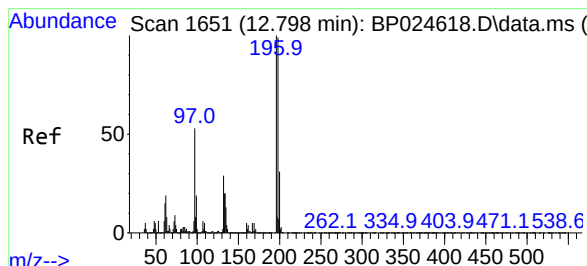
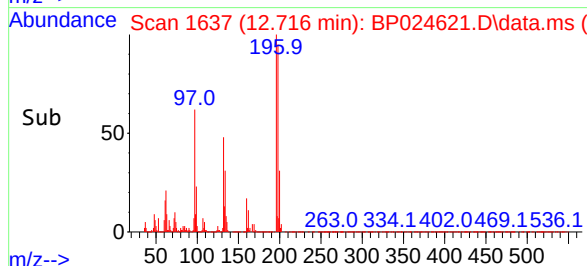
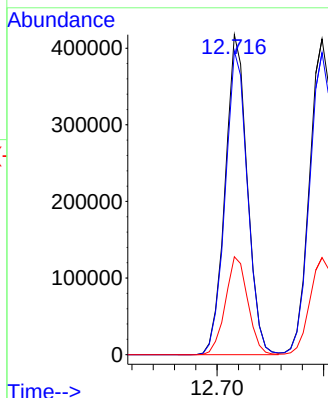
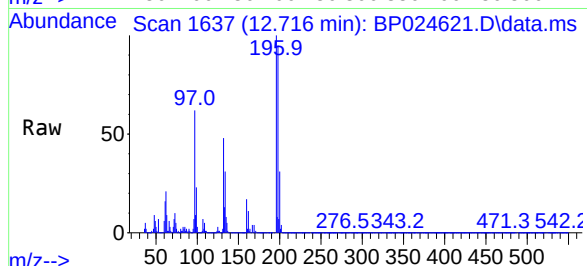
200 30.6 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#44

2,4,5-Trichlorophenol

Concen: 84.05 ng

RT: 12.798 min Scan# 1651

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Tgt Ion:196 Resp: 657399

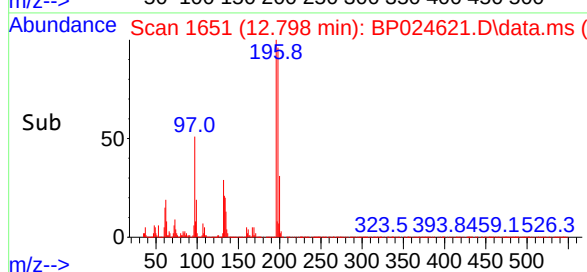
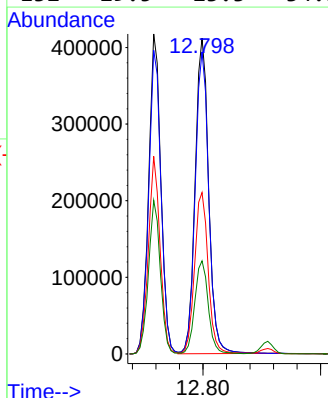
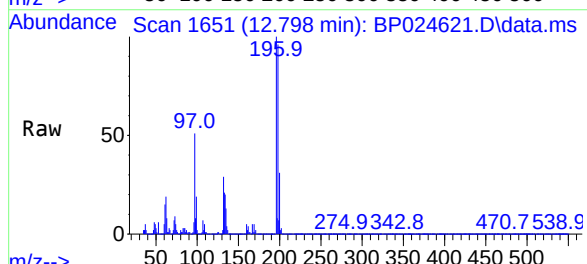
Ion Ratio Lower Upper

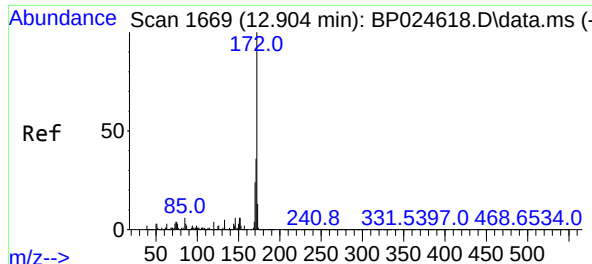
196 100

198 95.7 79.2 118.8

97 51.1 42.3 63.5

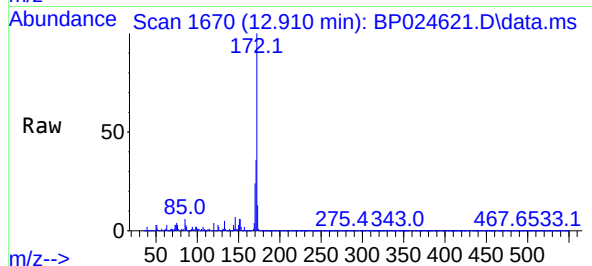
132 29.5 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 155.65 ng
RT: 12.910 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

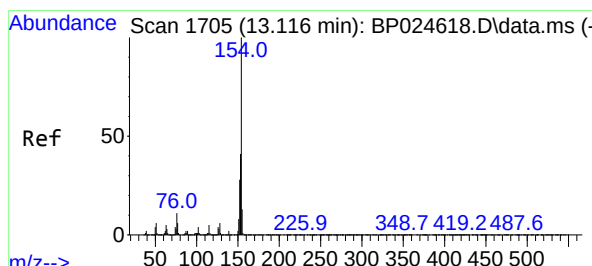
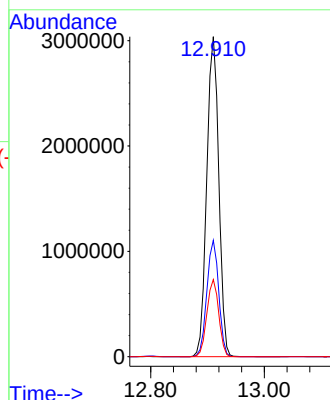
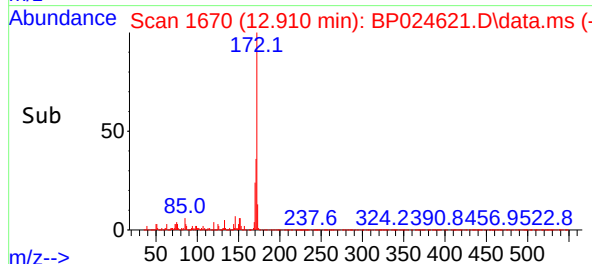
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:172 Resp: 4438179
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.1 18.8 28.2

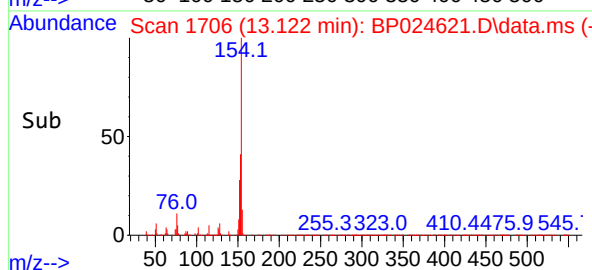
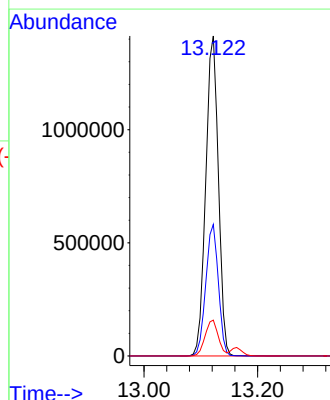
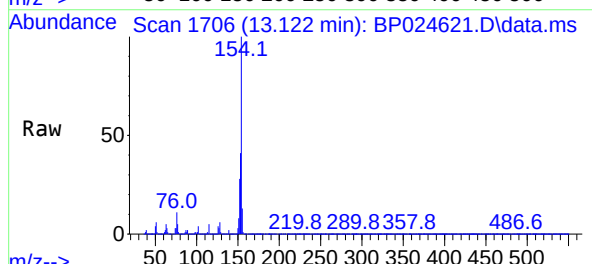
Manual Integrations
APPROVED

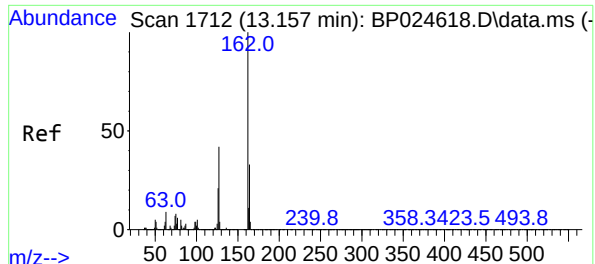
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#46
1,1'-Biphenyl
Concen: 78.79 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

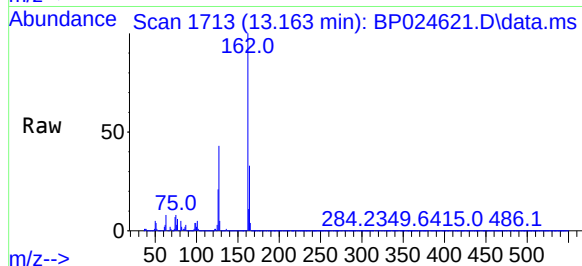
Tgt Ion:154 Resp: 2175624
Ion Ratio Lower Upper
154 100
153 41.1 21.0 61.0
76 11.2 0.0 31.5





#47
2-Chloronaphthalene
Concen: 78.99 ng
RT: 13.163 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

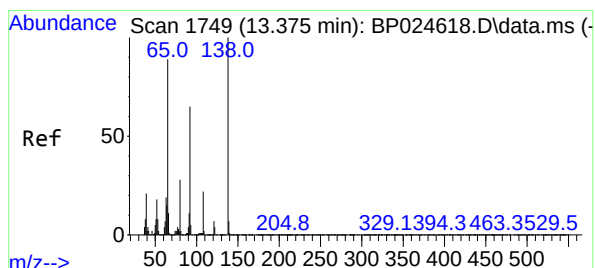
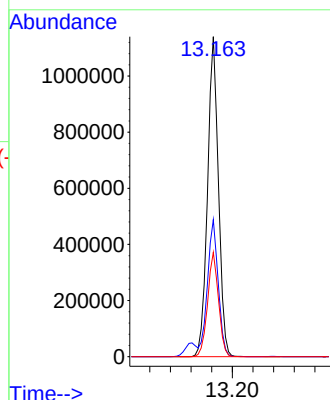
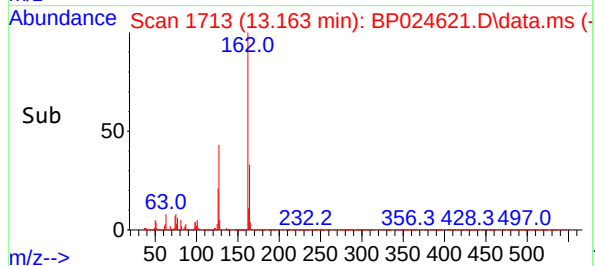
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



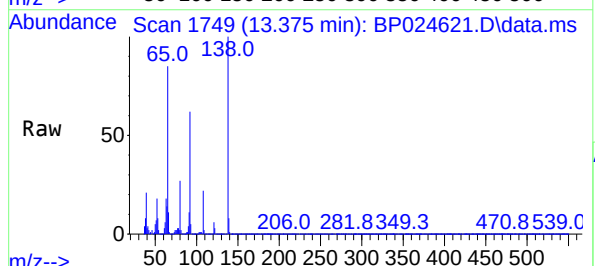
Tgt Ion:162 Resp: 1662979
Ion Ratio Lower Upper
162 100
127 42.8 33.8 50.6
164 32.6 26.0 39.0

Manual Integrations
APPROVED

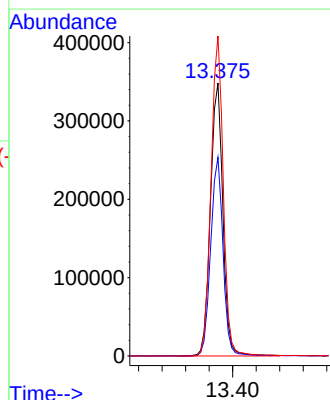
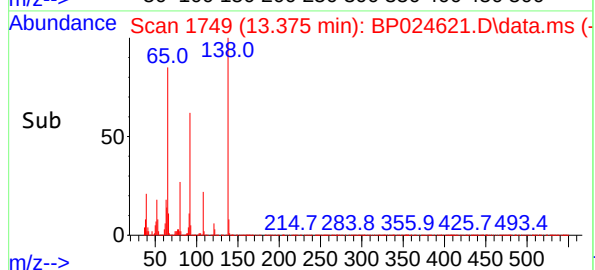
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

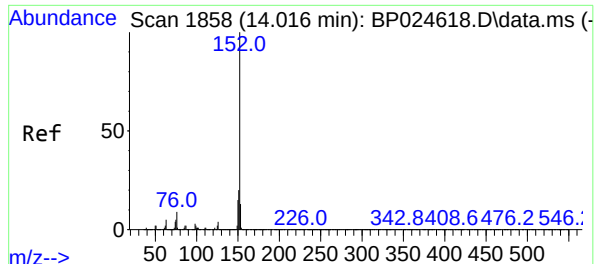


#48
2-Nitroaniline
Concen: 82.22 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26



Tgt Ion: 65 Resp: 512458
Ion Ratio Lower Upper
65 100
92 72.7 58.7 88.1
138 117.2 90.2 135.2





#49

Acenaphthylene

Concen: 78.73 ng

RT: 14.016 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 277374

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

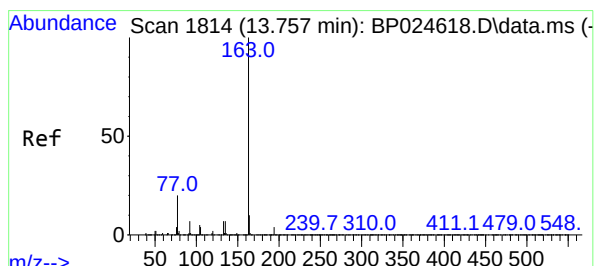
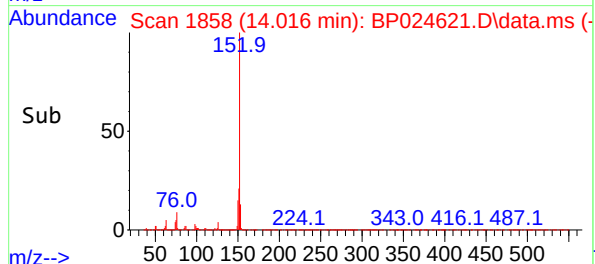
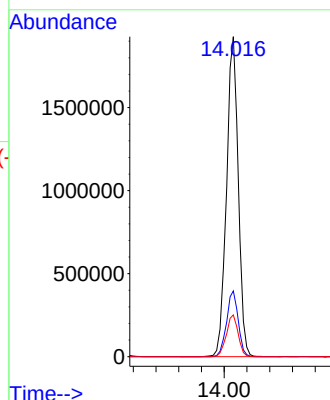
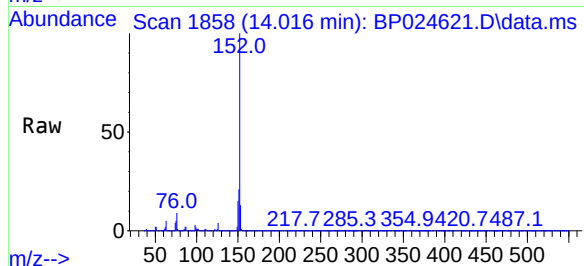
153 13.1 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#50

Dimethylphthalate

Concen: 76.64 ng

RT: 13.763 min Scan# 1815

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

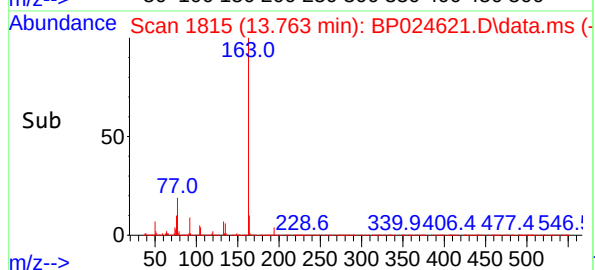
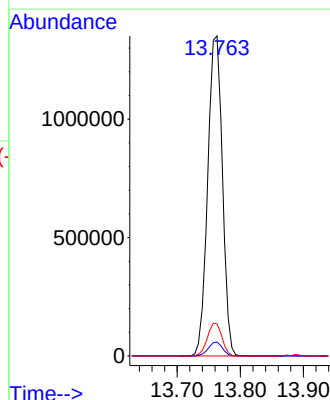
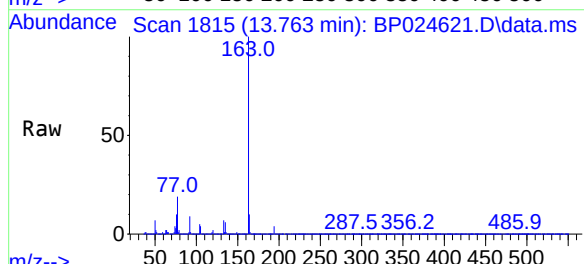
Tgt Ion:163 Resp: 2182359

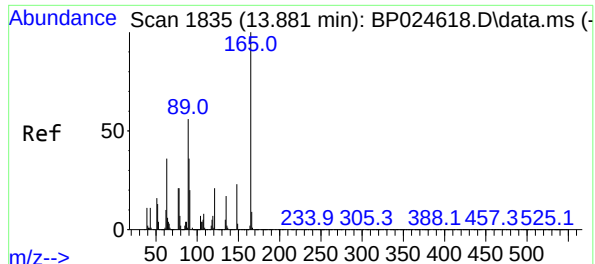
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.0 8.1 12.1





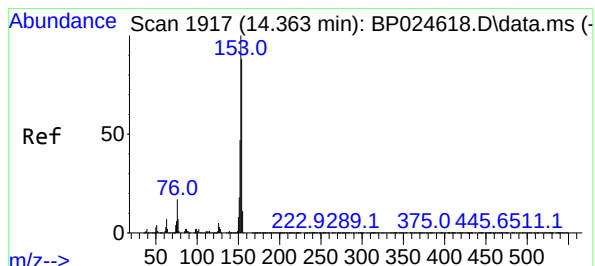
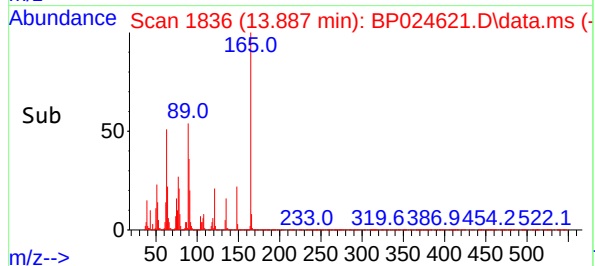
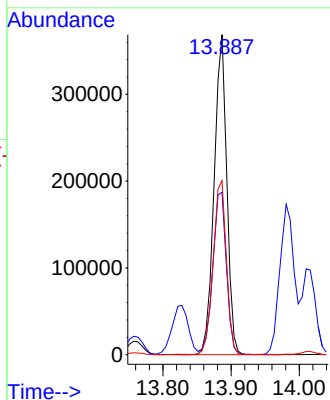
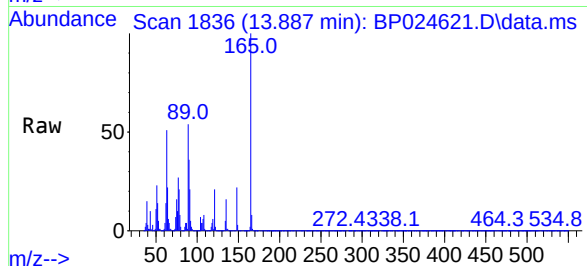
#51
2,6-Dinitrotoluene
Concen: 79.26 ng
RT: 13.887 min Scan# 1835
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 476600
Ion Ratio Lower Upper
165 100
63 50.8 42.4 63.6
89 54.4 44.8 67.2

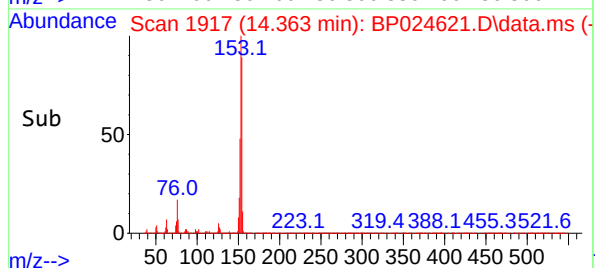
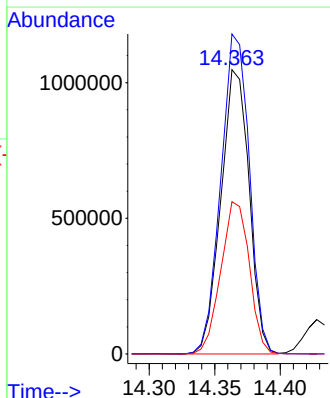
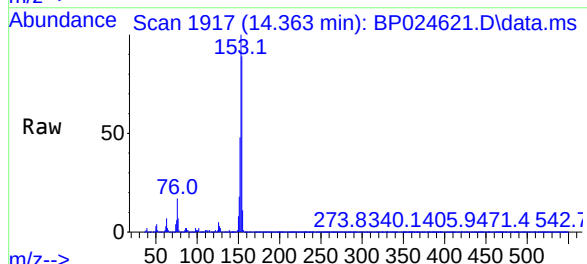
Manual Integrations
APPROVED

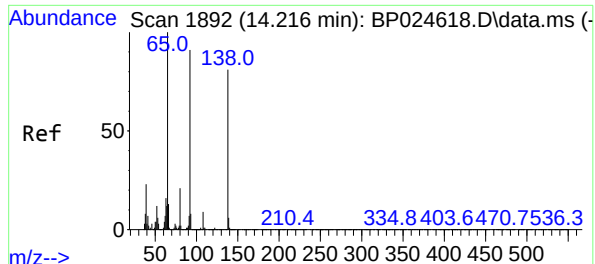
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#52
Acenaphthene
Concen: 77.62 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

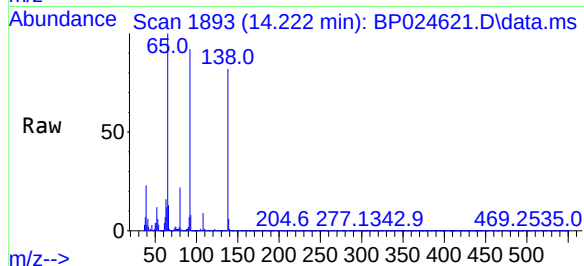
Tgt Ion:154 Resp: 1572103
Ion Ratio Lower Upper
154 100
153 112.6 91.0 136.4
152 53.6 42.9 64.3





#53
3-Nitroaniline
Concen: 85.15 ng
RT: 14.222 min Scan# 1892
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

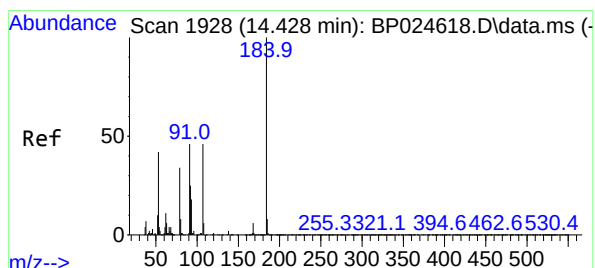
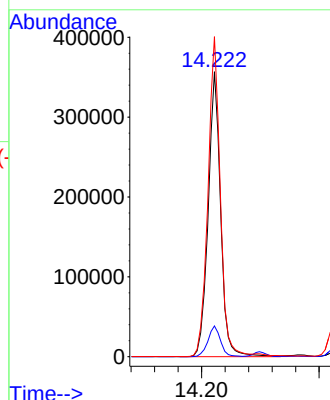
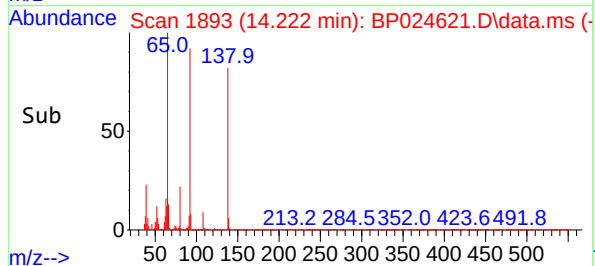
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



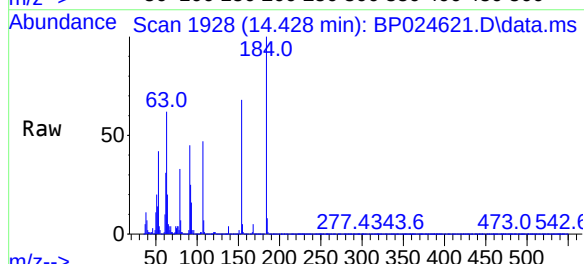
Tgt Ion:138 Resp: 522849
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 112.3 90.1 135.1

Manual Integrations
APPROVED

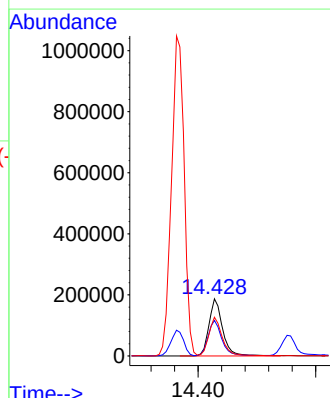
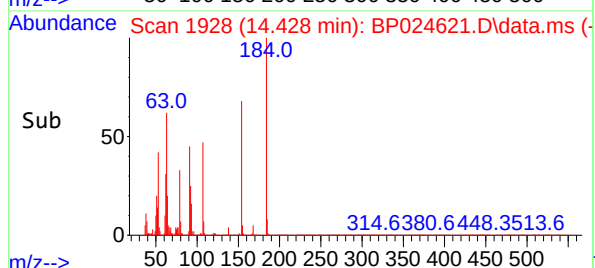
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

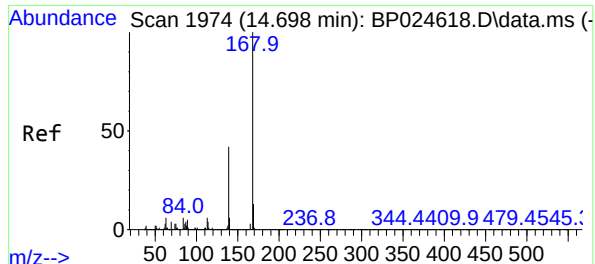


#54
2,4-Dinitrophenol
Concen: 79.29 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26



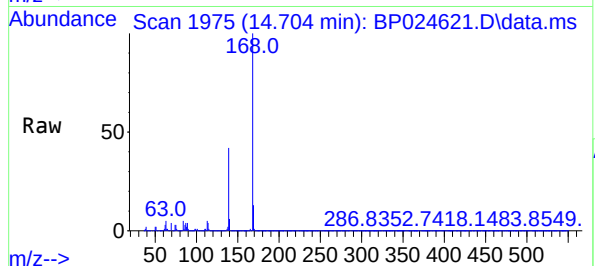
Tgt Ion:184 Resp: 300458
Ion Ratio Lower Upper
184 100
63 62.1 51.3 76.9
154 67.9 53.5 80.3





#55
Dibenzenofuran
Concen: 76.68 ng
RT: 14.704 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

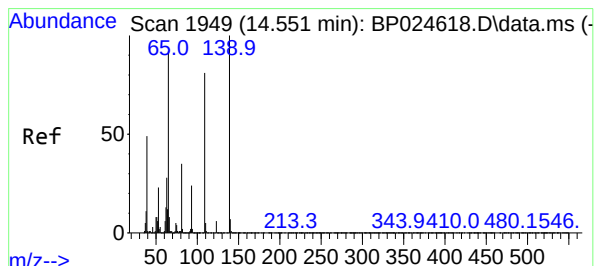
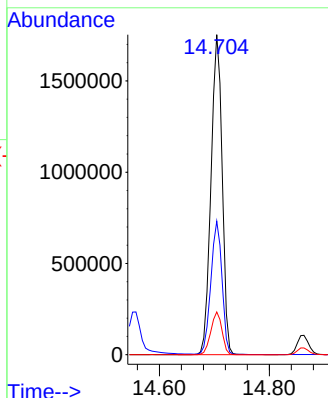
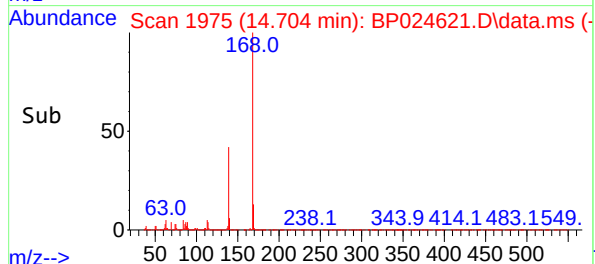
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:168 Resp: 2477374
Ion Ratio Lower Upper
168 100
139 41.7 34.2 51.4
169 13.4 10.8 16.2

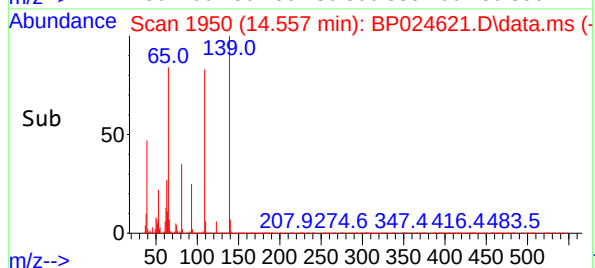
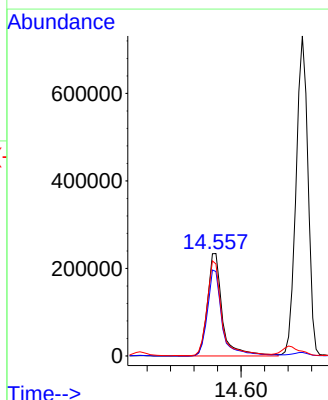
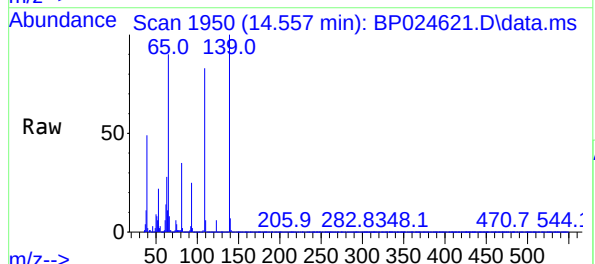
Manual Integrations
APPROVED

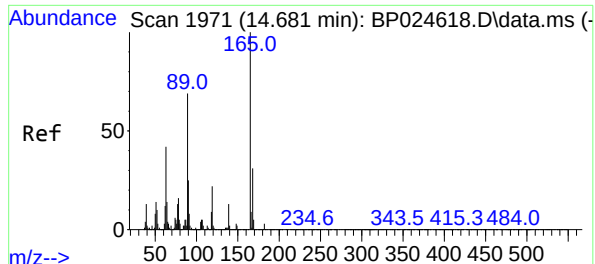
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#56
4-Nitrophenol
Concen: 77.27 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:139 Resp: 409954
Ion Ratio Lower Upper
139 100
109 82.6 61.4 101.4
65 89.8 72.2 112.2





#57
2,4-Dinitrotoluene
Concen: 80.01 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

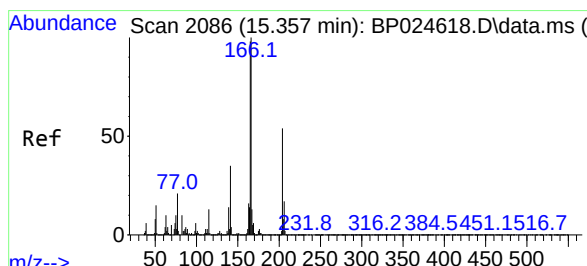
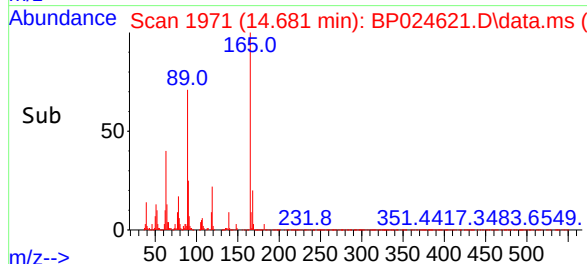
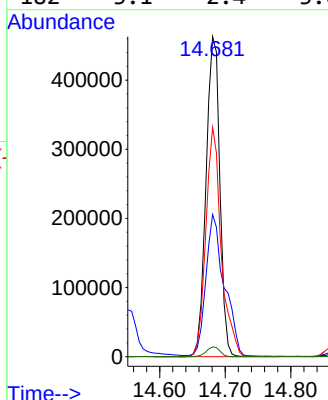
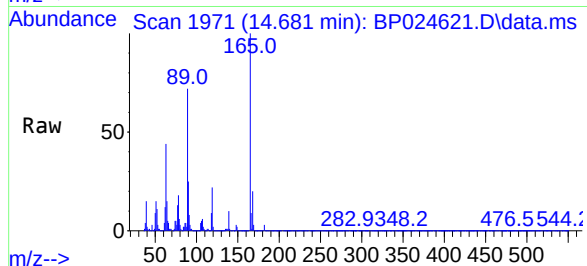
SSTDICC080

Tgt Ion:165 Resp: 67828
Ion Ratio Lower Upper
165 100
63 44.4 33.8 50.6
89 71.6 55.6 83.4
182 3.1 2.4 3.6

Manual Integrations

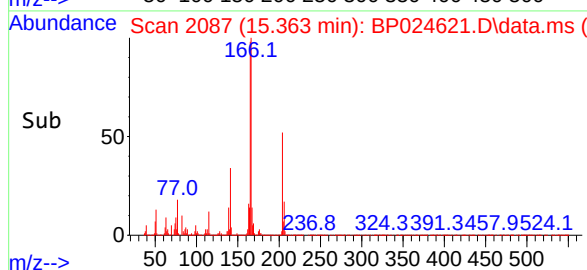
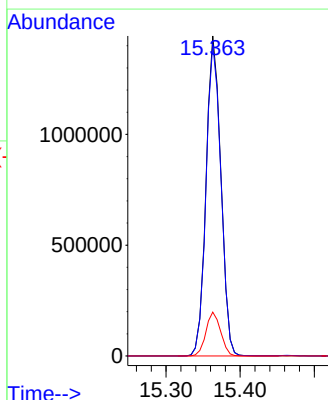
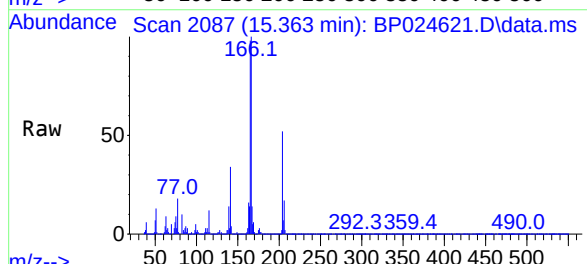
APPROVED

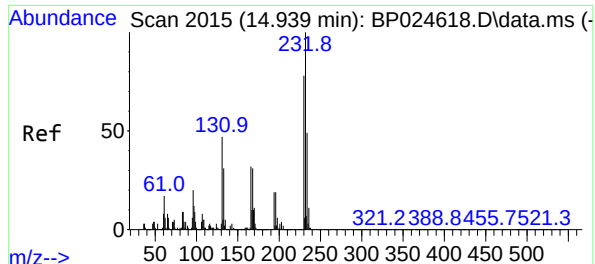
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#58
Fluorene
Concen: 76.06 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

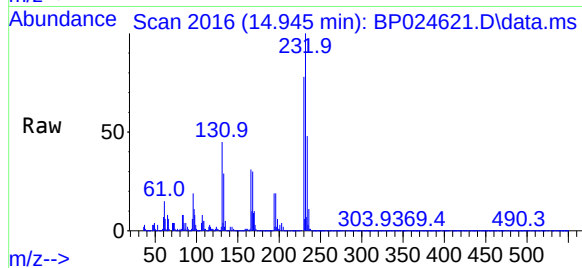
Tgt Ion:166 Resp: 2003709
Ion Ratio Lower Upper
166 100
165 97.6 78.5 117.7
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 81.17 ng
RT: 14.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

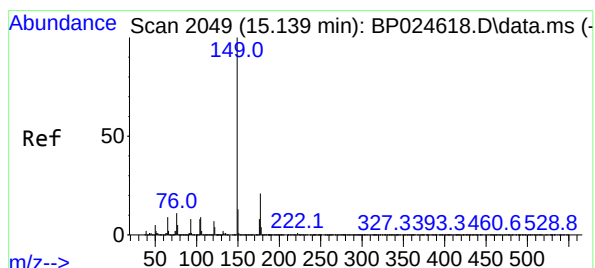
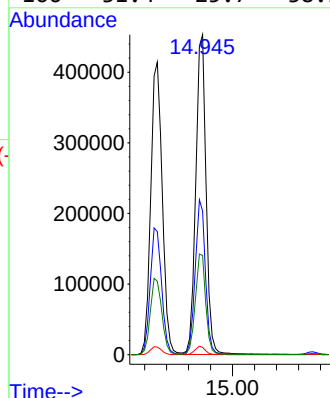
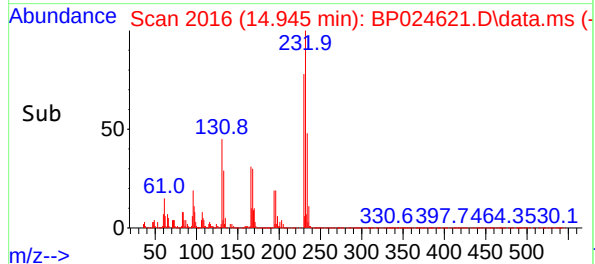
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:232 Resp: 58894
Ion Ratio Lower Upper
232 100
131 48.1 39.5 59.3
130 2.6 2.2 3.4
166 31.4 25.7 38.5

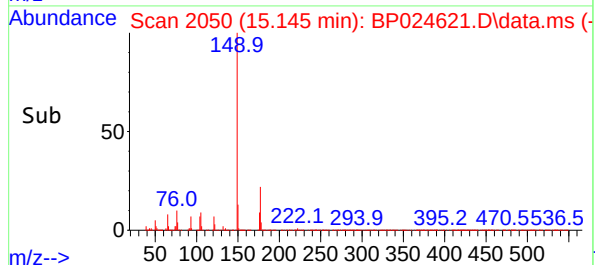
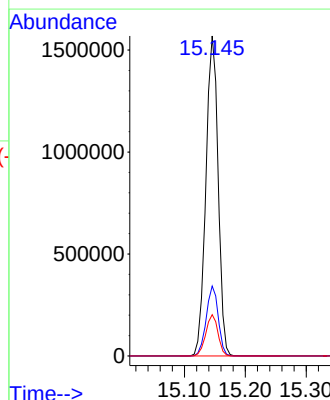
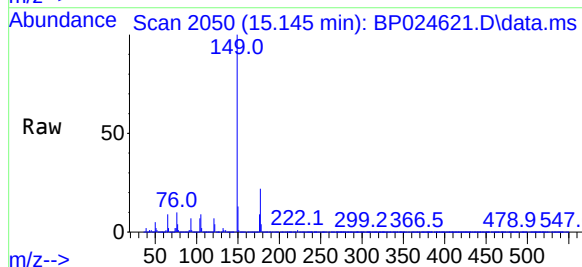
Manual Integrations
APPROVED

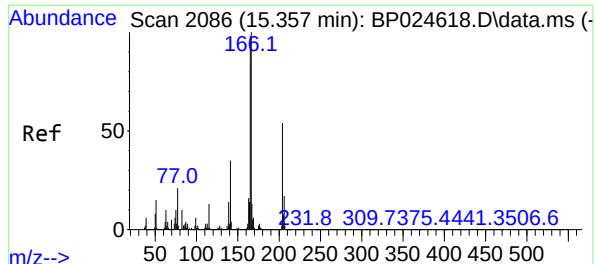
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#60
Diethylphthalate
Concen: 76.22 ng
RT: 15.145 min Scan# 2050
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 2193488
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 75.96 ng
RT: 15.363 min Scan# 2086
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :

BNA_P

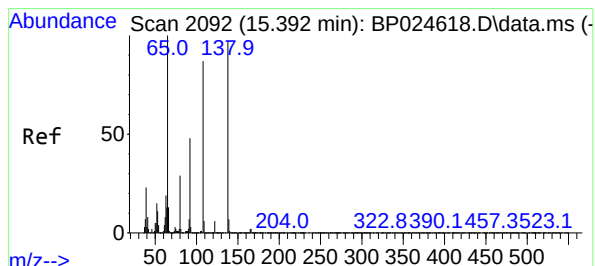
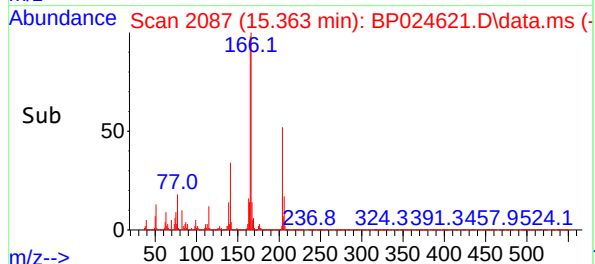
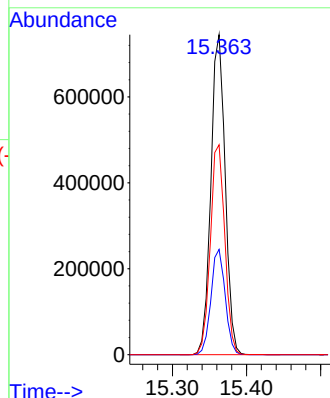
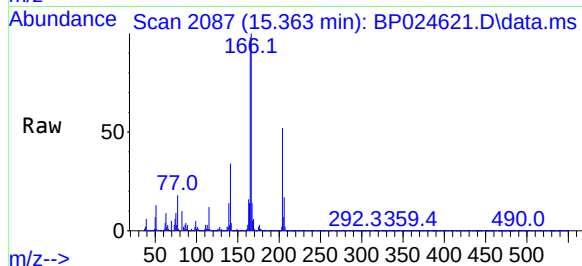
ClientSampleId :

SSTDICC080

Tgt Ion:204 Resp: 99786
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 65.6 52.9 79.3

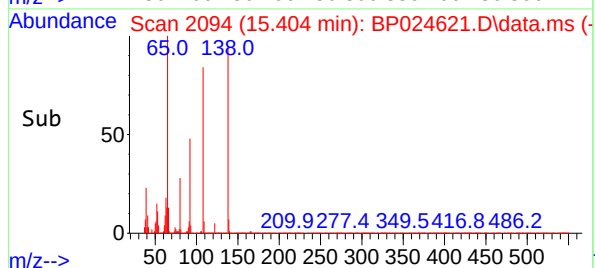
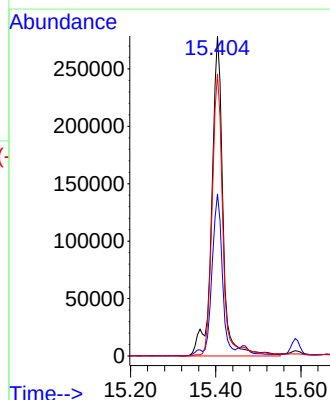
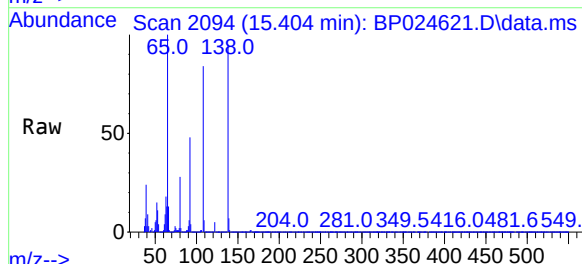
Manual Integrations
APPROVED

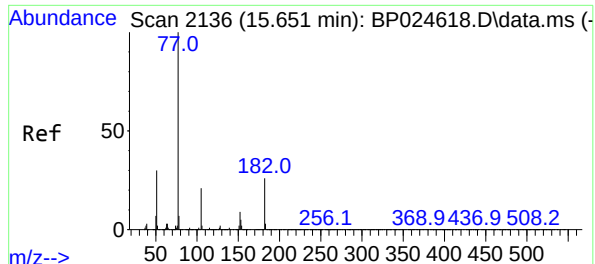
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#62
4-Nitroaniline
Concen: 85.24 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

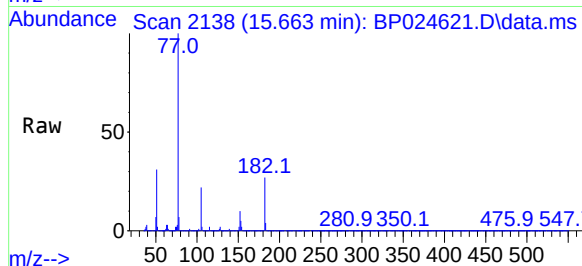
Tgt Ion:138 Resp: 509582
Ion Ratio Lower Upper
138 100
92 50.6 29.2 69.2
108 88.2 69.0 109.0





#63
Azobenzene
Concen: 75.47 ng
RT: 15.663 min Scan# 2136
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

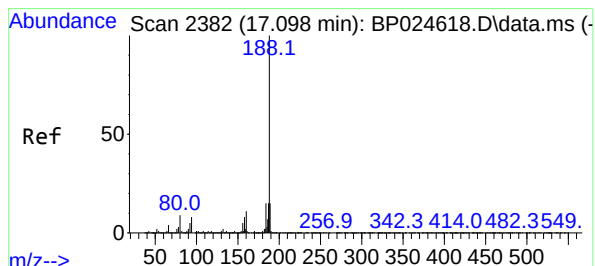
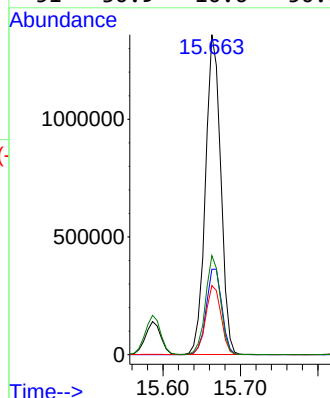
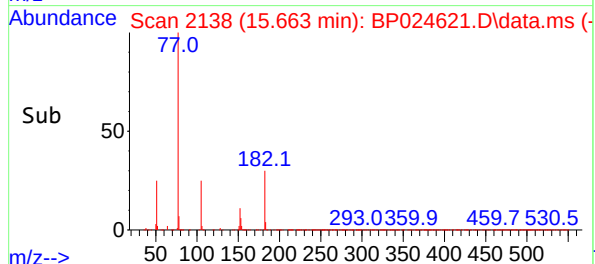
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 185814
Ion Ratio Lower Upper
77 100
182 26.7 5.7 45.7
105 21.6 1.3 41.3
51 30.9 10.6 50.6

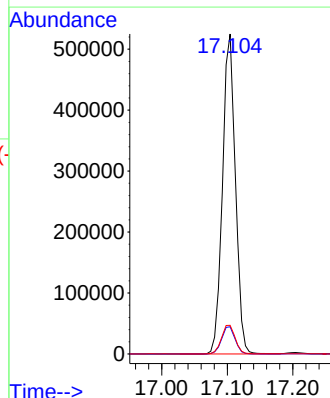
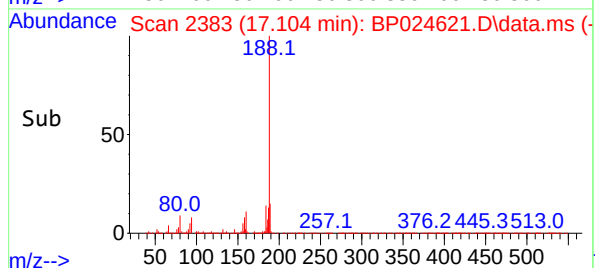
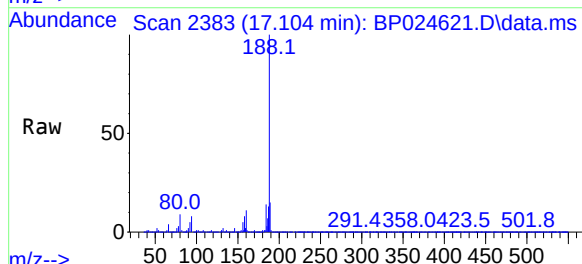
Manual Integrations
APPROVED

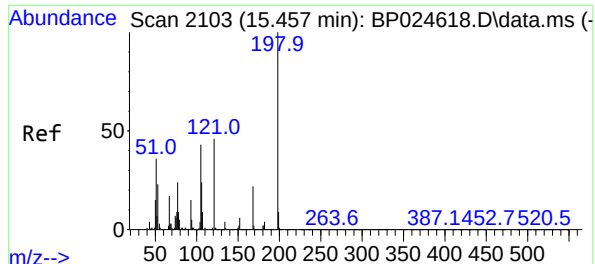
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:188 Resp: 713479
Ion Ratio Lower Upper
188 100
94 8.5 6.5 9.7
80 9.0 7.3 10.9





#65

4,6-Dinitro-2-methylphenol

Concen: 87.01 ng

RT: 15.469 min Scan# 2103

Delta R.T. 0.012 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:198 Resp: 40101

Ion Ratio Lower Upper

198 100

51 39.8 21.1 61.1

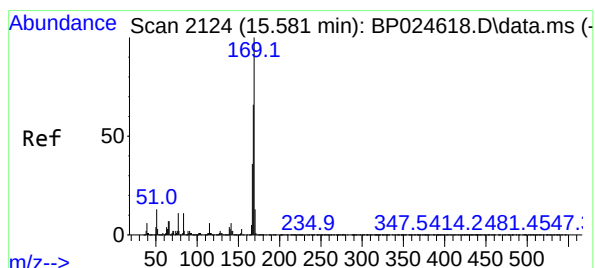
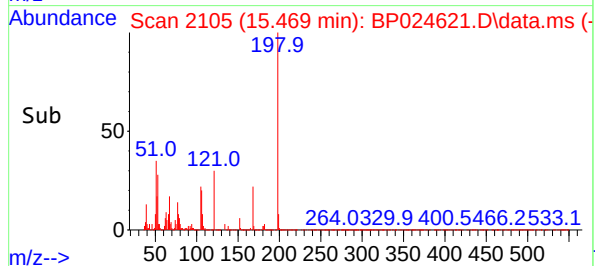
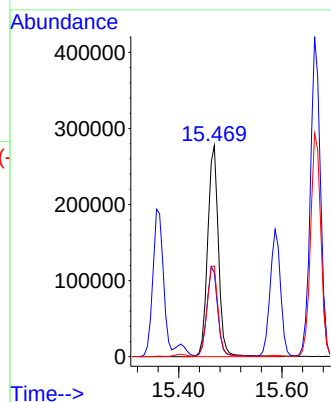
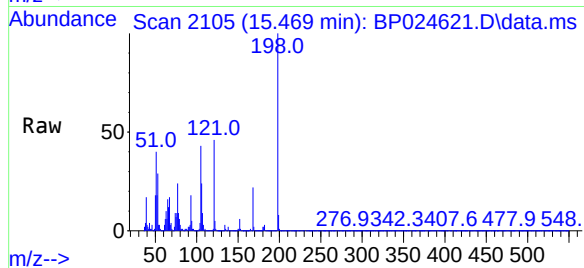
105 42.9 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#66

n-Nitrosodiphenylamine

Concen: 78.10 ng

RT: 15.587 min Scan# 2125

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

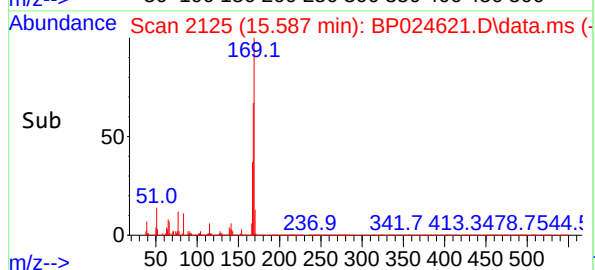
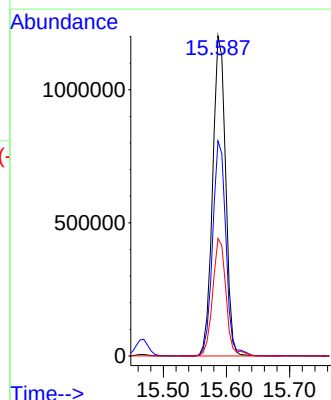
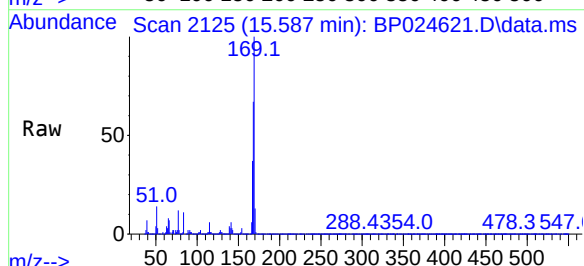
Tgt Ion:169 Resp: 1711679

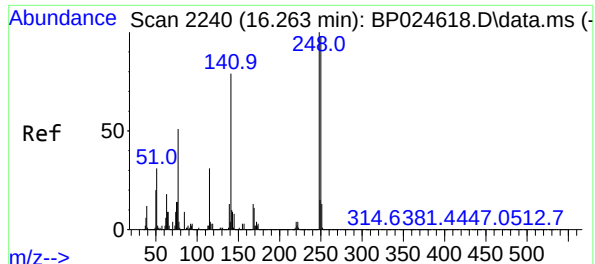
Ion Ratio Lower Upper

169 100

168 67.2 53.2 79.8

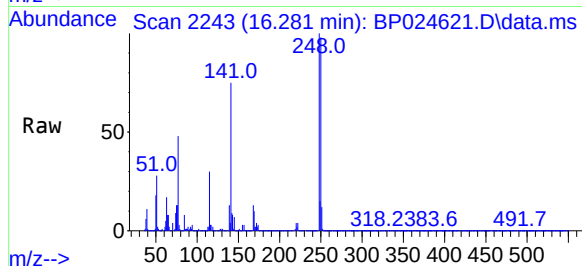
167 36.7 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 81.43 ng
RT: 16.281 min Scan# 2243
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

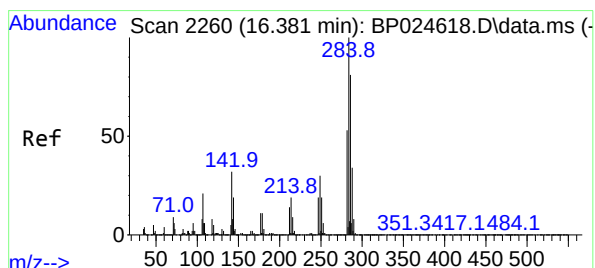
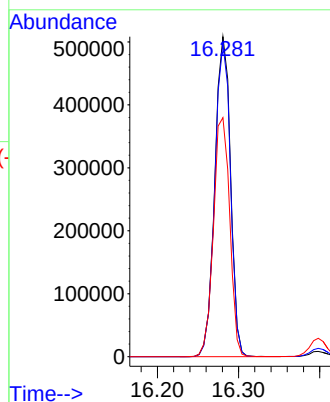
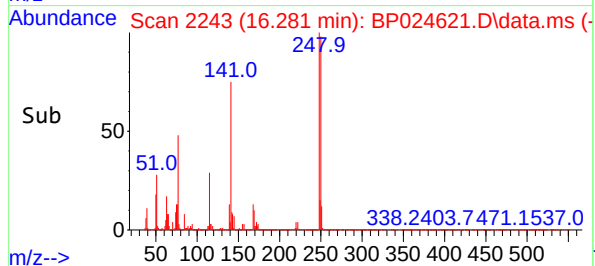
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:248 Resp: 684619
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.4
141 74.7 63.0 94.6

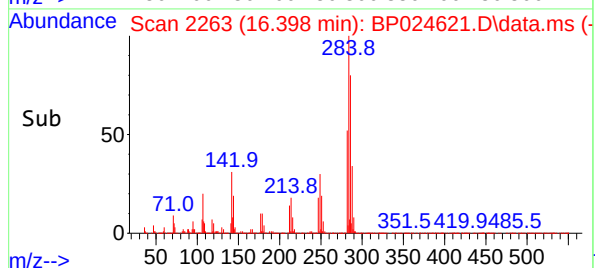
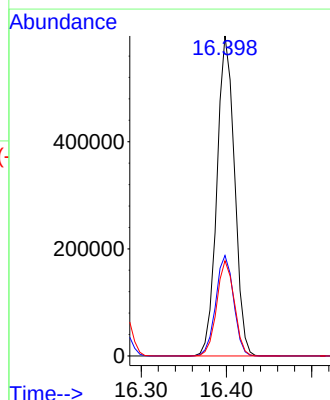
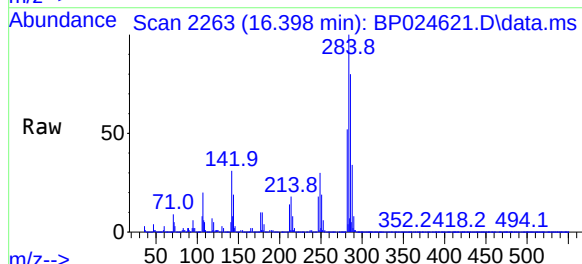
Manual Integrations
APPROVED

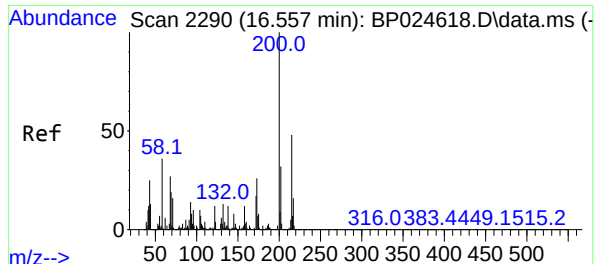
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#68
Hexachlorobenzene
Concen: 80.18 ng
RT: 16.398 min Scan# 2263
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

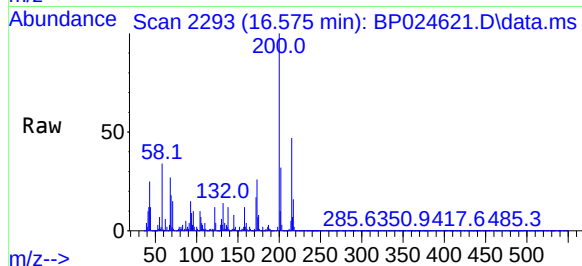
Tgt Ion:284 Resp: 856547
Ion Ratio Lower Upper
284 100
142 31.4 25.9 38.9
249 29.7 24.1 36.1





#69
Atrazine
Concen: 80.42 ng
RT: 16.575 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

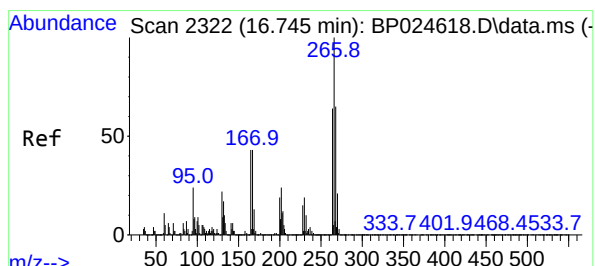
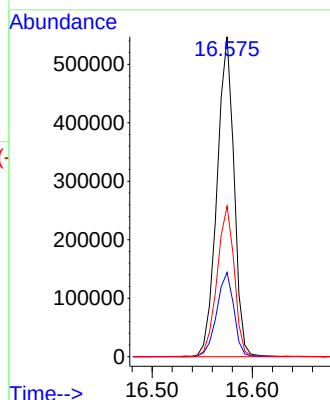
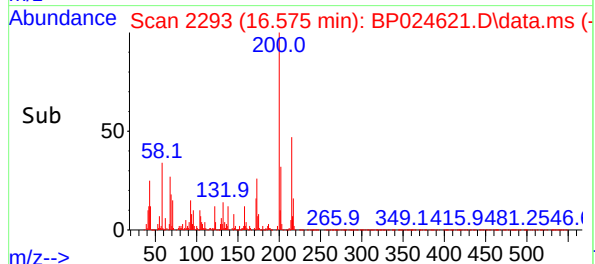
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



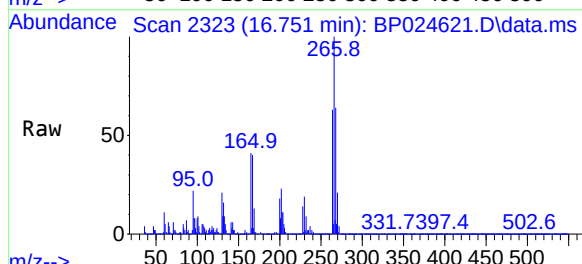
Tgt Ion:200 Resp: 64587
Ion Ratio Lower Upper
200 100
173 26.3 5.9 45.9
215 47.1 28.3 68.3

Manual Integrations
APPROVED

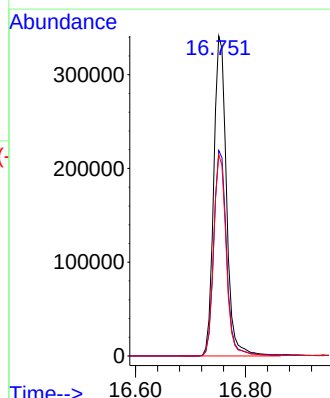
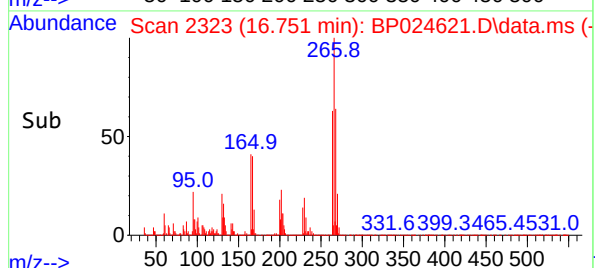
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

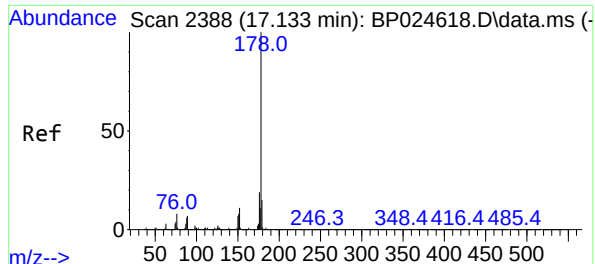


#70
Pentachlorophenol
Concen: 91.41 ng
RT: 16.751 min Scan# 2323
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26



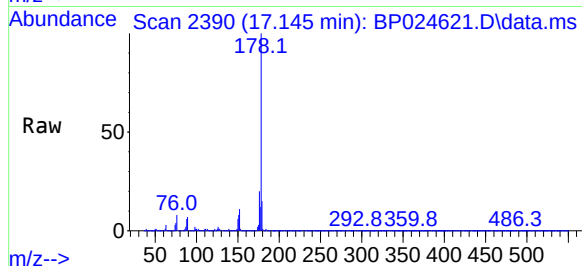
Tgt Ion:266 Resp: 548492
Ion Ratio Lower Upper
266 100
268 64.2 52.2 78.4
264 62.9 51.1 76.7





#71
Phenanthrene
Concen: 77.95 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

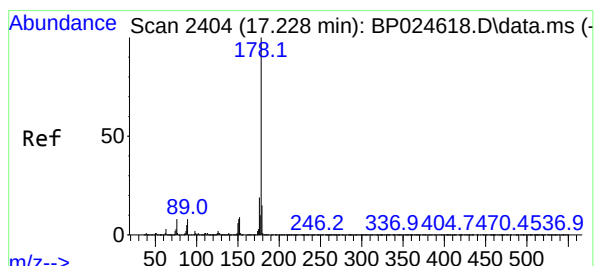
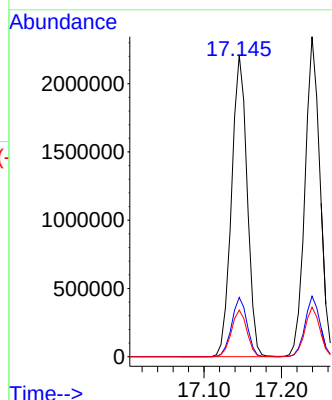
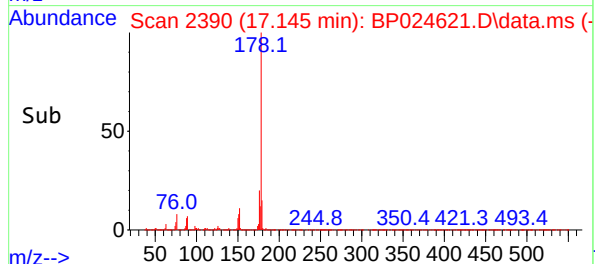
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 3091669
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.4 12.2 18.4

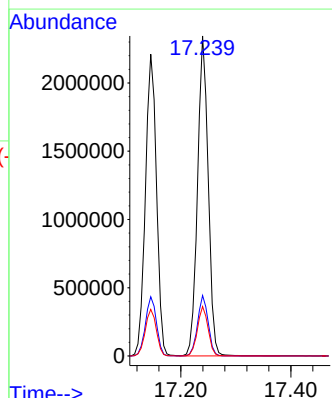
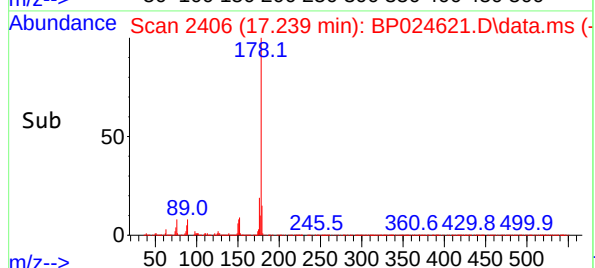
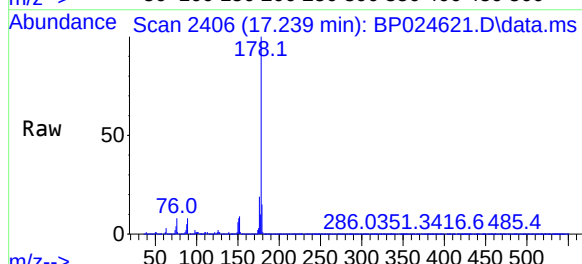
Manual Integrations
APPROVED

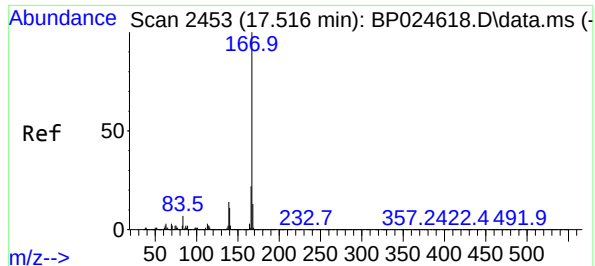
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#72
Anthracene
Concen: 79.23 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

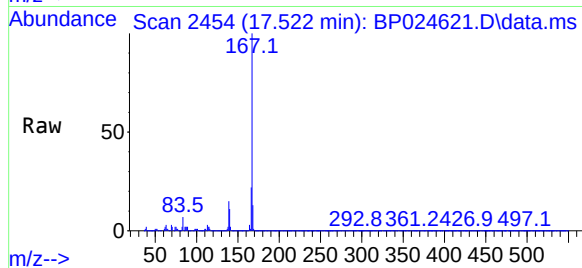
Tgt Ion:178 Resp: 3161669
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.2





#73
Carbazole
Concen: 80.08 ng
RT: 17.522 min Scan# 2454
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

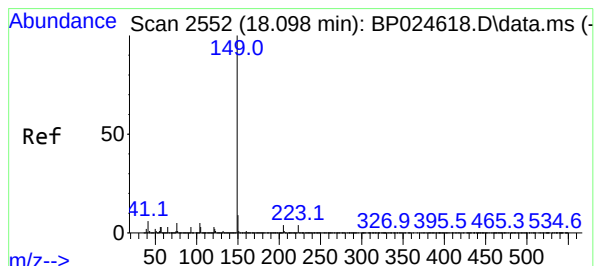
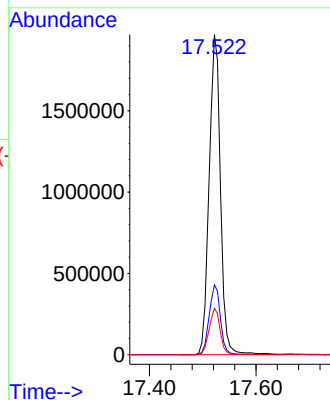
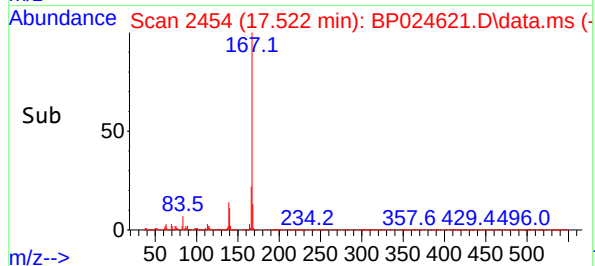
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:167 Resp: 2892230
Ion Ratio Lower Upper
167 100
166 21.8 17.7 26.5
139 14.5 11.3 16.9

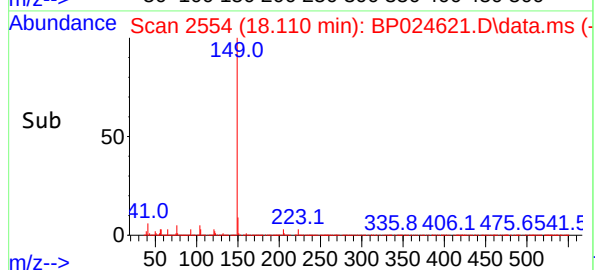
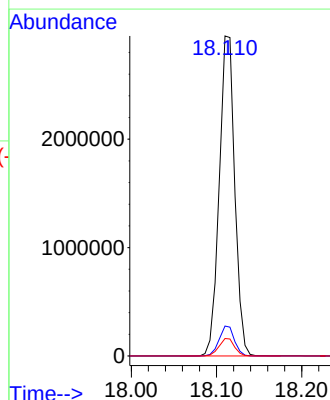
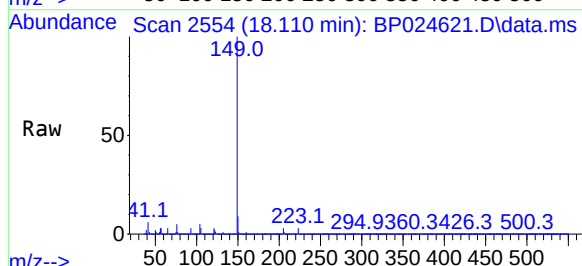
Manual Integrations
APPROVED

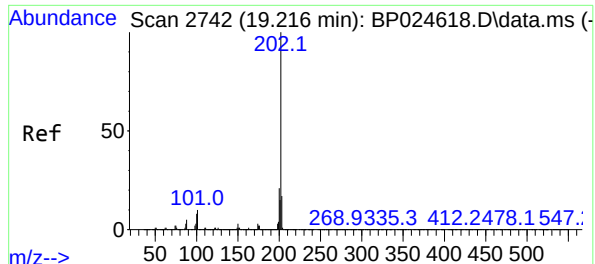
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#74
Di-n-butylphthalate
Concen: 80.68 ng
RT: 18.110 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

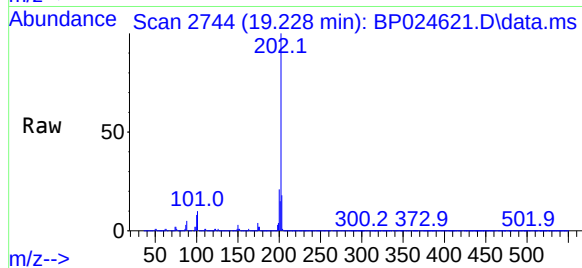
Tgt Ion:149 Resp: 3747927
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 78.27 ng
RT: 19.228 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

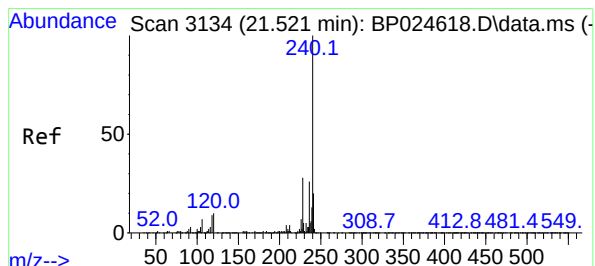
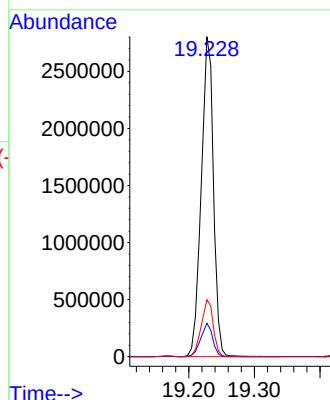
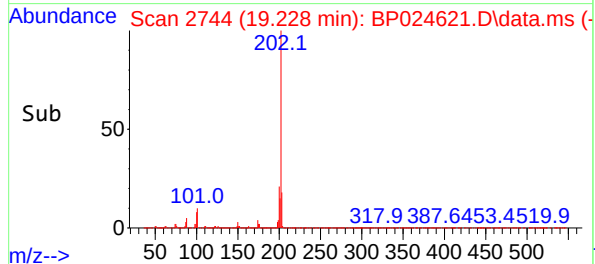
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 202 Resp: 362908
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.3
203 17.8 0.0 37.5

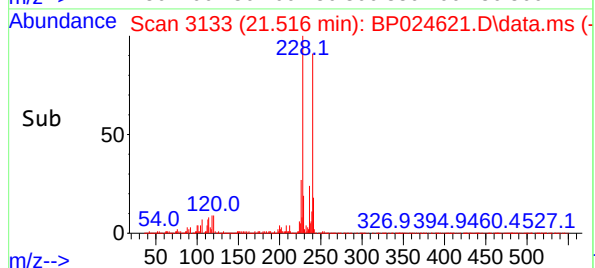
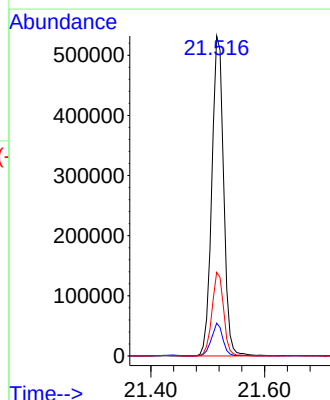
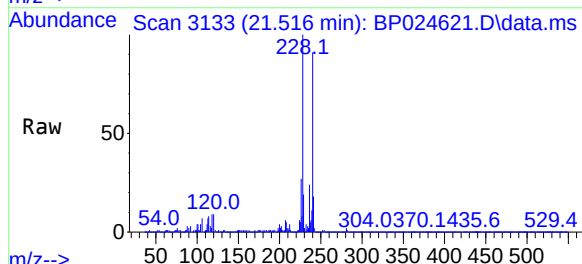
Manual Integrations
APPROVED

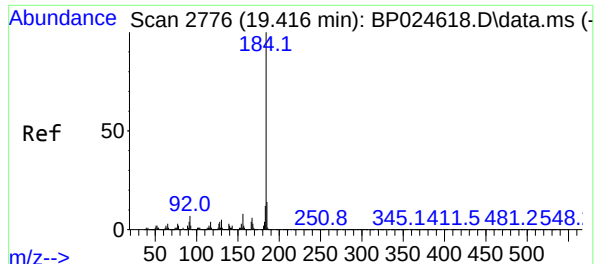
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 240 Resp: 765954
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.6
236 26.2 20.6 31.0





#77
Benzidine
Concen: 79.83 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

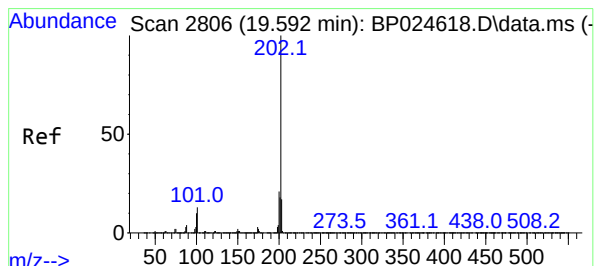
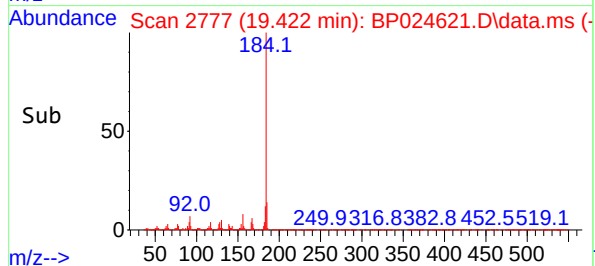
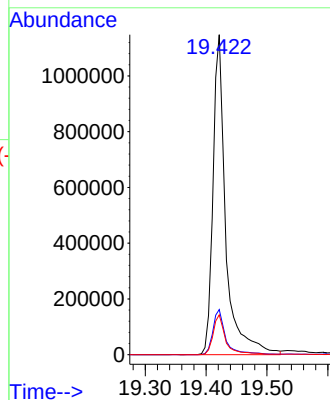
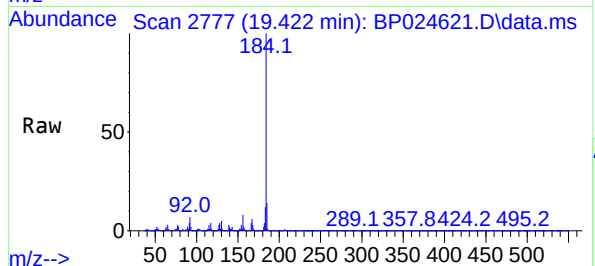
SSTDICC080

Tgt Ion:184 Resp: 167850
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 12.4 9.8 14.8

Manual Integrations

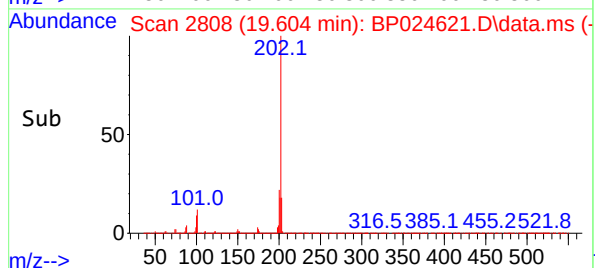
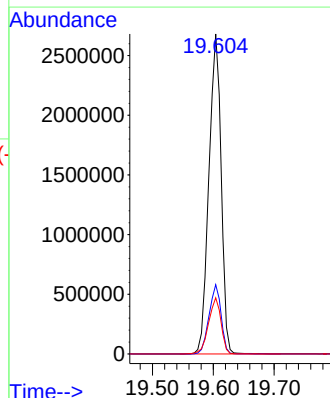
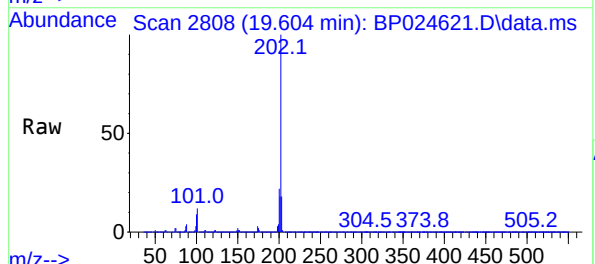
APPROVED

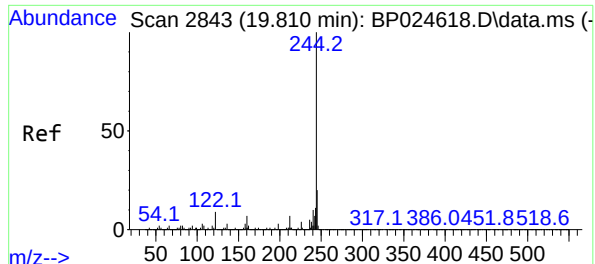
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#78
Pyrene
Concen: 81.65 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

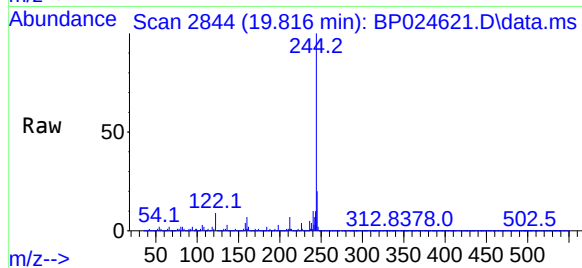
Tgt Ion:202 Resp: 3747276
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 17.6 13.9 20.9





#79
Terphenyl-d14
Concen: 160.11 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

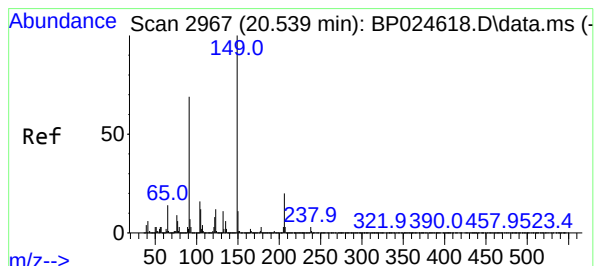
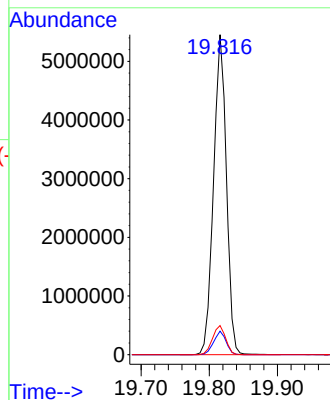
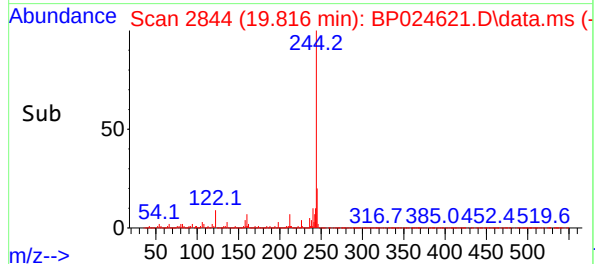
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:244 Resp: 715225
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 9.1 7.4 11.0

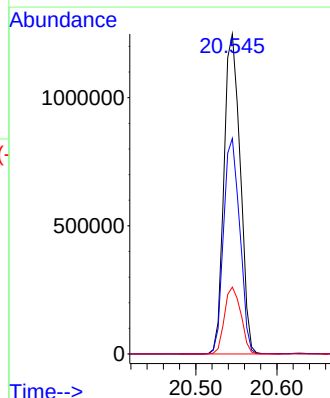
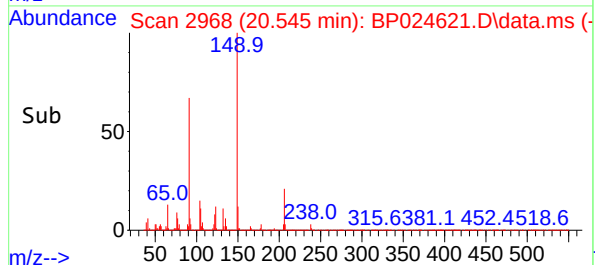
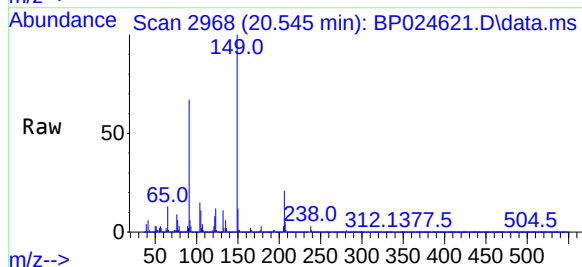
Manual Integrations
APPROVED

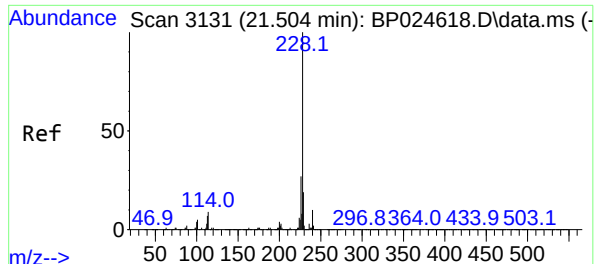
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#80
Butylbenzylphthalate
Concen: 85.34 ng
RT: 20.545 min Scan# 2968
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

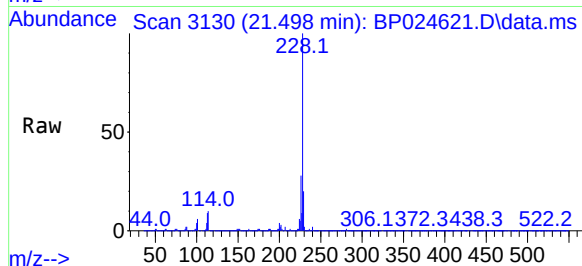
Tgt Ion:149 Resp: 1741954
Ion Ratio Lower Upper
149 100
91 67.3 55.4 83.0
206 20.9 16.2 24.2





#81
Benzo(a)anthracene
Concen: 79.63 ng
RT: 21.498 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

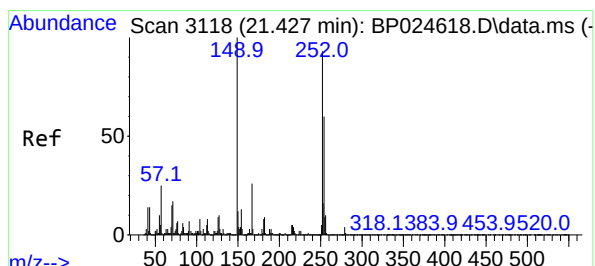
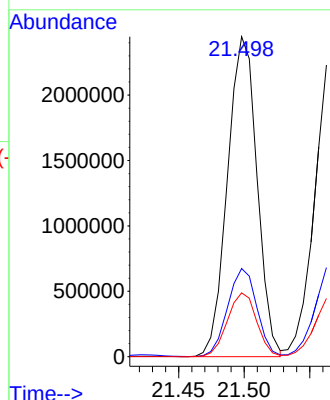
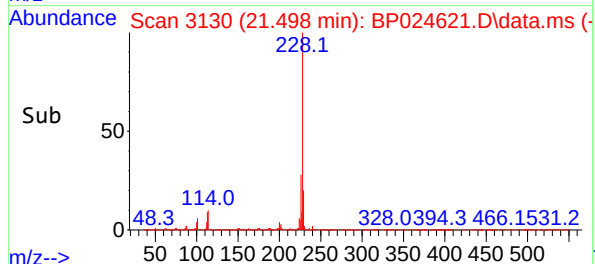
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 382978
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 19.9 15.5 23.3

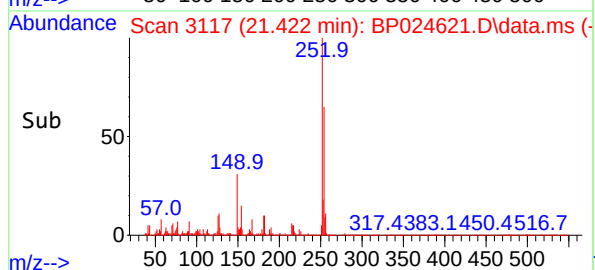
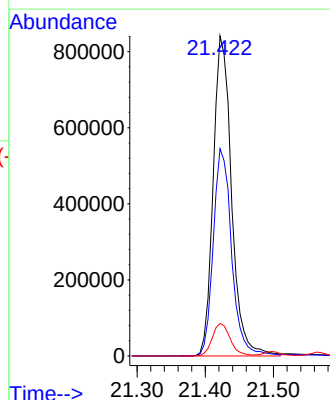
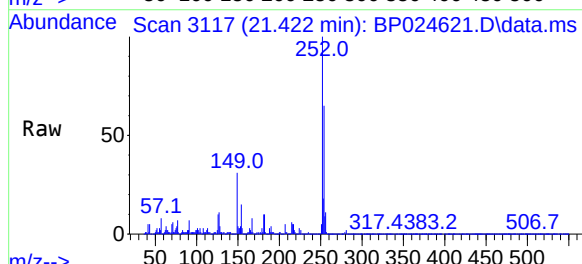
Manual Integrations
APPROVED

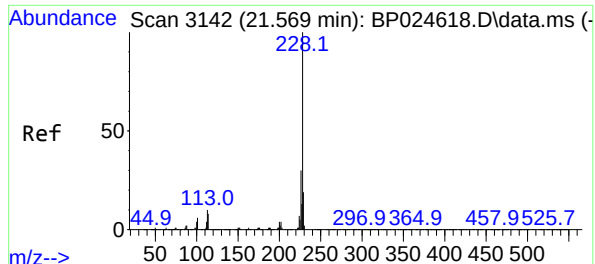
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 88.21 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

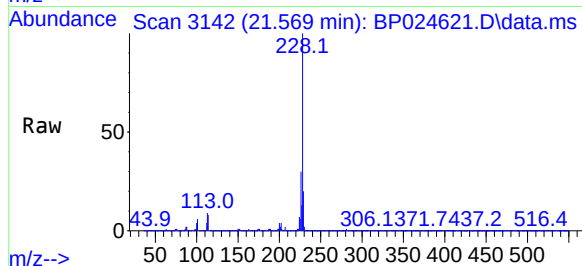
Tgt Ion:252 Resp: 1575691
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 10.2 7.7 11.5





#83
Chrysene
Concen: 79.29 ng
RT: 21.569 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

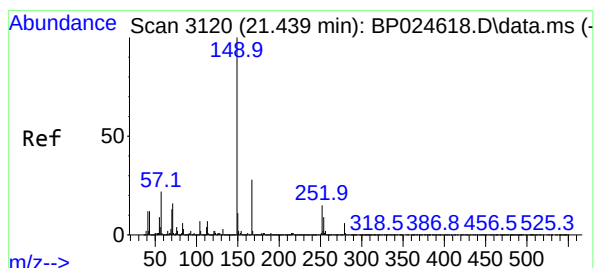
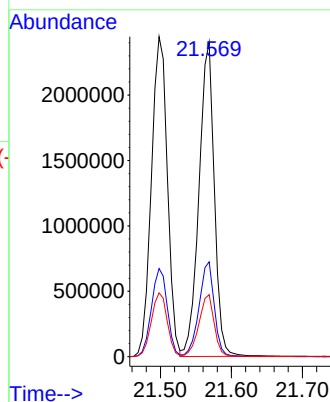
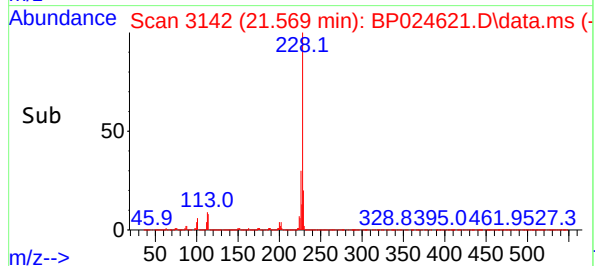
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 3615014
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 19.7 15.5 23.3

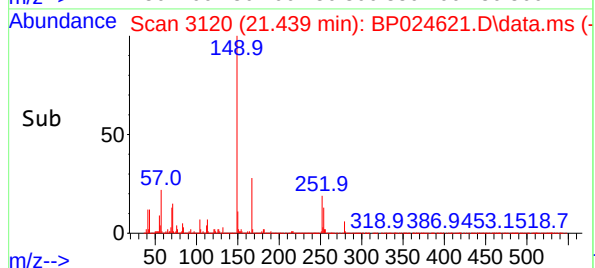
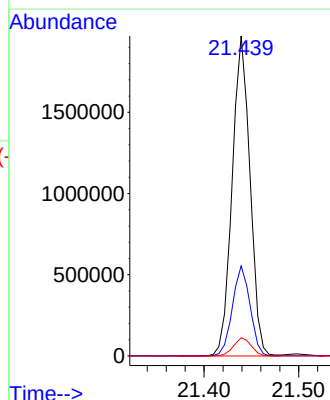
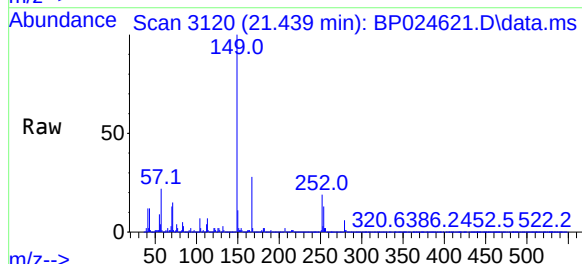
Manual Integrations
APPROVED

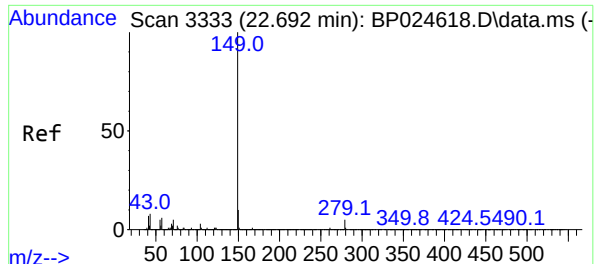
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 85.91 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

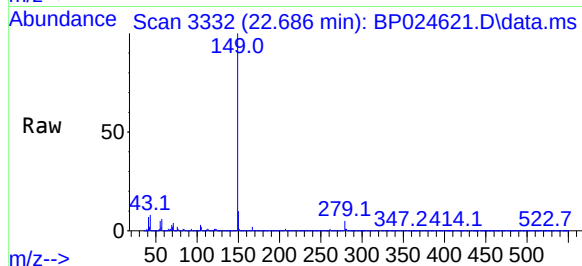
Tgt Ion:149 Resp: 2577445
Ion Ratio Lower Upper
149 100
167 28.2 22.1 33.1
279 5.7 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 88.50 ng
RT: 22.686 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

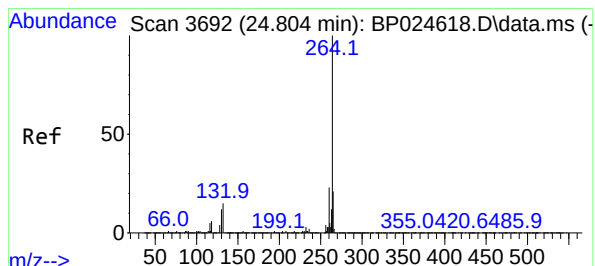
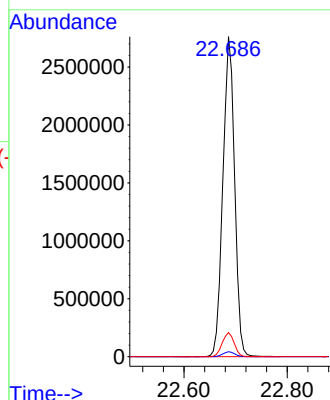
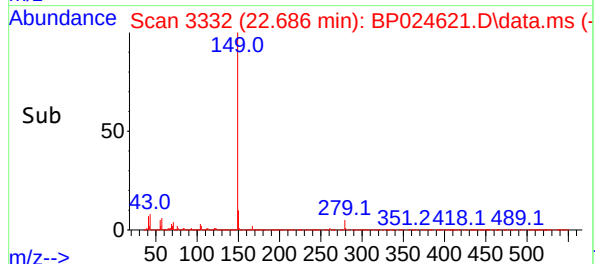
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 434165
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.6 6.3 9.5

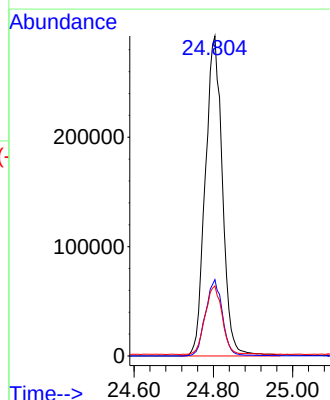
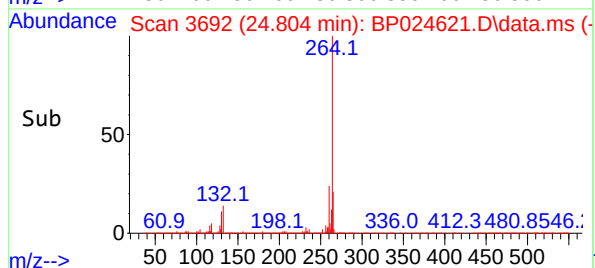
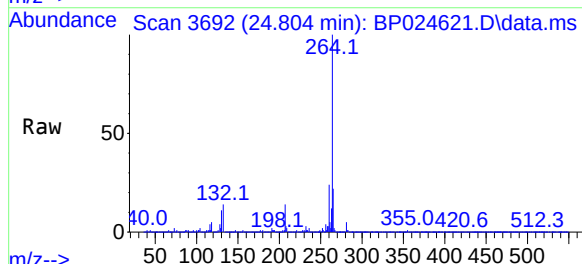
Manual Integrations
APPROVED

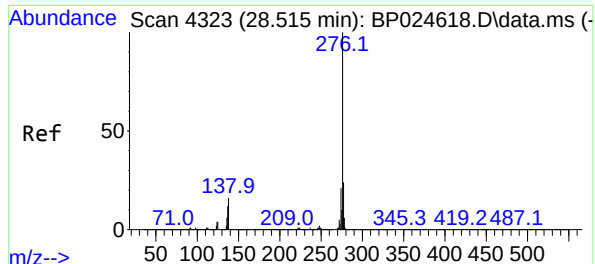
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.804 min Scan# 3692
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

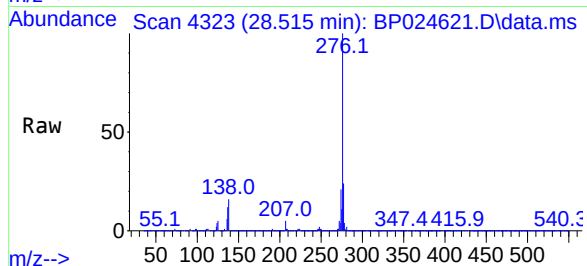
Tgt Ion:264 Resp: 877352
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.9 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 81.85 ng m
RT: 28.515 min Scan# 4323
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

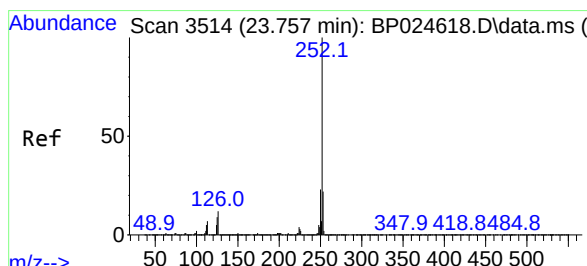
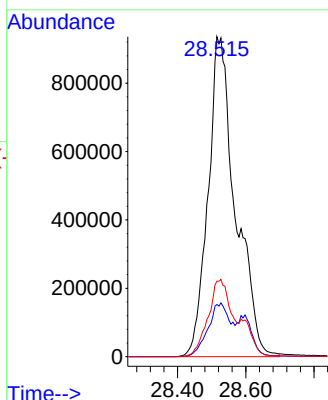
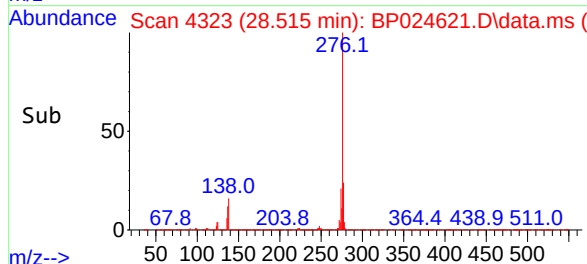
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 276 Resp: 524399
Ion Ratio Lower Upper
276 100
138 13.7 11.2 16.8
277 20.5 15.7 23.5

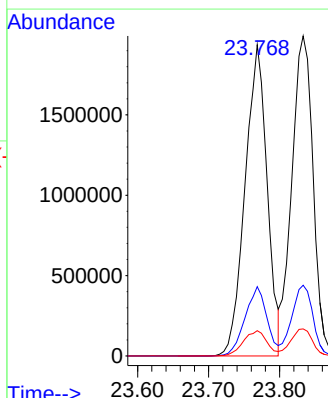
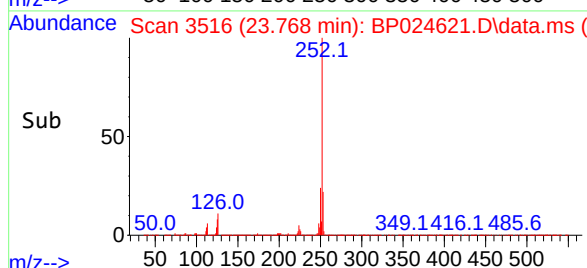
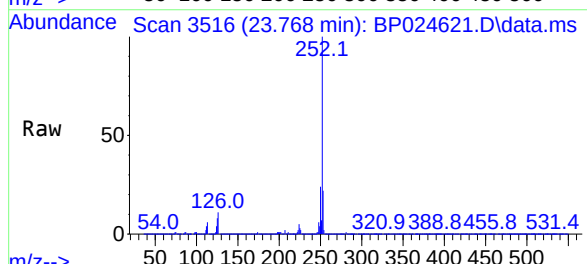
Manual Integrations
APPROVED

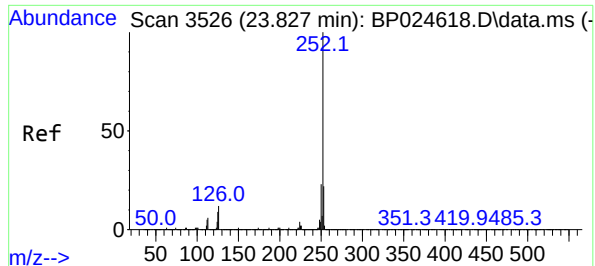
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#88
Benzo(b)fluoranthene
Concen: 83.11 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 252 Resp: 4173798
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 8.2 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 80.40 ng

RT: 23.833 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 416026

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

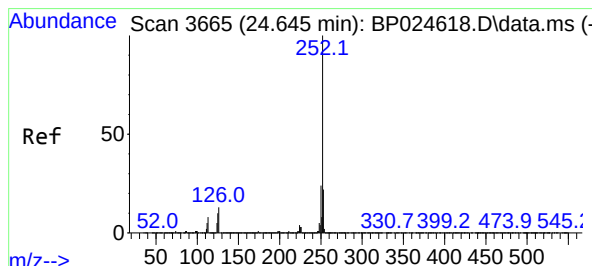
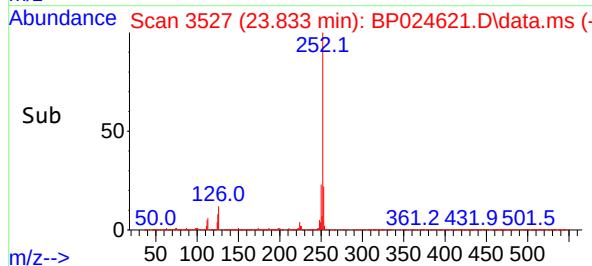
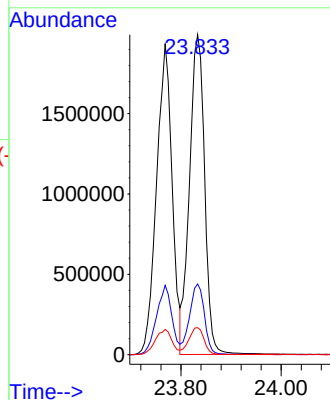
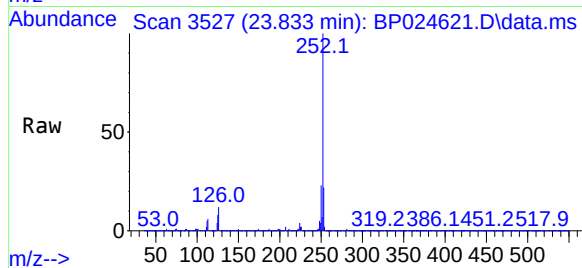
125 8.5 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#90

Benzo(a)pyrene

Concen: 82.69 ng

RT: 24.645 min Scan# 3665

Delta R.T. 0.000 min

Lab File: BP024621.D

Acq: 13 May 2025 15:26

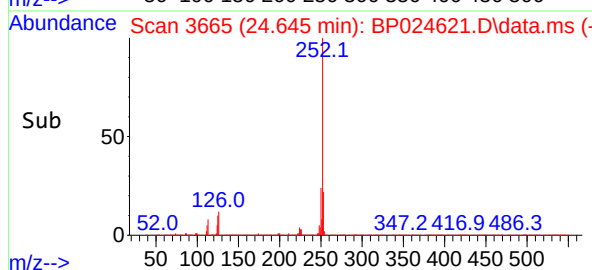
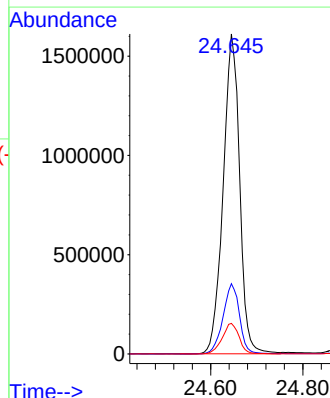
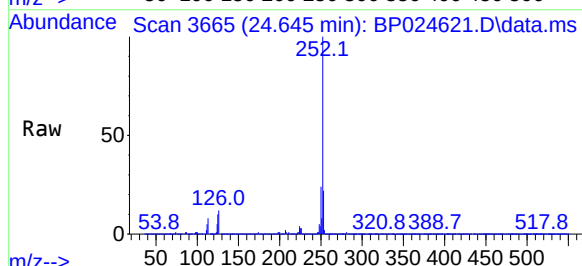
Tgt Ion:252 Resp: 3988360

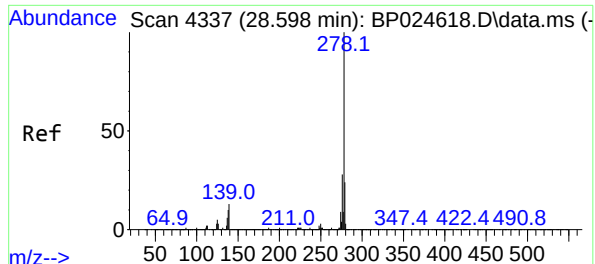
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

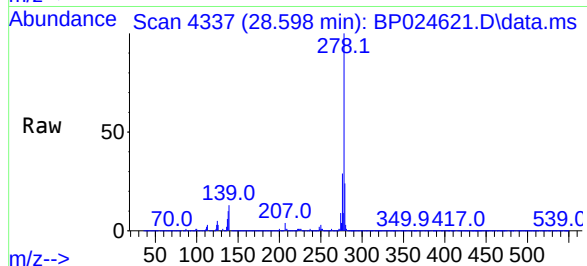
125 9.5 8.1 12.1





#91
Dibenzo(a,h)anthracene
Concen: 83.26 ng
RT: 28.598 min Scan# 4337
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

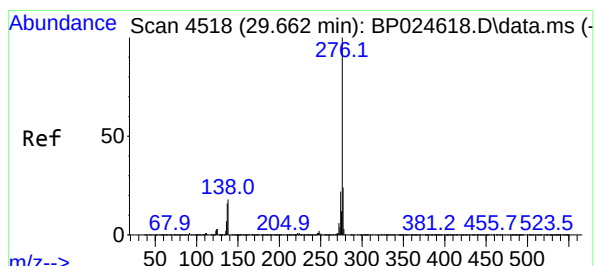
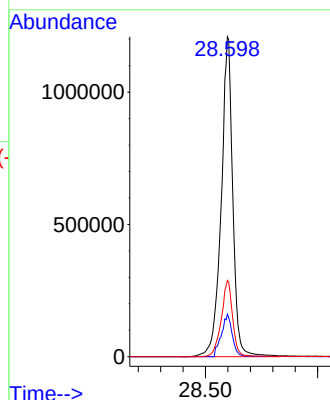
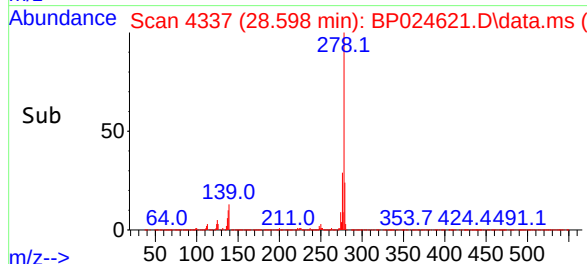
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:278 Resp: 4338518
Ion Ratio Lower Upper
278 100
139 13.3 10.2 15.4
279 23.9 19.0 28.4

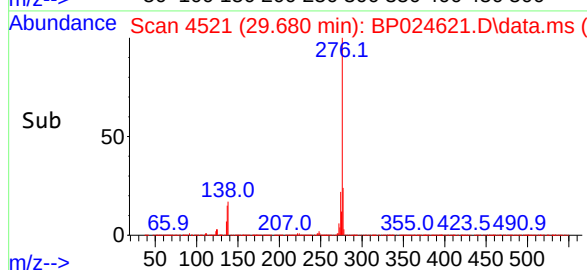
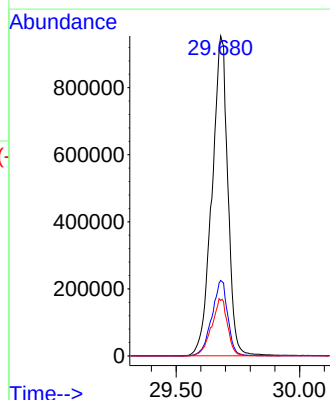
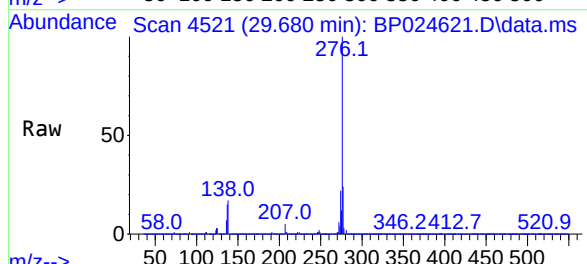
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#92
Benzo(g,h,i)perylene
Concen: 82.08 ng
RT: 29.680 min Scan# 4521
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:276 Resp: 4253459
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 17.3 14.4 21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024622.D
 Acq On : 13 May 2025 17:01
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP051325

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 18:01:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	144423	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	621777	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	391112	20.00	ng	-0.01
64) Phenanthrene-d10	17.092	188	780511	20.00	ng	0.00
76) Chrysene-d12	21.521	240	868822	20.00	ng	0.00
86) Perylene-d12	24.815	264	1015341	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	658249	77.95	ng	0.00
7) Phenol-d6	6.852	99	852330	79.09	ng	0.00
23) Nitrobenzene-d5	8.810	82	962660	78.23	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	520660	78.53	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2290715	76.73	ng	0.00
79) Terphenyl-d14	19.822	244	3889002	76.75	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	145871	36.79	ng	99
3) Pyridine	3.622	79	347515	39.53	ng	97
4) n-Nitrosodimethylamine	3.528	42	147412	37.98	ng	98
6) Aniline	6.999	93	545556	39.21	ng	100
8) 2-Chlorophenol	7.234	128	377358	39.37	ng	97
9) Benzaldehyde	6.816	77	272303	39.03	ng	99
10) Phenol	6.881	94	434788	39.09	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	346744	37.94	ng	99
12) 1,3-Dichlorobenzene	7.552	146	417899	37.89	ng	98
13) 1,4-Dichlorobenzene	7.699	146	420432	37.90	ng	99
14) 1,2-Dichlorobenzene	8.010	146	409587	37.90	ng	99
15) Benzyl Alcohol	7.904	79	332015	40.54	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	416339	38.04	ng	99
17) 2-Methylphenol	8.110	107	316066	39.62	ng	99
18) Hexachloroethane	8.728	117	158167	37.21	ng	99
19) n-Nitroso-di-n-propyla...	8.463	70	291961	39.16	ng	99
20) 3+4-Methylphenols	8.434	107	429326	39.56	ng	99
22) Acetophenone	8.475	105	597464	38.47	ng	99
24) Nitrobenzene	8.851	77	416985	38.50	ng	96
25) Isophorone	9.375	82	821637	38.49	ng	99
26) 2-Nitrophenol	9.557	139	218211	41.12	ng	95
27) 2,4-Dimethylphenol	9.622	122	369418	39.48	ng	100
28) bis(2-Chloroethoxy)met...	9.851	93	493722	38.71	ng	100
29) 2,4-Dichlorophenol	10.093	162	364373	40.19	ng	97
30) 1,2,4-Trichlorobenzene	10.298	180	389362	38.11	ng	98
31) Naphthalene	10.481	128	1226624	38.07	ng	100
32) Benzoic acid	9.781	122	223660	36.46	ng	98
33) 4-Chloroaniline	10.598	127	524873	40.37	ng	99
34) Hexachlorobutadiene	10.763	225	246776	37.29	ng	98
35) Caprolactam	11.387	113	130399	39.75	ng	99
36) 4-Chloro-3-methylphenol	11.740	107	431344	39.01	ng	100
37) 2-Methylnaphthalene	12.098	142	789724	37.85	ng	99
38) 1-Methylnaphthalene	12.316	142	833521	37.34	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	444420	39.13	ng	100
41) Hexachlorocyclopentadiene	12.445	237	305575	44.37	ng	98
43) 2,4,6-Trichlorophenol	12.716	196	305651	41.55	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024622.D
 Acq On : 13 May 2025 17:01
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP051325

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/14/2025
 Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 18:01:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	336252	41.06	ng	97
46) 1,1'-Biphenyl	13.116	154	1124669	38.91	ng	99
47) 2-Chloronaphthalene	13.157	162	864853	39.24	ng	98
48) 2-Nitroaniline	13.369	65	264965	40.60	ng	97
49) Acenaphthylene	14.010	152	1419821	38.49	ng	100
50) Dimethylphthalate	13.751	163	1155211	38.75	ng	99
51) 2,6-Dinitrotoluene	13.875	165	247537	39.32	ng	99
52) Acenaphthene	14.357	154	803755	37.90	ng	99
53) 3-Nitroaniline	14.210	138	262737	40.87	ng	100
54) 2,4-Dinitrophenol	14.428	184	135624	37.83	ng	96
55) Dibenzofuran	14.698	168	1282228	37.91	ng	99
56) 4-Nitrophenol	14.545	139	202528	38.70	ng	97
57) 2,4-Dinitrotoluene	14.675	165	354817	39.97	ng	99
58) Fluorene	15.357	166	1059642	38.42	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	298327	39.27	ng	99
60) Diethylphthalate	15.134	149	1150091	38.17	ng	100
61) 4-Chlorophenyl-phenyle...	15.357	204	526066	38.25	ng	99
62) 4-Nitroaniline	15.398	138	265185	42.72	ng	98
63) Azobenzene	15.657	77	1000653	38.82	ng	98
65) 4,6-Dinitro-2-methylph...	15.451	198	203200	40.30	ng	98
66) n-Nitrosodiphenylamine	15.575	169	920187	38.38	ng	100
67) 4-Bromophenyl-phenylether	16.269	248	357846	38.91	ng	97
68) Hexachlorobenzene	16.386	284	446142	38.18	ng	99
69) Atrazine	16.551	200	347661	39.57	ng	99
70) Pentachlorophenol	16.739	266	269781	41.12	ng	99
71) Phenanthrene	17.133	178	1629118	37.55	ng	99
72) Anthracene	17.228	178	1669395	38.24	ng	100
73) Carbazole	17.510	167	1563685	39.57	ng	99
74) Di-n-butylphthalate	18.098	149	1978741	38.94	ng	100
75) Fluoranthene	19.222	202	1956043	38.57	ng	100
77) Benzidine	19.422	184	1023514	43.25	ng	99
78) Pyrene	19.604	202	1992845	38.28	ng	100
80) Butylbenzylphthalate	20.557	149	938210	40.52	ng	96
81) Benzo(a)anthracene	21.510	228	2121561	38.89	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	861323	42.51	ng	100
83) Chrysene	21.574	228	1976940	38.23	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	1375919	40.43	ng	100
85) Di-n-octyl phthalate	22.698	149	2321673	41.72	ng	100
87) Indeno(1,2,3-cd)pyrene	28.515	276	2879864m	38.85	ng	
88) Benzo(b)fluoranthene	23.768	252	2283322	39.29	ng	100
89) Benzo(k)fluoranthene	23.833	252	2289000	38.22	ng	100
90) Benzo(a)pyrene	24.668	252	2177020	39.00	ng	99
91) Dibenzo(a,h)anthracene	28.615	278	2374558	39.38	ng	100
92) Benzo(g,h,i)perylene	29.686	276	2333151	38.91	ng	100

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

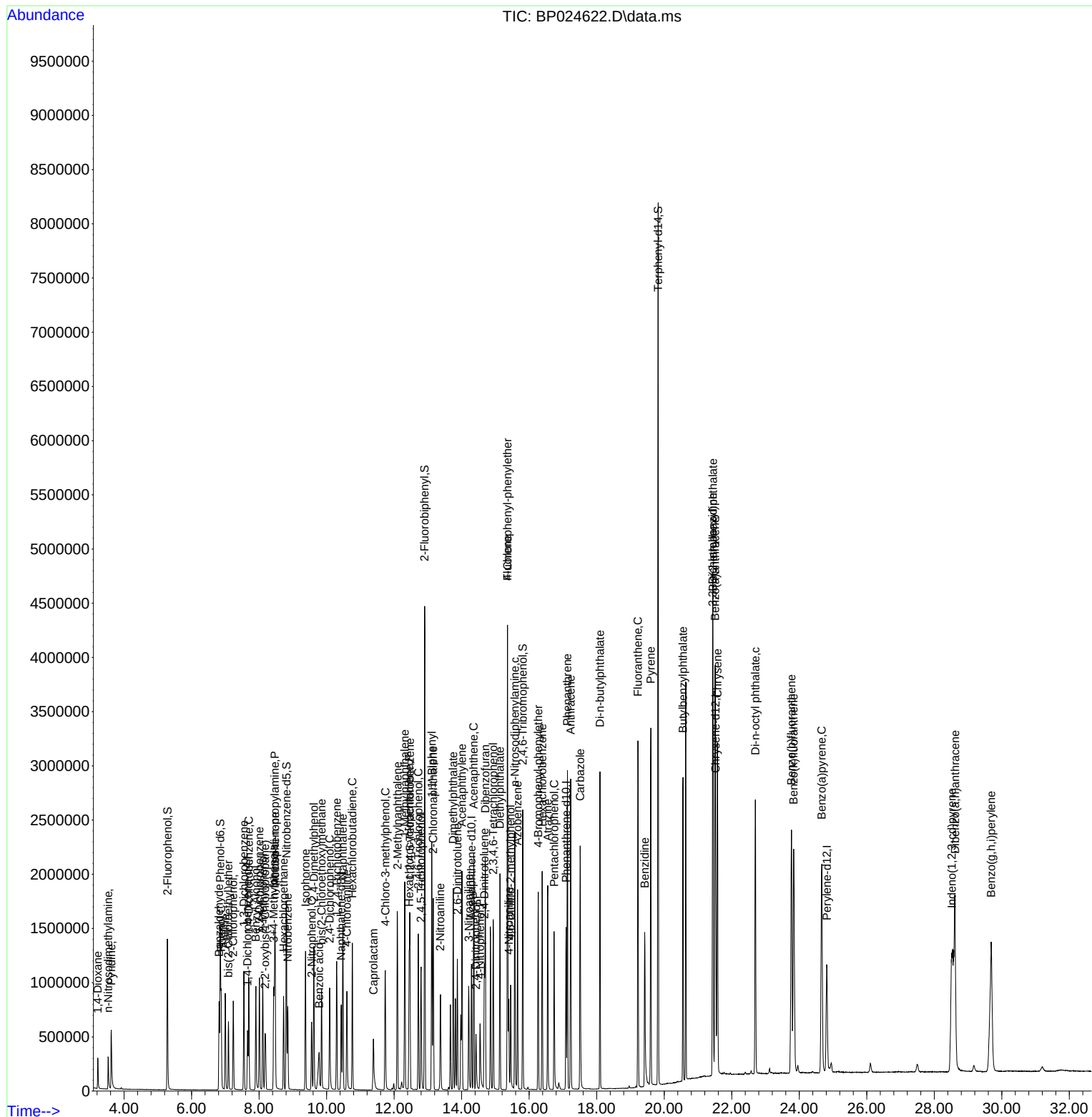
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

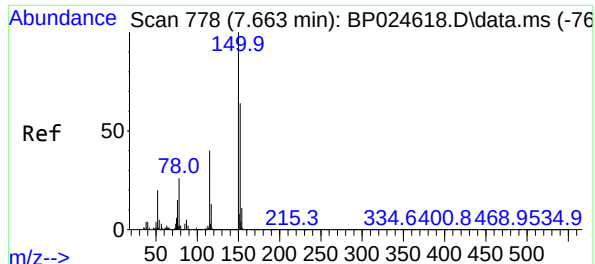
Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

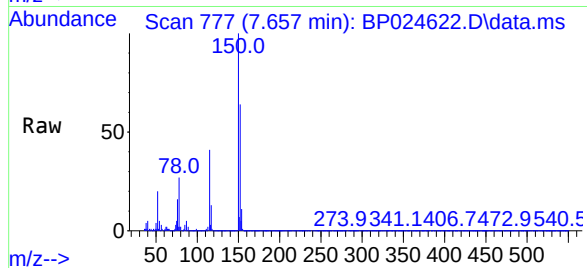
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

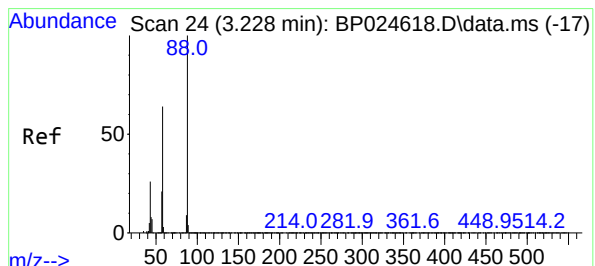
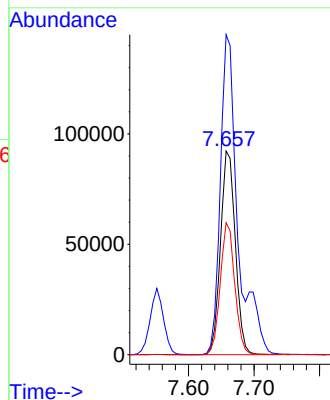
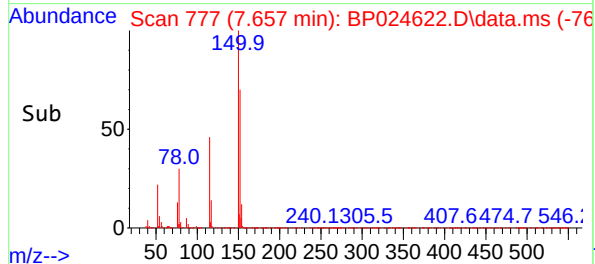
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion: 152 Resp: 14442
Ion Ratio Lower Upper
152 100
150 157.1 125.9 188.9
115 64.8 50.1 75.1

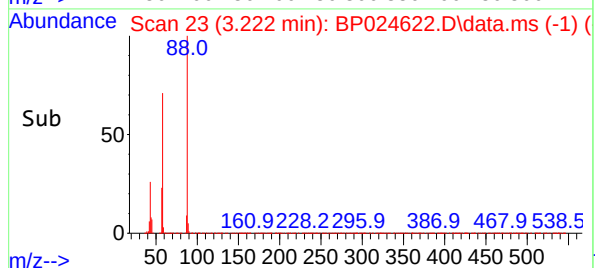
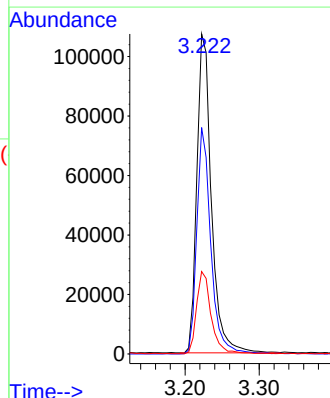
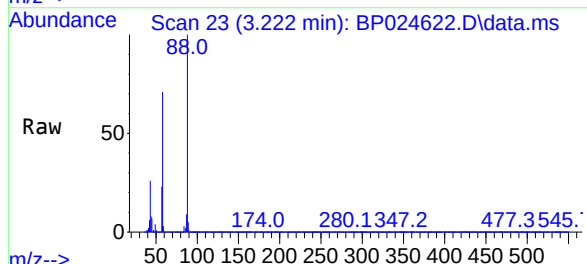
Manual Integrations
APPROVED

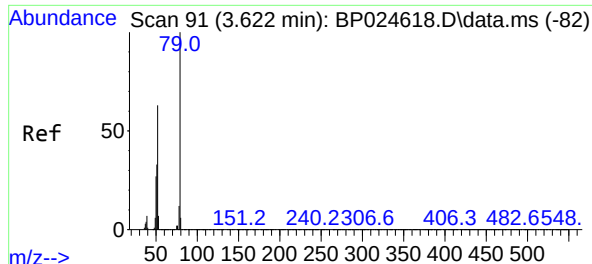
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#2
1,4-Dioxane
Concen: 36.79 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

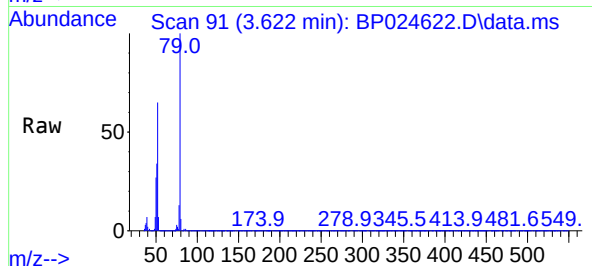
Tgt Ion: 88 Resp: 145871
Ion Ratio Lower Upper
88 100
58 68.6 54.0 81.0
43 25.9 21.4 32.0





#3
Pyridine
Concen: 39.53 ng
RT: 3.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

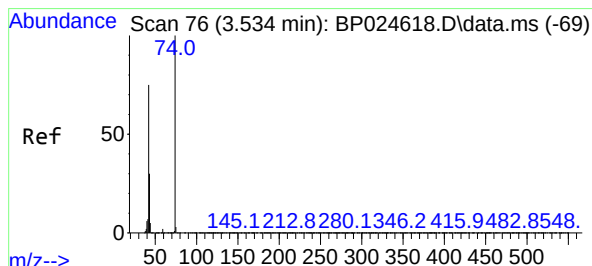
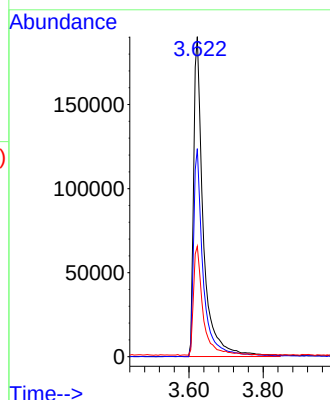
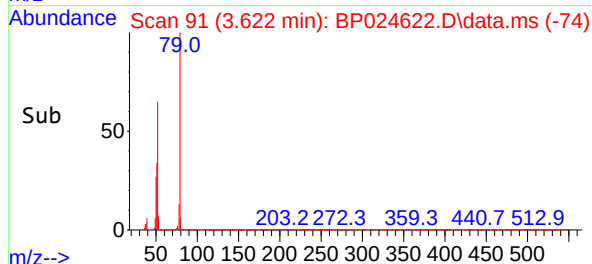
Instrument :
BNA_P
Client Sample Id :
ICVBP051325



Tgt Ion: 79 Resp: 34751
Ion Ratio Lower Upper
79 100
52 65.0 50.2 75.2
51 34.5 26.8 40.2

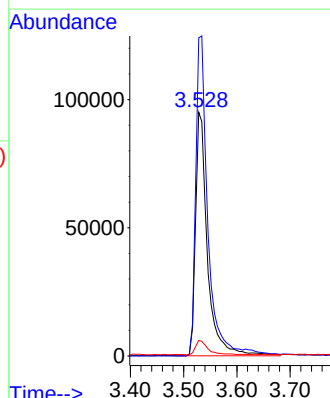
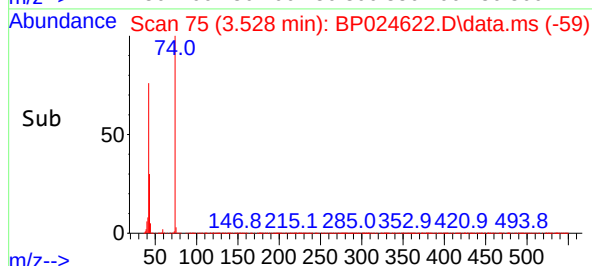
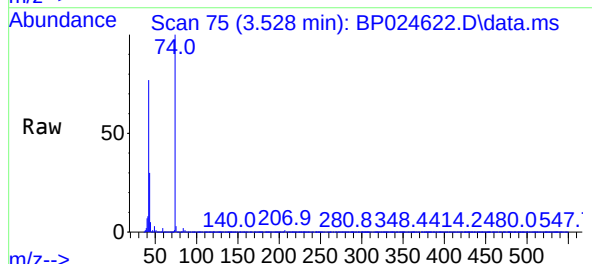
Manual Integrations
APPROVED

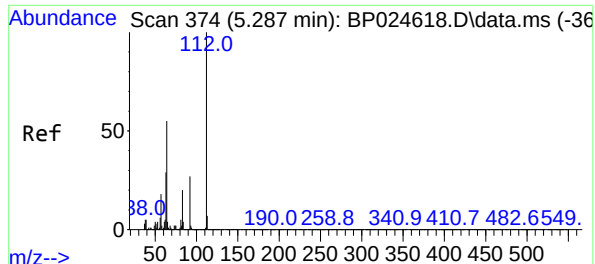
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#4
n-Nitrosodimethylamine
Concen: 37.98 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 42 Resp: 147412
Ion Ratio Lower Upper
42 100
74 130.6 106.2 159.2
44 6.4 5.4 8.2





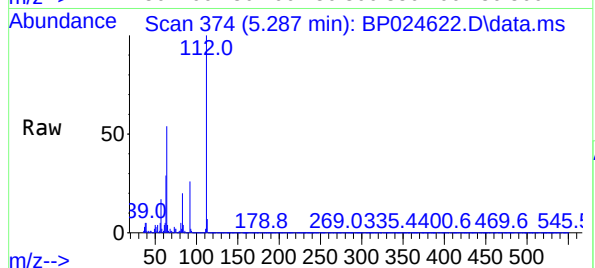
#5
2-Fluorophenol
Concen: 77.95 ng
RT: 5.287 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

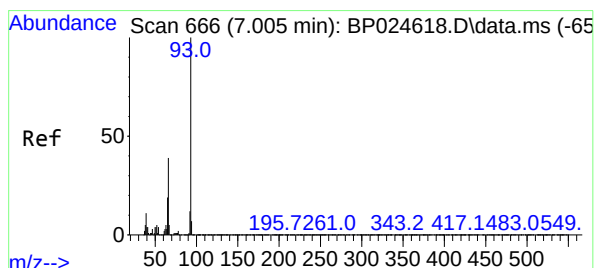
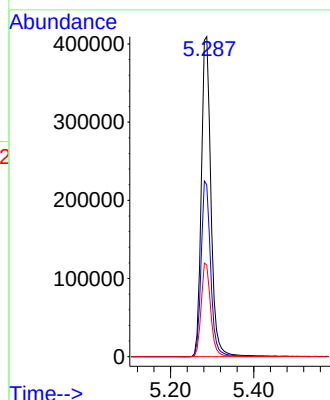
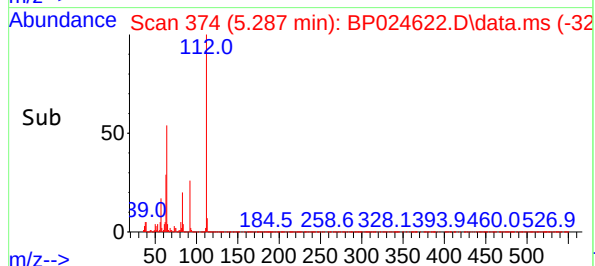


Tgt Ion:112 Resp: 658249
Ion Ratio Lower Upper
112 100
64 53.7 44.1 66.1
63 28.7 23.5 35.3

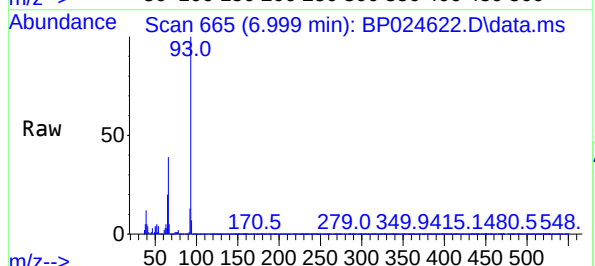
Manual Integrations

APPROVED

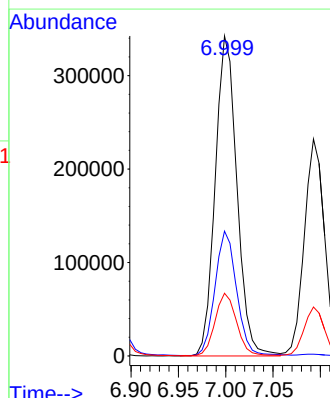
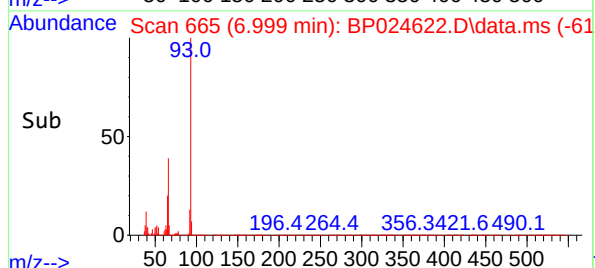
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

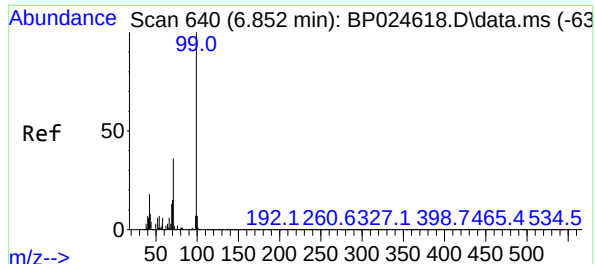


#6
Aniline
Concen: 39.21 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



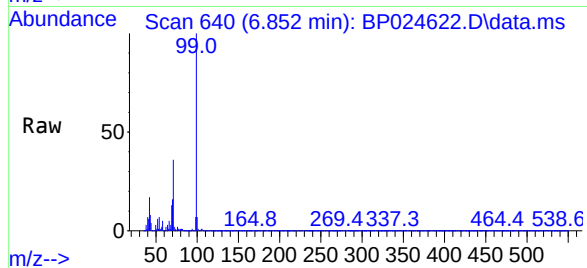
Tgt Ion: 93 Resp: 545556
Ion Ratio Lower Upper
93 100
66 39.0 31.0 46.6
65 19.6 15.5 23.3





#7
Phenol-d6
Concen: 79.09 ng
RT: 6.852 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

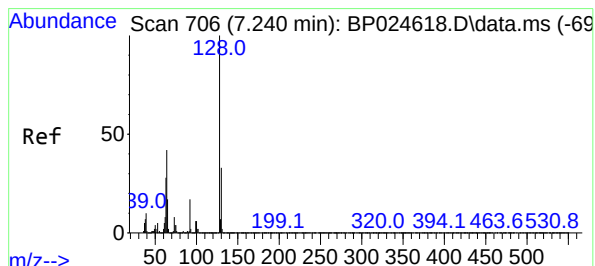
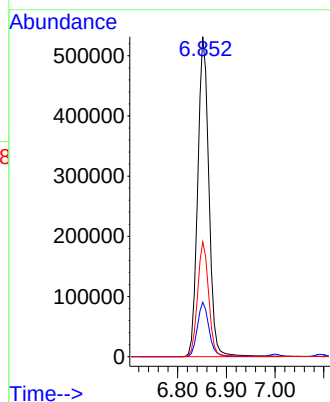
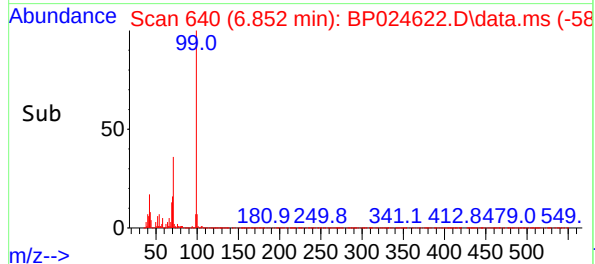
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



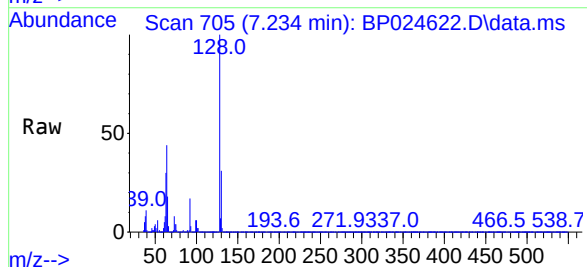
Tgt Ion: 99 Resp: 852330
Ion Ratio Lower Upper
99 100
42 17.0 14.4 21.6
71 35.9 29.2 43.8

Manual Integrations
APPROVED

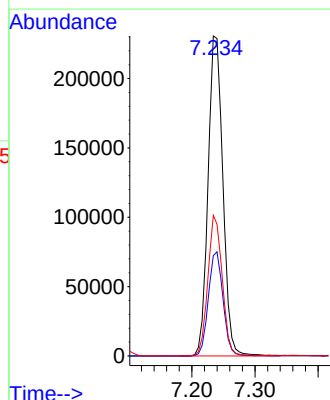
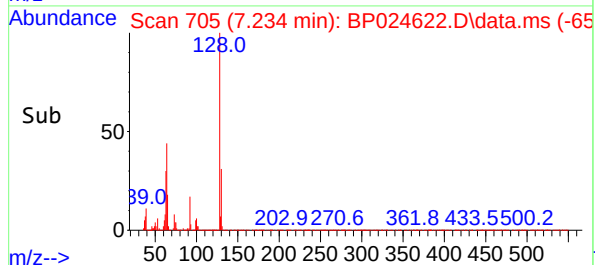
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



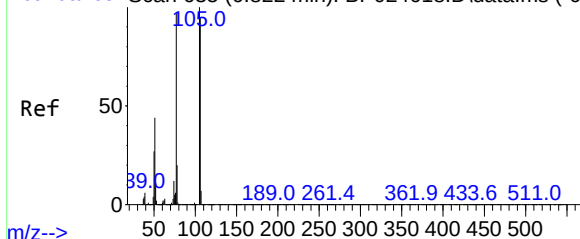
#8
2-Chlorophenol
Concen: 39.37 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



Tgt Ion:128 Resp: 377358
Ion Ratio Lower Upper
128 100
130 31.4 13.0 53.0
64 43.9 22.3 62.3



Abundance Scan 635 (6.822 min): BP024618.D\data.ms (-62



#9

Benzaldehyde

Concen: 39.03 ng

RT: 6.816 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

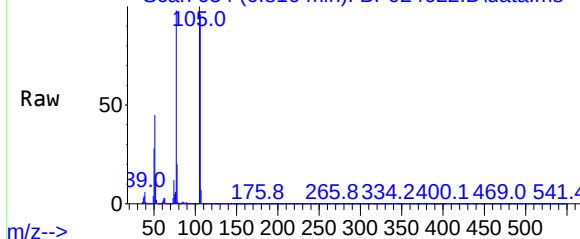
BNA_P

ClientSampleId :

ICVBP051325

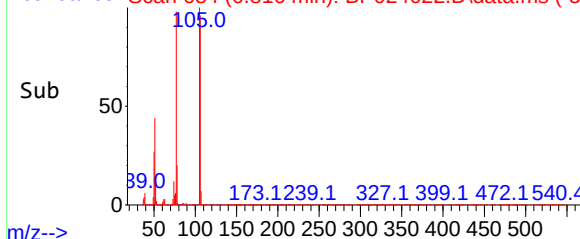
m/z-->

Abundance Scan 634 (6.816 min): BP024622.D\data.ms



m/z-->

Abundance Scan 634 (6.816 min): BP024622.D\data.ms (-58



m/z-->

Tgt Ion: 77 Resp: 27230

Ion Ratio Lower Upper

77 100

105 102.4 83.3 123.3

106 98.5 78.0 118.0

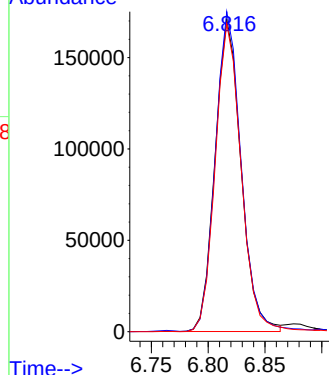
Manual Integrations

APPROVED

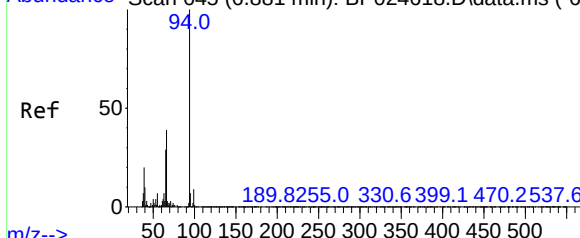
Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025

Abundance

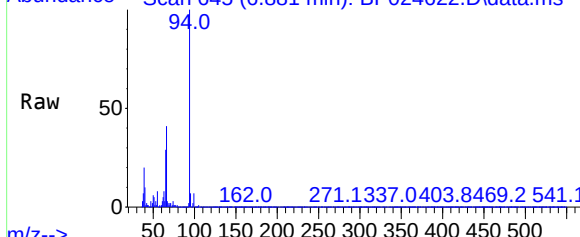


Abundance Scan 645 (6.881 min): BP024618.D\data.ms (-63



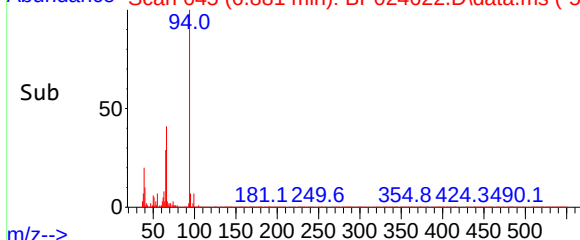
m/z-->

Abundance Scan 645 (6.881 min): BP024622.D\data.ms



m/z-->

Abundance Scan 645 (6.881 min): BP024622.D\data.ms (-59



m/z-->

#10

Phenol

Concen: 39.09 ng

RT: 6.881 min Scan# 645

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Tgt Ion: 94 Resp: 434788

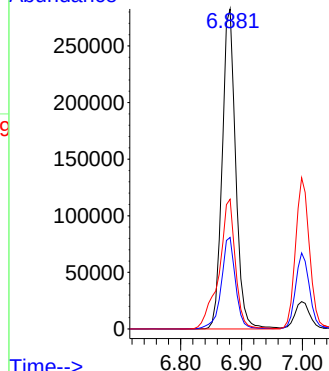
Ion Ratio Lower Upper

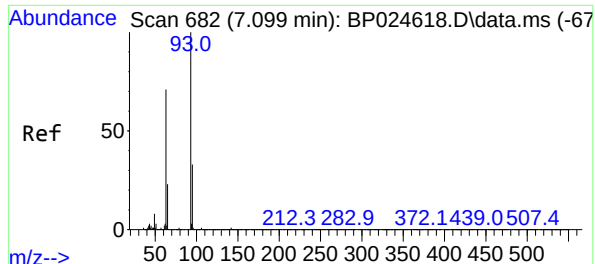
94 100

65 28.6 8.7 48.7

66 40.5 19.4 59.4

Abundance





#11

bis(2-Chloroethyl)ether

Concen: 37.94 ng

RT: 7.093 min Scan# 682

Delta R.T. -0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion: 93 Resp: 346744

Ion Ratio Lower Upper

93 100

63 71.9 50.6 90.6

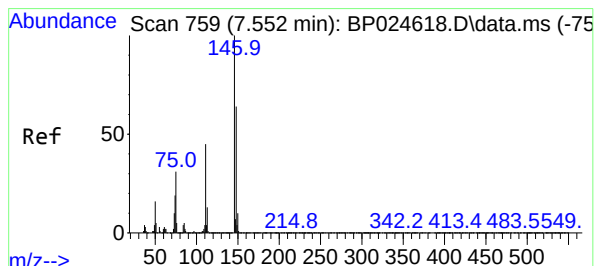
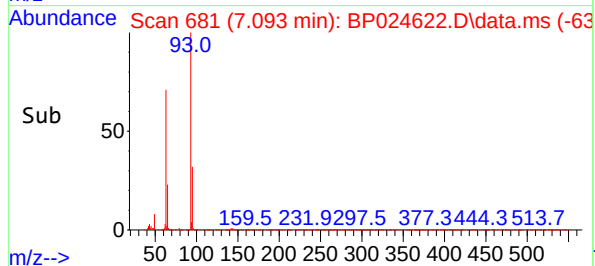
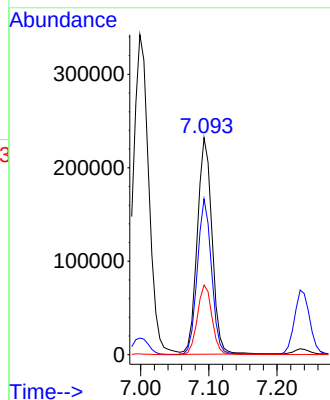
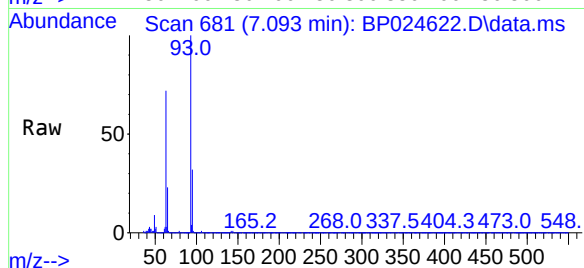
95 32.1 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#12

1,3-Dichlorobenzene

Concen: 37.89 ng

RT: 7.552 min Scan# 759

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

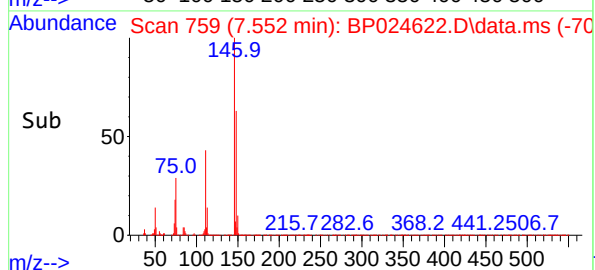
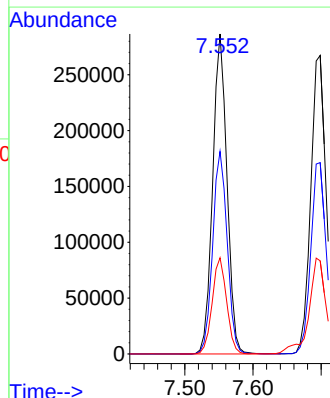
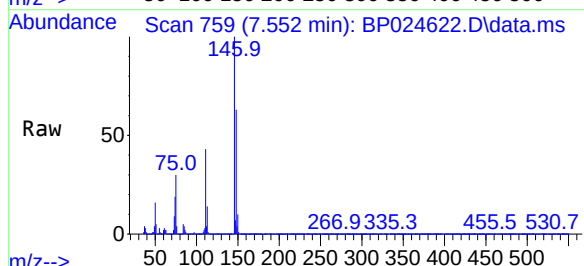
Tgt Ion:146 Resp: 417899

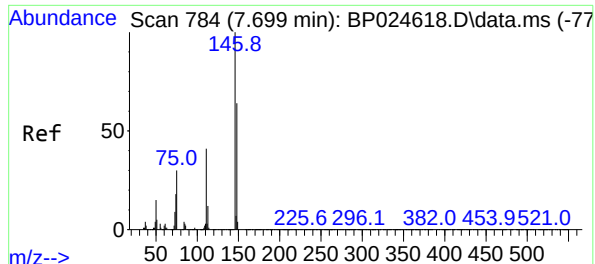
Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.2

75 30.1 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 37.90 ng

RT: 7.699 min Scan# 784

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion:146 Resp: 420432

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

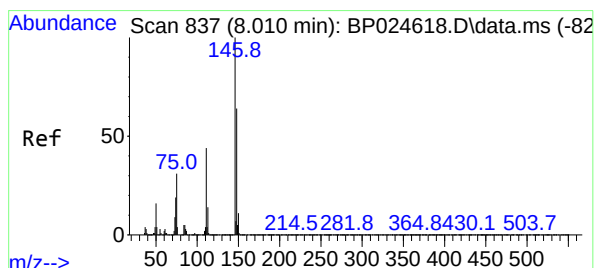
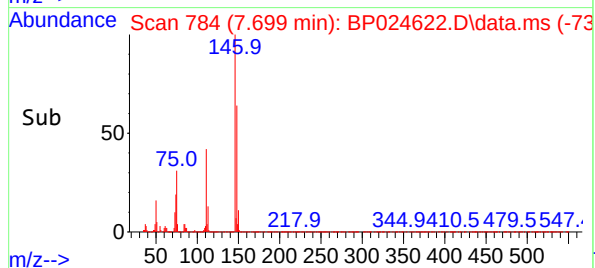
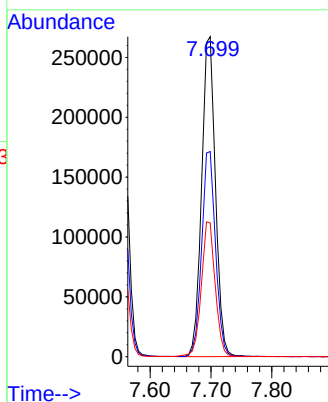
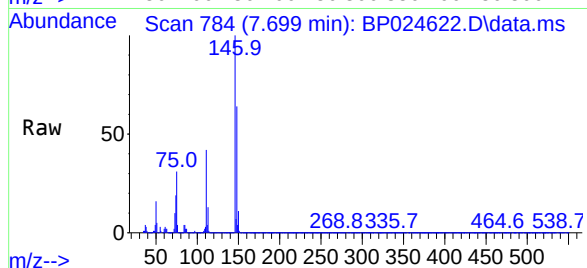
111 41.8 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#14

1,2-Dichlorobenzene

Concen: 37.90 ng

RT: 8.010 min Scan# 837

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

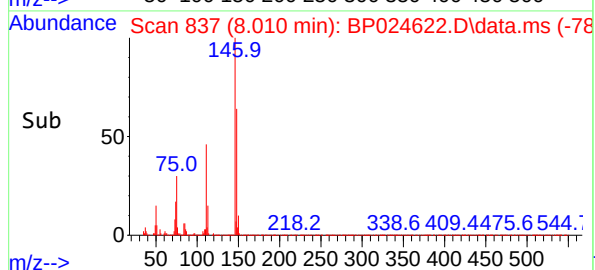
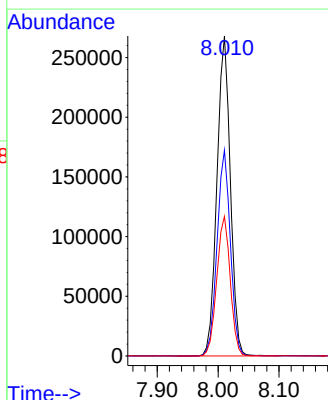
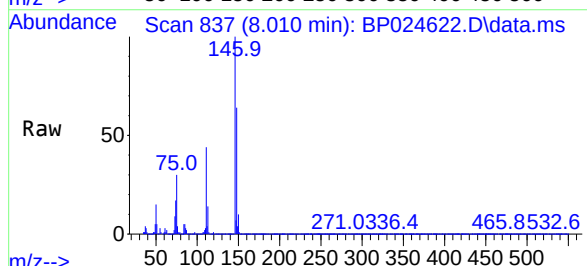
Tgt Ion:146 Resp: 409587

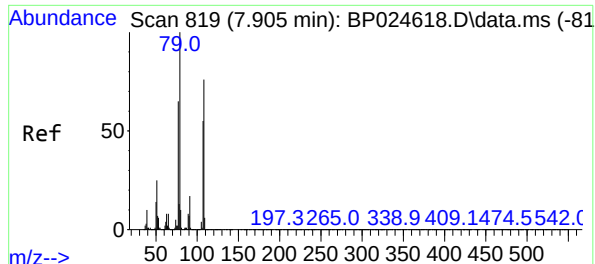
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.4

111 43.6 35.2 52.8





#15

Benzyl Alcohol

Concen: 40.54 ng

RT: 7.904 min Scan# 819

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

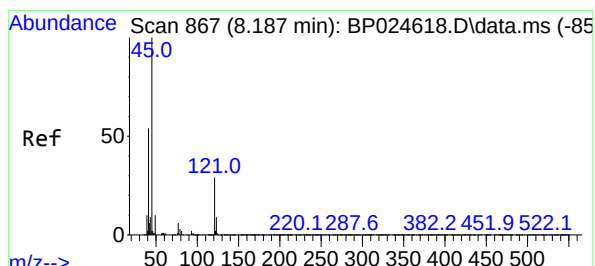
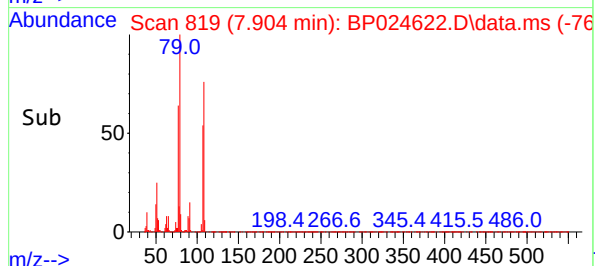
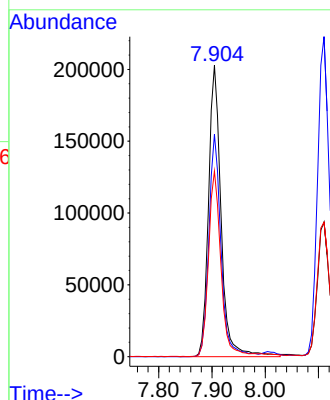
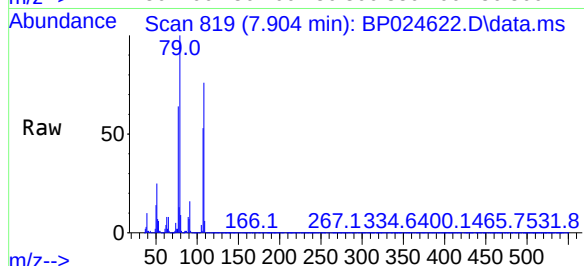
Tgt Ion:	79	Resp:	33201
Ion	Ratio	Lower	Upper
79	100		
108	76.4	60.8	91.2
77	63.7	51.9	77.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.04 ng

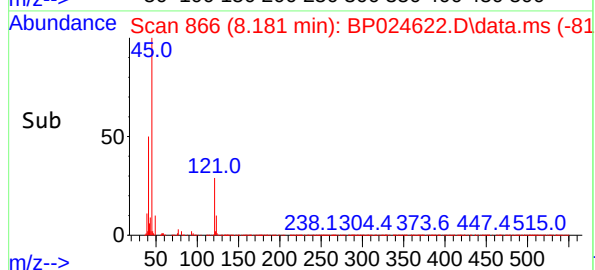
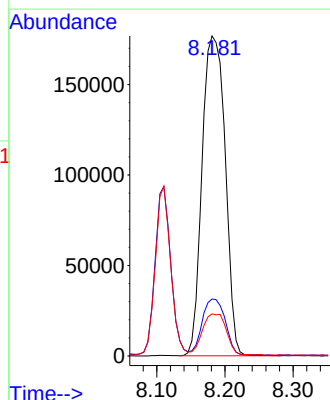
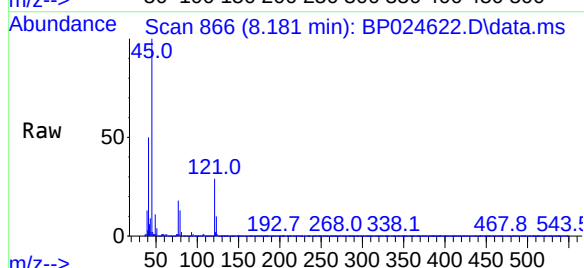
RT: 8.181 min Scan# 866

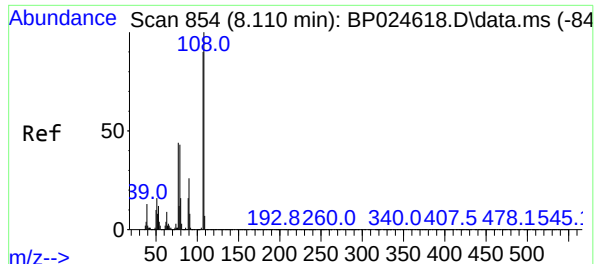
Delta R.T. -0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Tgt Ion:	45	Resp:	416339
Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	37.7
79	13.2	0.0	34.0





#17

2-Methylphenol

Concen: 39.62 ng

RT: 8.110 min Scan# 854

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion:107 Resp: 31606

Ion Ratio Lower Upper

107 100

108 111.5 88.9 133.3

77 46.8 39.0 58.6

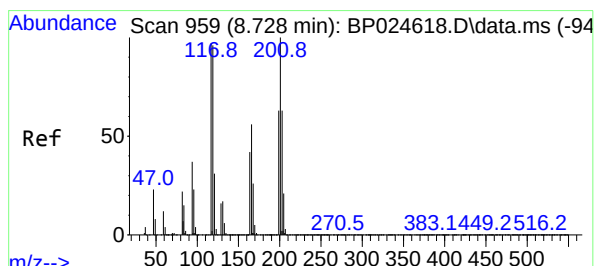
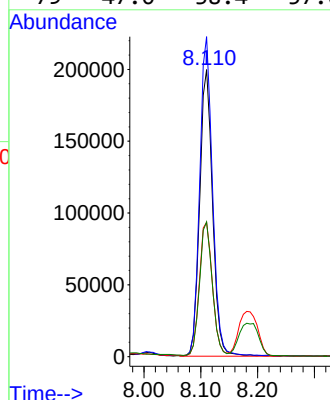
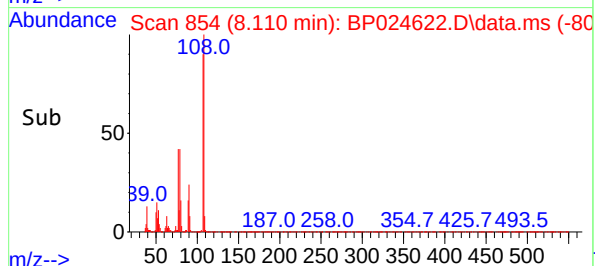
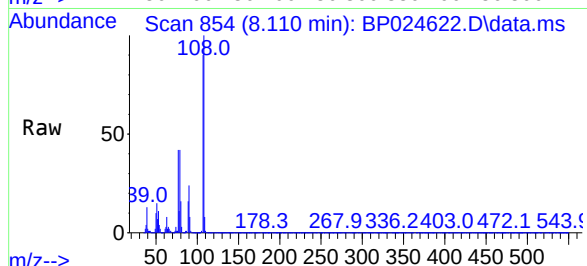
79 47.0 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#18

Hexachloroethane

Concen: 37.21 ng

RT: 8.728 min Scan# 959

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

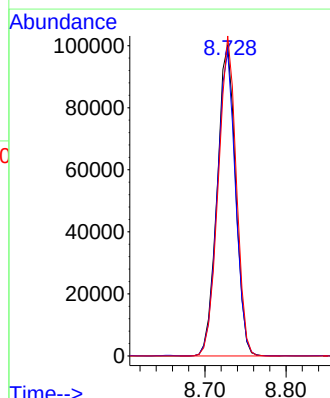
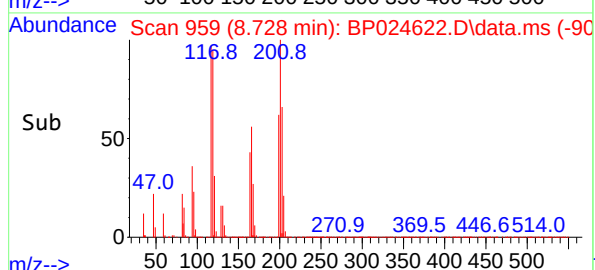
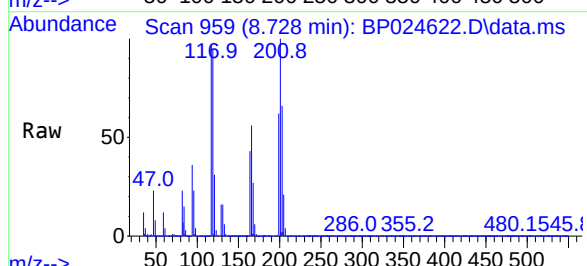
Tgt Ion:117 Resp: 158167

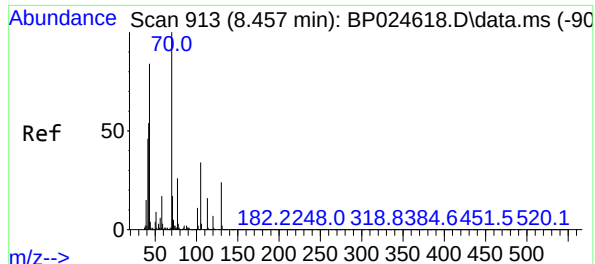
Ion Ratio Lower Upper

117 100

119 97.9 79.4 119.0

201 103.0 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 39.16 ng

RT: 8.463 min Scan# 913

Delta R.T. 0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion: 70 Resp: 29196

Ion Ratio Lower Upper

70 100

42 53.7 43.0 64.6

101 10.8 8.7 13.1

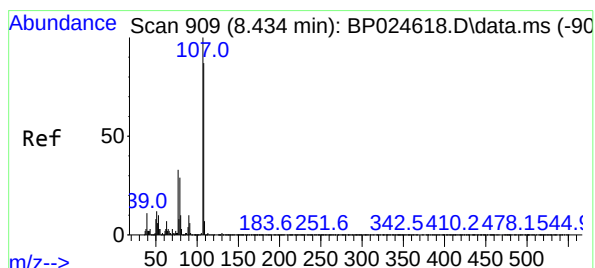
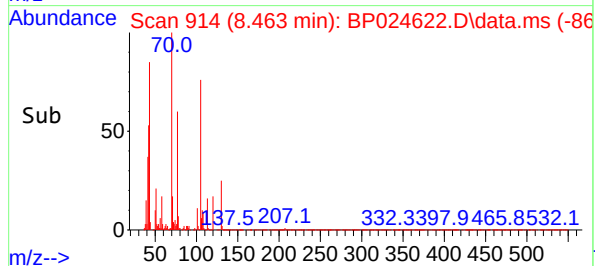
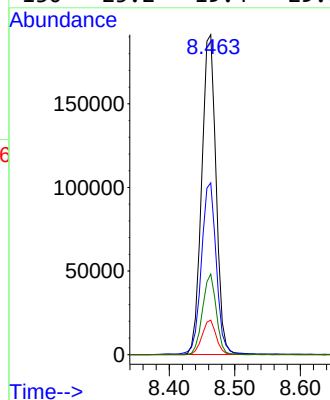
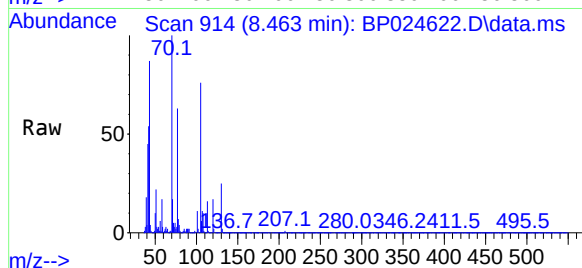
130 25.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#20

3+4-Methylphenols

Concen: 39.56 ng

RT: 8.434 min Scan# 909

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Tgt Ion:107 Resp: 429326

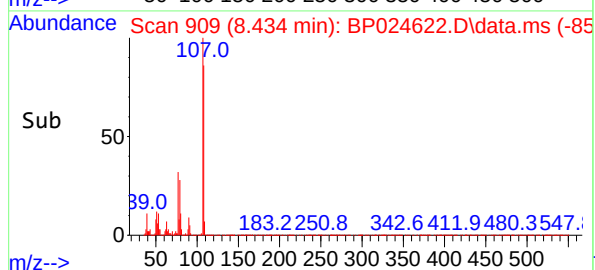
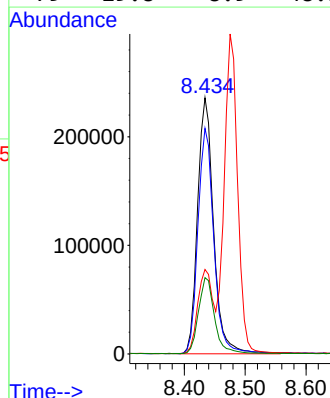
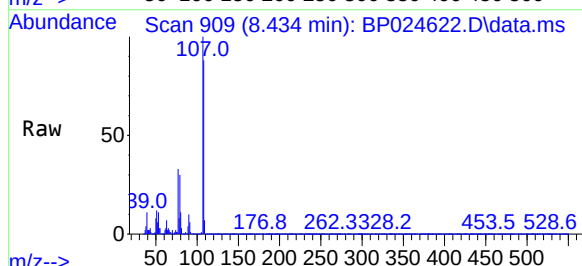
Ion Ratio Lower Upper

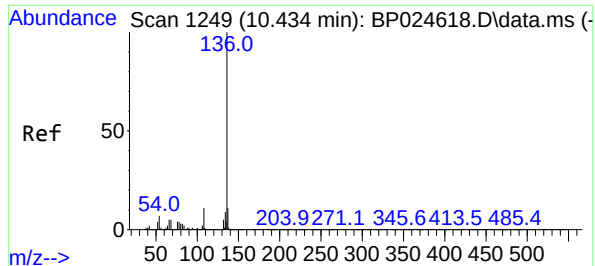
107 100

108 88.1 66.7 106.7

77 33.0 13.1 53.1

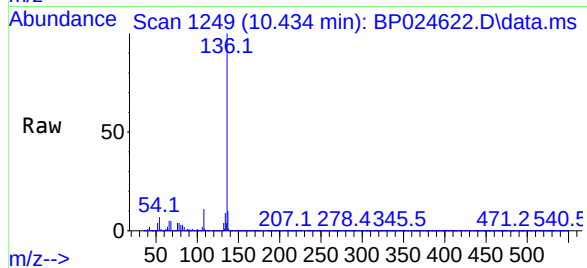
79 29.8 8.9 48.9





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

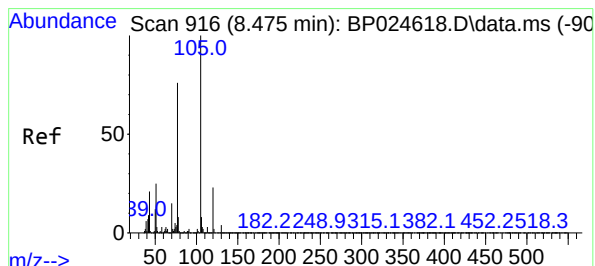
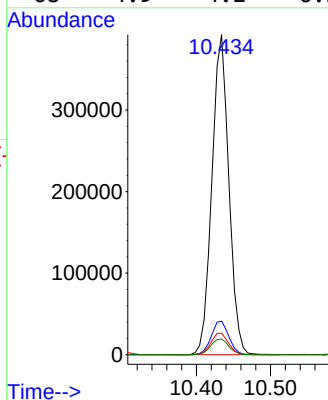
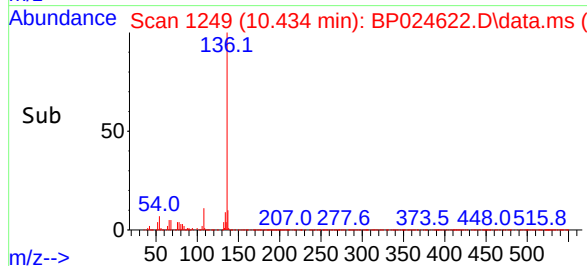
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



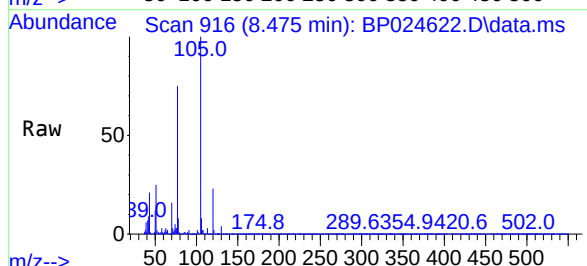
Tgt Ion:136 Resp: 621777
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 6.7 5.5 8.3
68 4.9 4.2 6.2

Manual Integrations
APPROVED

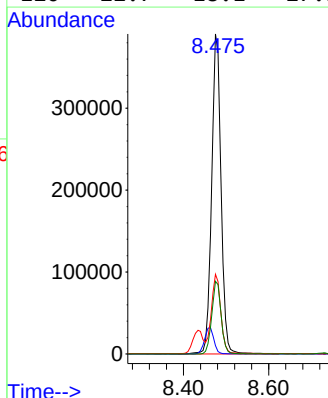
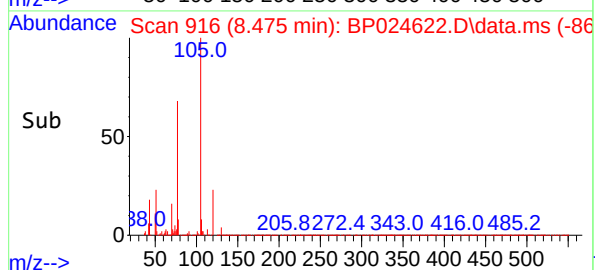
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

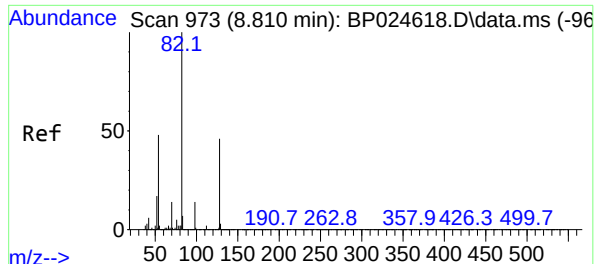


#22
Acetophenone
Concen: 38.47 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



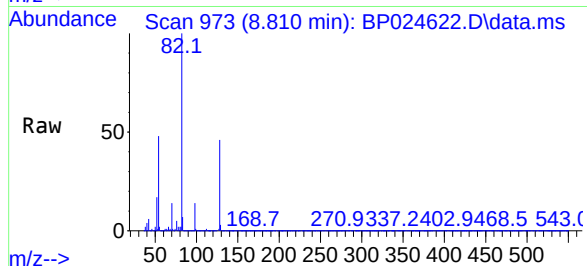
Tgt Ion:105 Resp: 597464
Ion Ratio Lower Upper
105 100
71 2.6 2.0 3.0
51 24.9 20.4 30.6
120 22.7 18.1 27.1





#23
Nitrobenzene-d5
Concen: 78.23 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

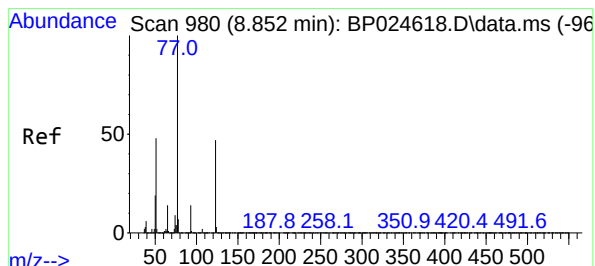
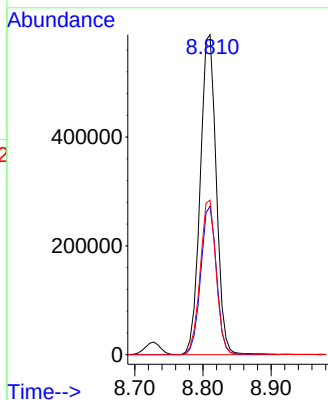
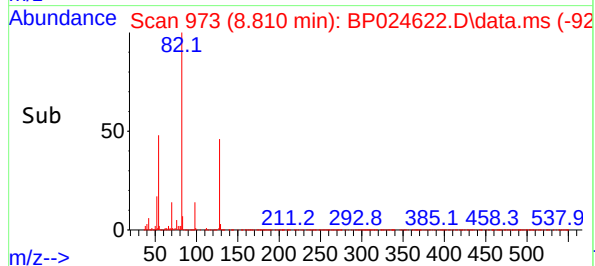
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



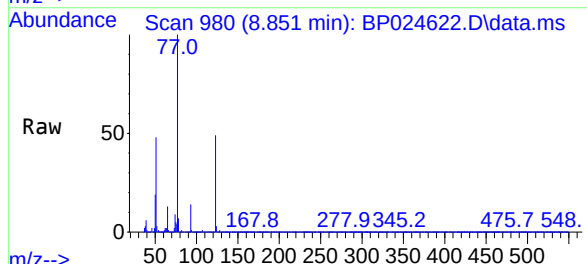
Tgt Ion: 82 Resp: 962660
Ion Ratio Lower Upper
82 100
128 46.4 37.0 55.4
54 48.3 38.7 58.1

Manual Integrations
APPROVED

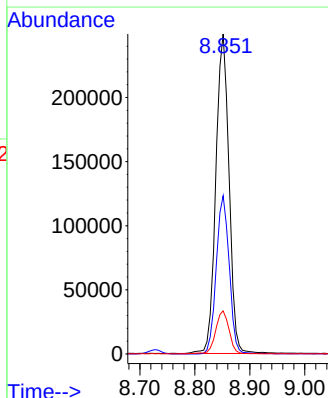
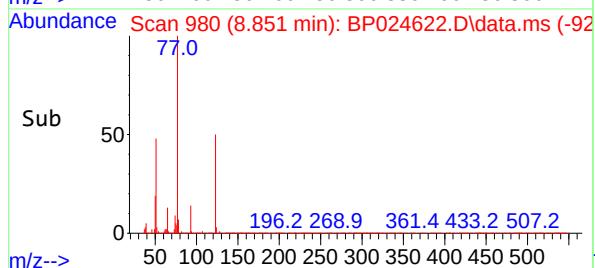
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

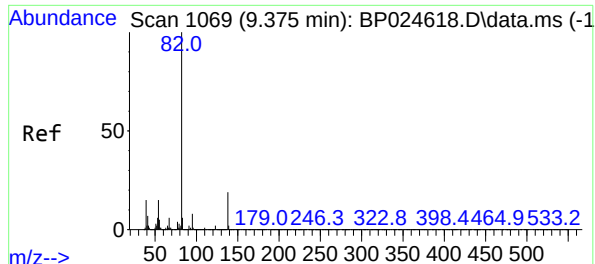


#24
Nitrobenzene
Concen: 38.50 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



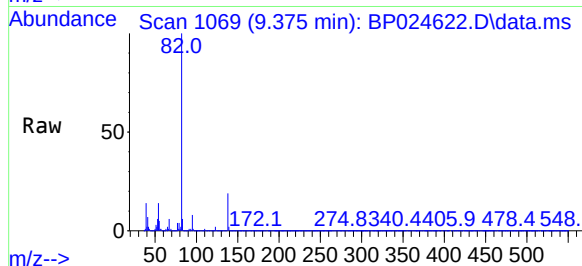
Tgt Ion: 77 Resp: 416985
Ion Ratio Lower Upper
77 100
123 49.5 37.4 56.0
65 13.5 11.3 16.9





#25
Isophorone
Concen: 38.49 ng
RT: 9.375 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

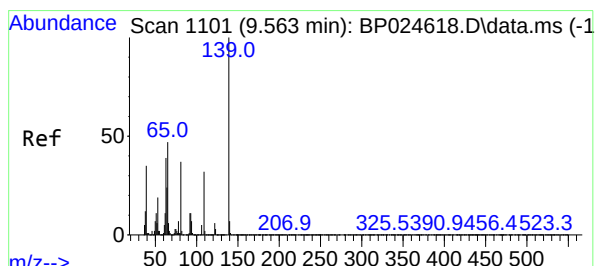
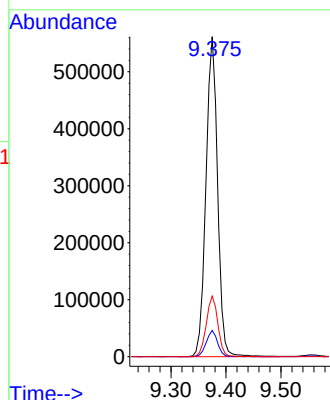
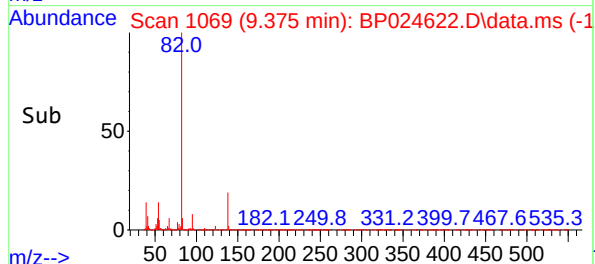
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion: 82 Resp: 82163
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 18.9 15.3 22.9

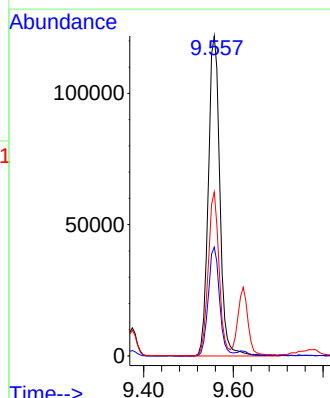
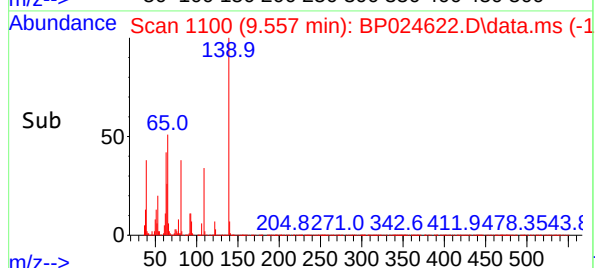
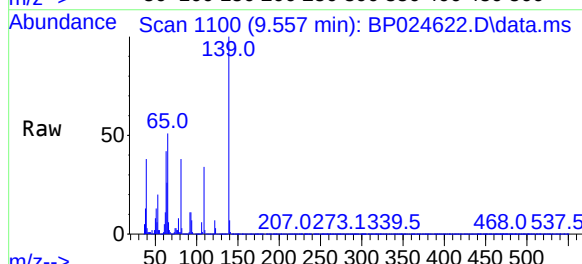
Manual Integrations
APPROVED

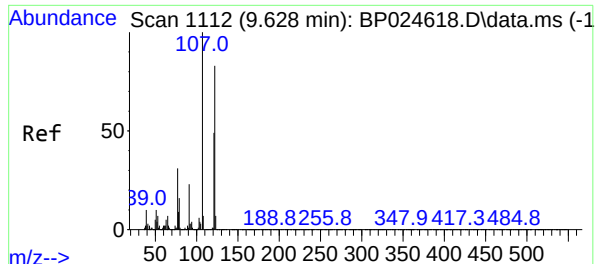
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#26
2-Nitrophenol
Concen: 41.12 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:139 Resp: 218211
Ion Ratio Lower Upper
139 100
109 34.0 25.9 38.9
65 51.3 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 39.48 ng

RT: 9.622 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion:122 Resp: 369418

Ion Ratio Lower Upper

122 100

107 120.3 96.2 144.2

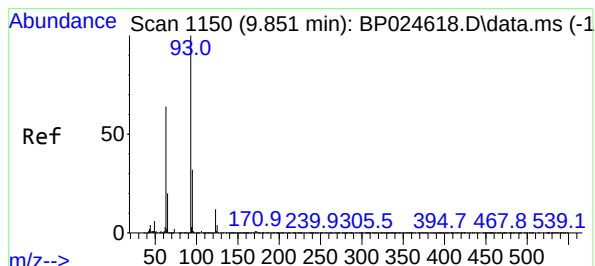
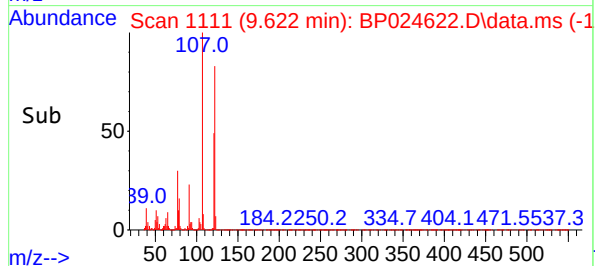
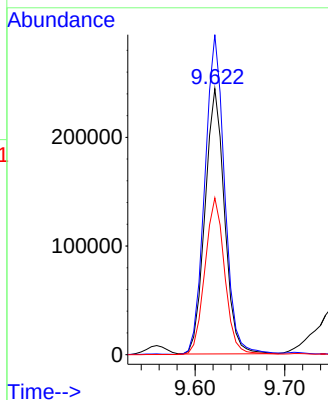
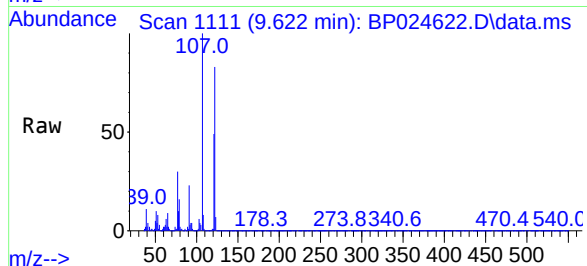
121 58.9 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.71 ng

RT: 9.851 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

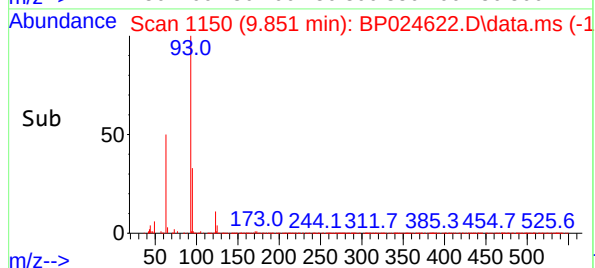
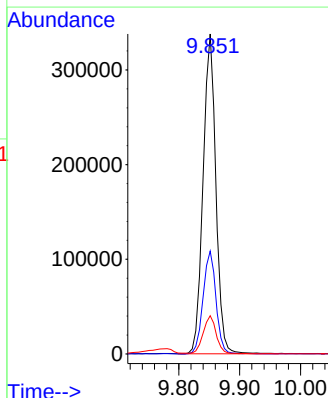
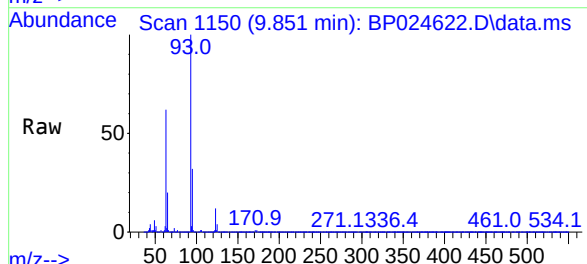
Tgt Ion: 93 Resp: 493722

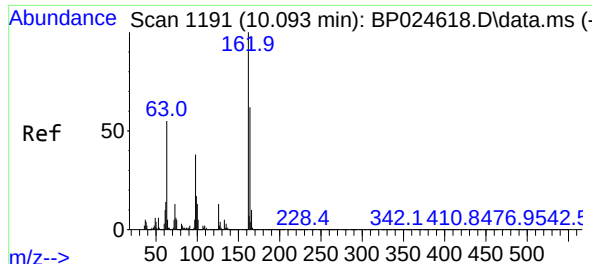
Ion Ratio Lower Upper

93 100

95 32.1 25.5 38.3

123 12.0 9.7 14.5





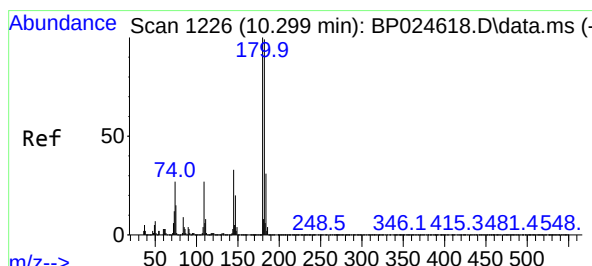
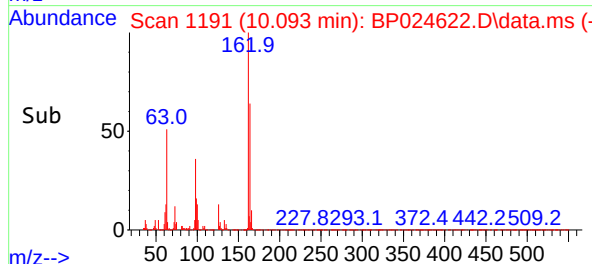
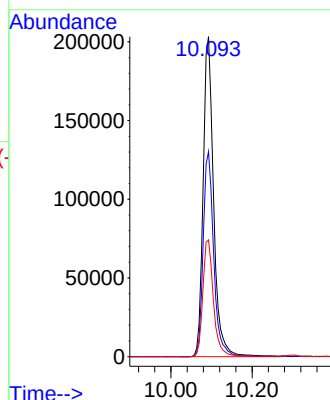
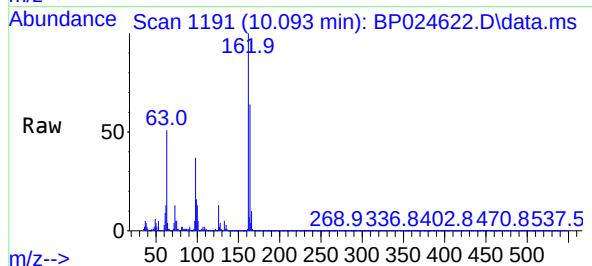
#29
2,4-Dichlorophenol
Concen: 40.19 ng
RT: 10.093 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:162 Resp: 36437
Ion Ratio Lower Upper
162 100
164 64.1 42.3 82.3
98 36.5 18.4 58.4

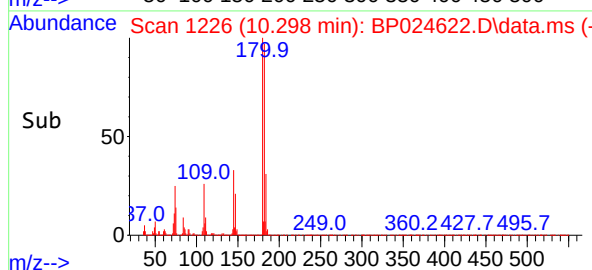
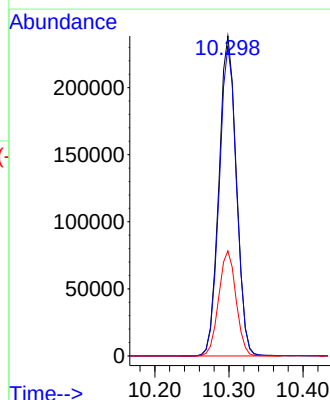
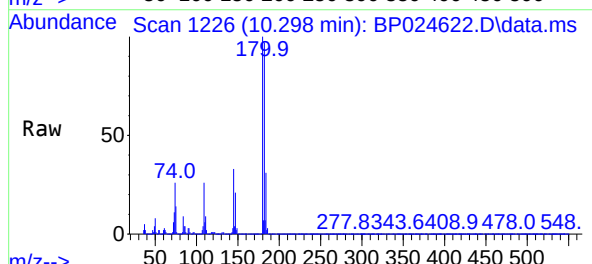
Manual Integrations
APPROVED

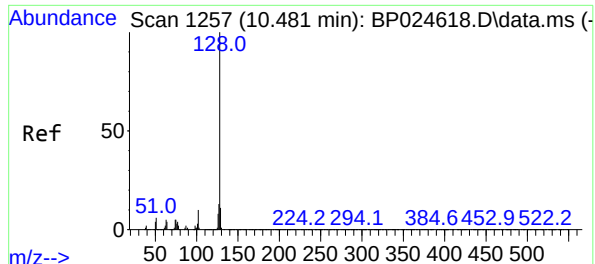
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#30
1,2,4-Trichlorobenzene
Concen: 38.11 ng
RT: 10.298 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:180 Resp: 389362
Ion Ratio Lower Upper
180 100
182 96.8 79.0 118.4
145 32.9 26.6 39.8





#31

Naphthalene

Concen: 38.07 ng

RT: 10.481 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion:128 Resp: 1226624

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

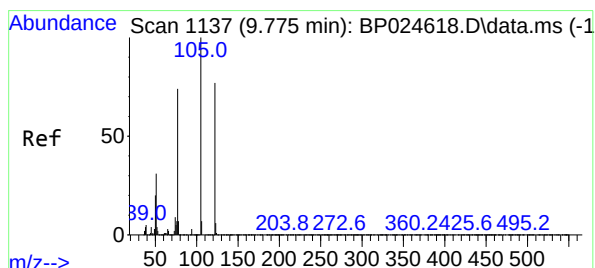
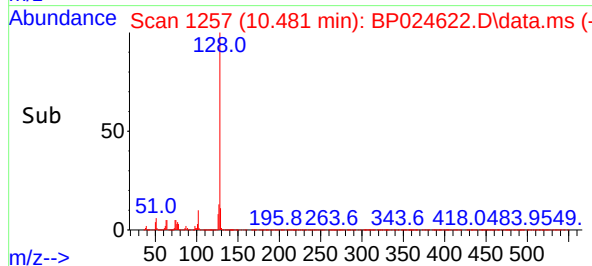
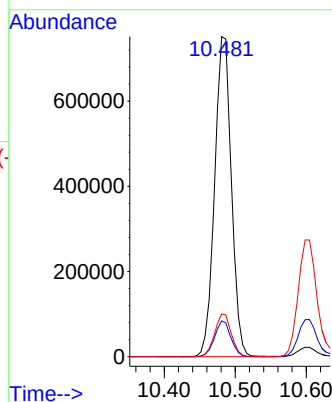
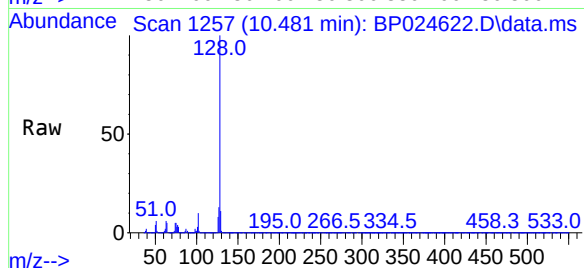
127 13.4 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#32

Benzoic acid

Concen: 36.46 ng

RT: 9.781 min Scan# 1138

Delta R.T. 0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

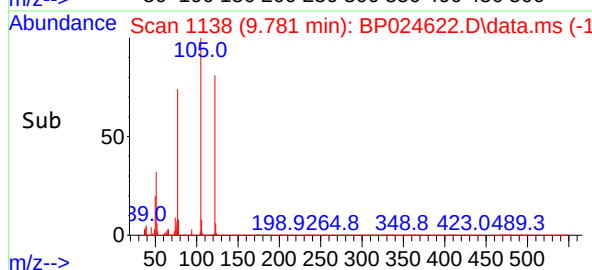
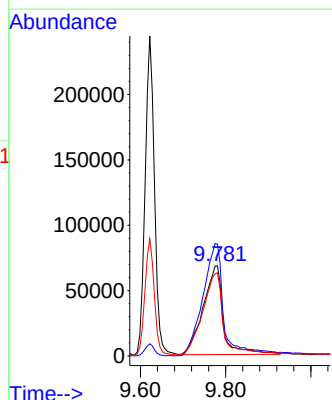
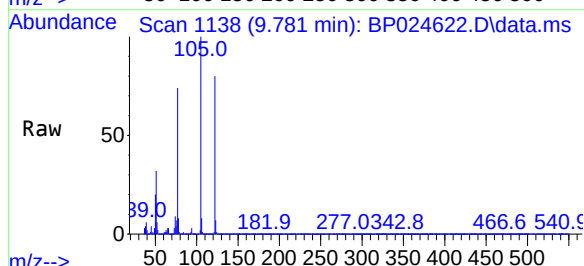
Tgt Ion:122 Resp: 223660

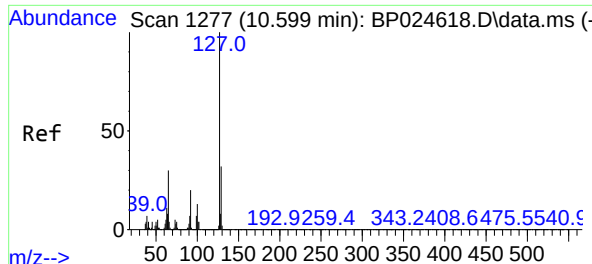
Ion Ratio Lower Upper

122 100

105 124.2 106.9 146.9

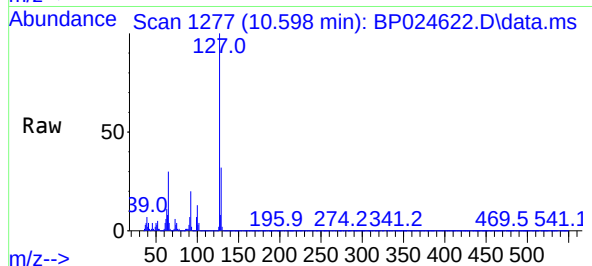
77 92.5 75.1 115.1





#33
4-Chloroaniline
Concen: 40.37 ng
RT: 10.598 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

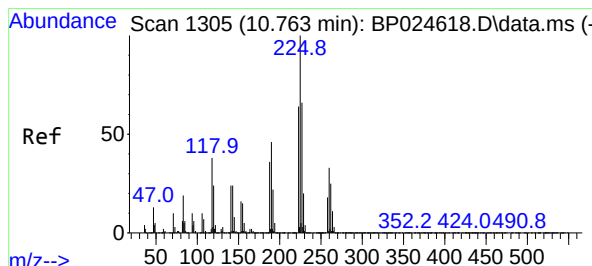
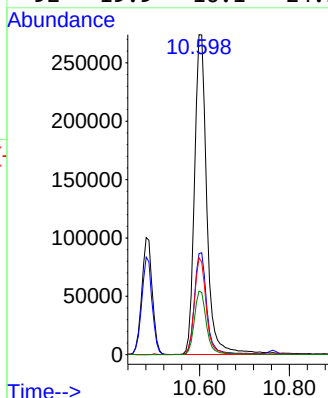
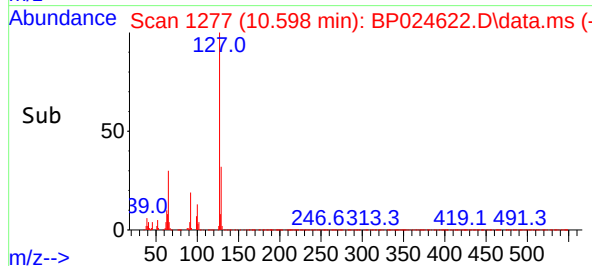
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:127 Resp: 52487
Ion Ratio Lower Upper
127 100
129 31.6 25.8 38.6
65 30.3 23.9 35.9
92 19.9 16.1 24.1

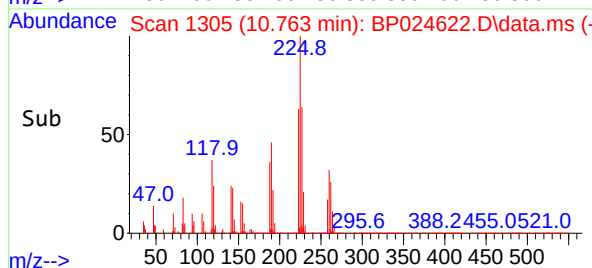
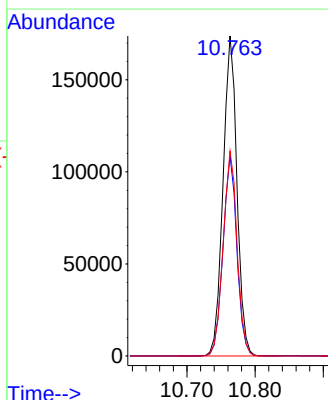
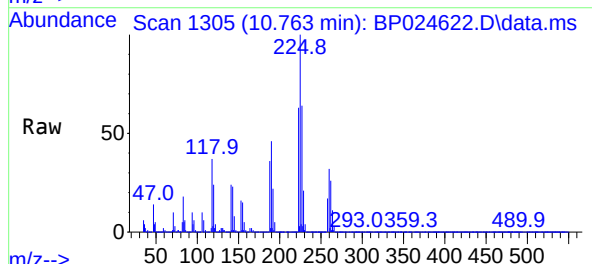
Manual Integrations
APPROVED

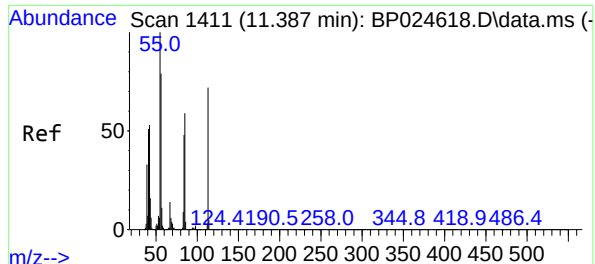
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#34
Hexachlorobutadiene
Concen: 37.29 ng
RT: 10.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

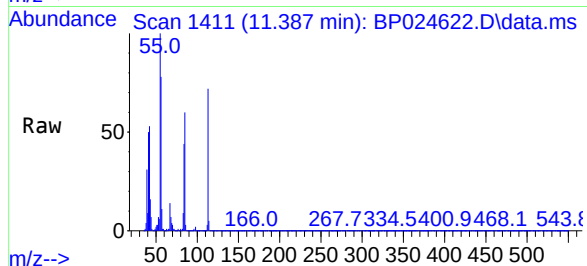
Tgt Ion:225 Resp: 246776
Ion Ratio Lower Upper
225 100
223 62.5 51.0 76.6
227 64.0 53.1 79.7





#35
Caprolactam
Concen: 39.75 ng
RT: 11.387 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

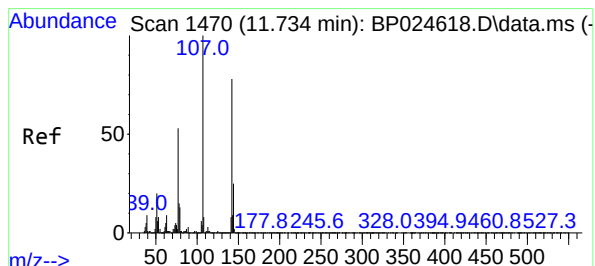
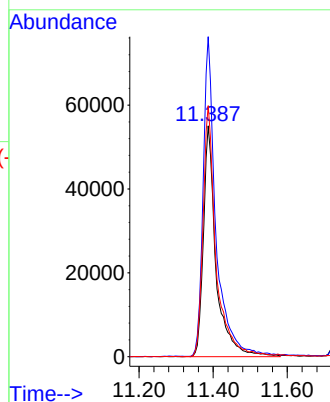
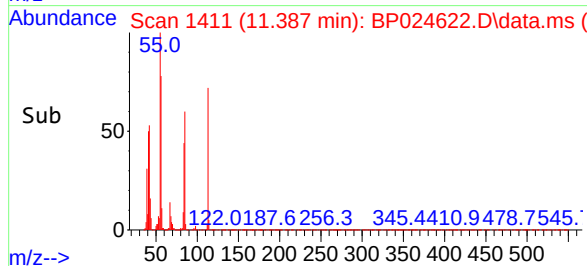
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



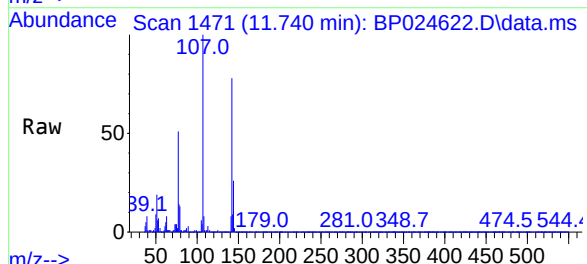
Tgt Ion:113 Resp: 130399
Ion Ratio Lower Upper
113 100
55 138.6 119.0 159.0
56 108.8 90.3 130.3

Manual Integrations
APPROVED

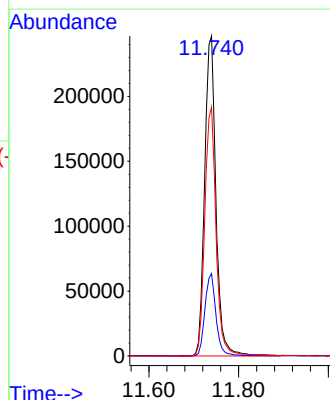
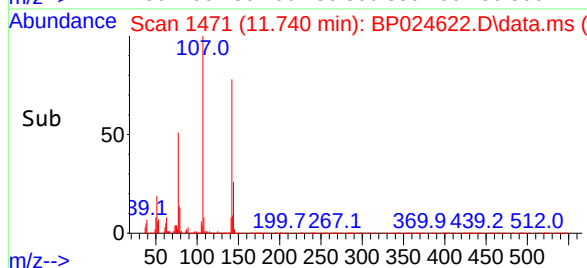
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

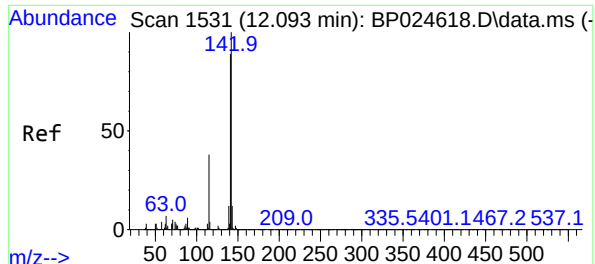


#36
4-Chloro-3-methylphenol
Concen: 39.01 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



Tgt Ion:107 Resp: 431344
Ion Ratio Lower Upper
107 100
144 25.7 20.1 30.1
142 77.8 62.1 93.1





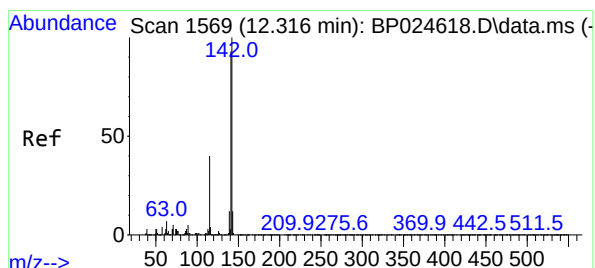
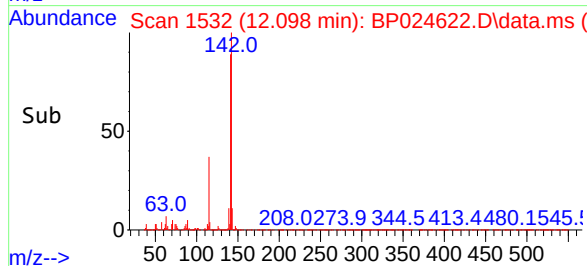
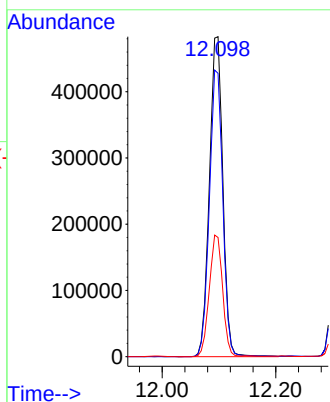
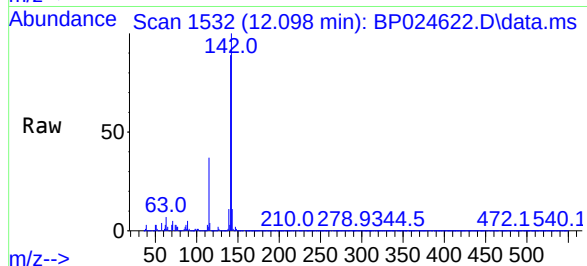
#37
2-Methylnaphthalene
Concen: 37.85 ng
RT: 12.098 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:142 Resp: 789724
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8
115 37.2 30.6 46.0

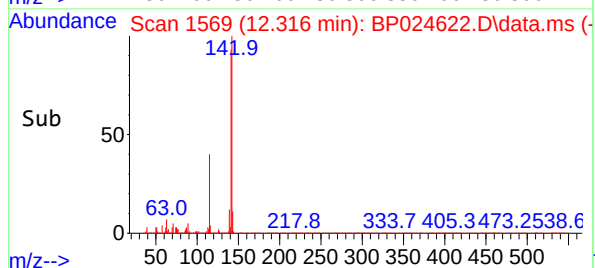
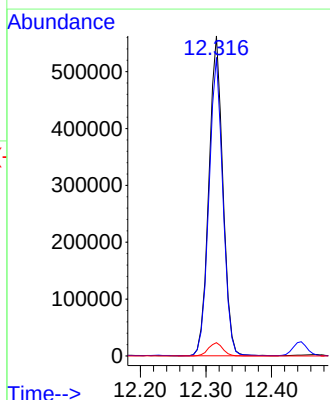
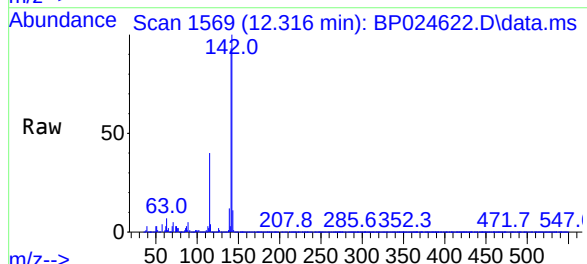
Manual Integrations
APPROVED

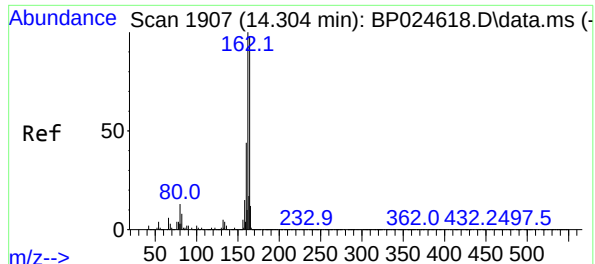
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#38
1-Methylnaphthalene
Concen: 37.34 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:142 Resp: 833521
Ion Ratio Lower Upper
142 100
141 93.2 74.7 112.1
116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.292 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion:164 Resp: 39111

Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.6

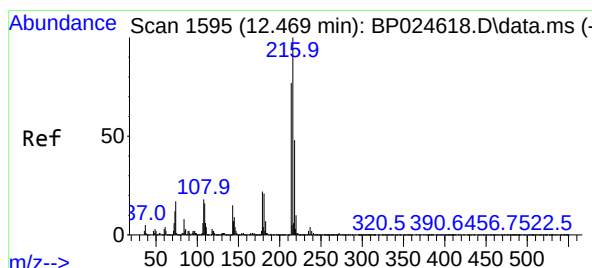
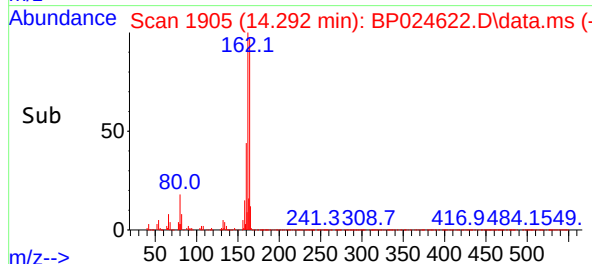
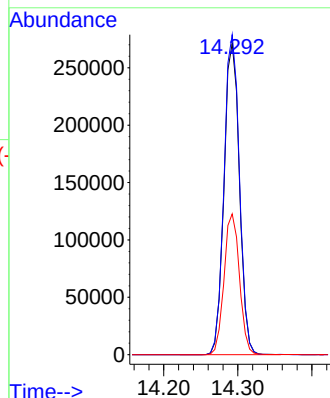
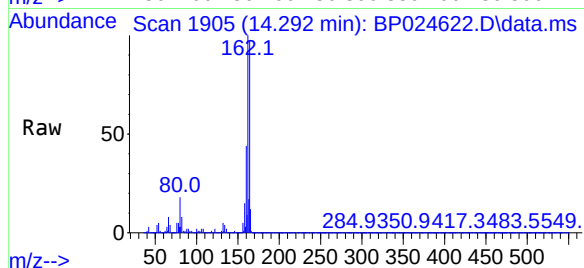
160 45.2 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.13 ng

RT: 12.469 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Tgt Ion:216 Resp: 444420

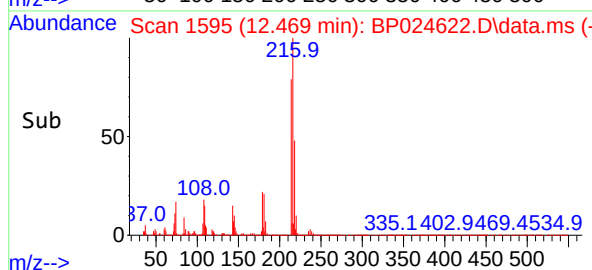
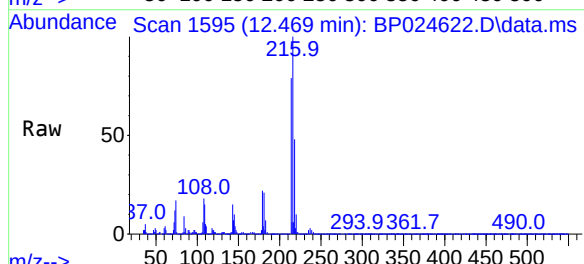
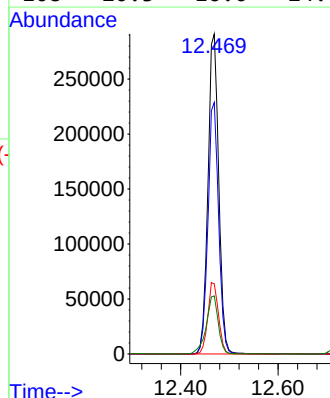
Ion Ratio Lower Upper

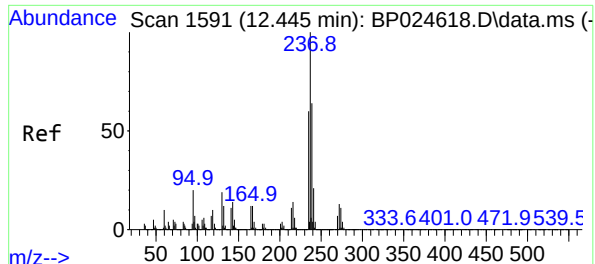
216 100

214 78.0 62.3 93.5

179 22.2 17.7 26.5

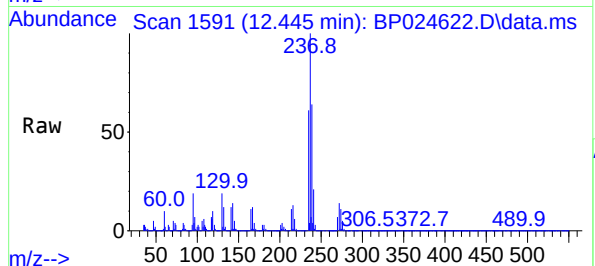
108 20.3 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 44.37 ng
RT: 12.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

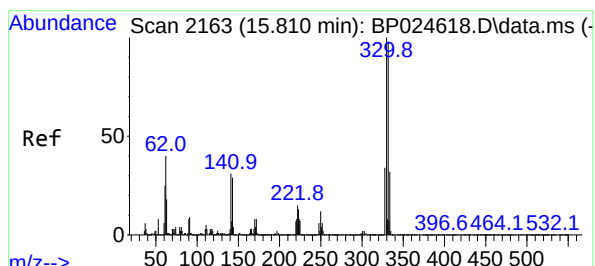
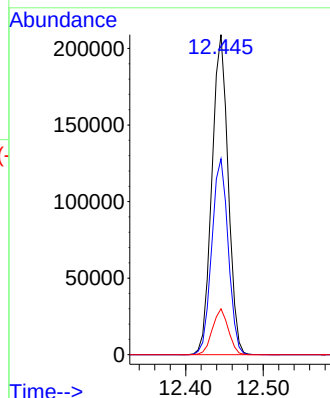
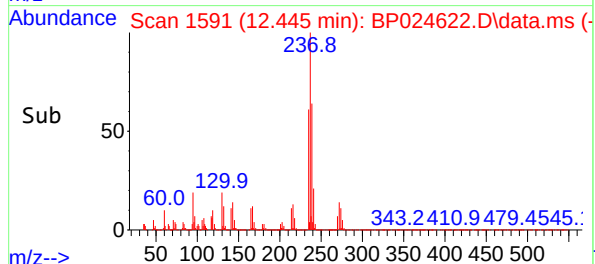
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



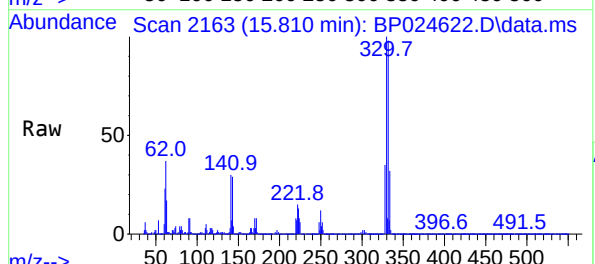
Tgt Ion: 237 Resp: 305579
Ion Ratio Lower Upper
237 100
235 61.2 39.9 79.9
272 14.3 0.0 33.2

Manual Integrations
APPROVED

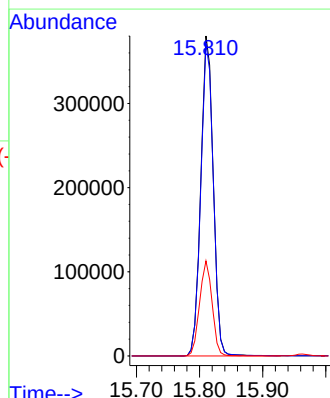
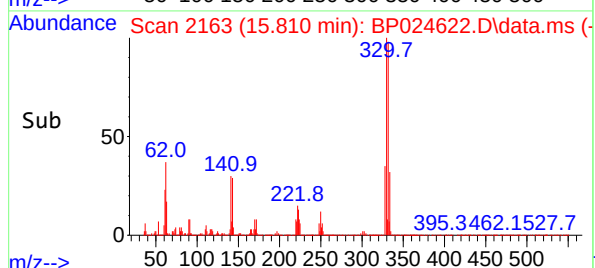
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

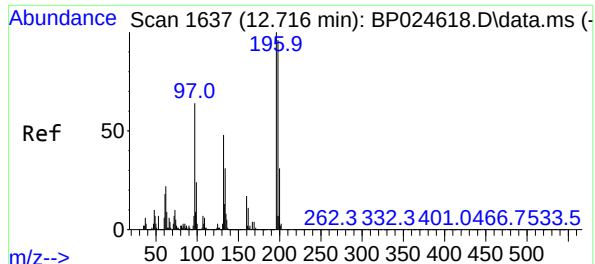


#42
2,4,6-Tribromophenol
Concen: 78.53 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



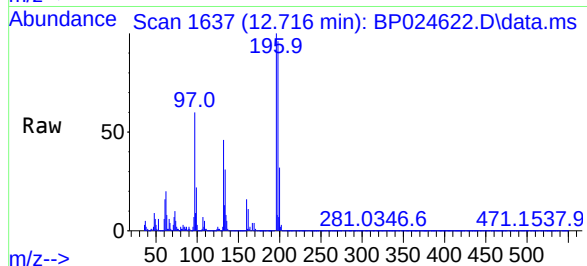
Tgt Ion: 330 Resp: 520660
Ion Ratio Lower Upper
330 100
332 98.2 78.2 117.4
141 29.8 24.3 36.5





#43
2,4,6-Trichlorophenol
Concen: 41.55 ng
RT: 12.716 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

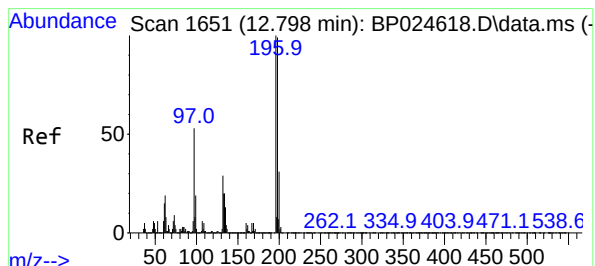
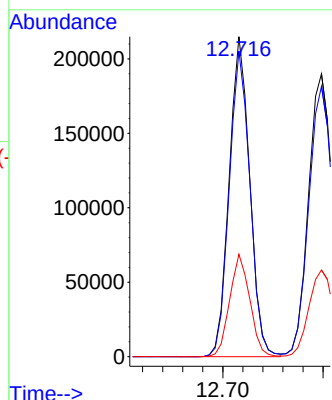
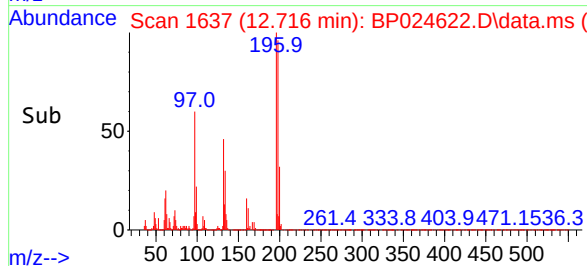
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



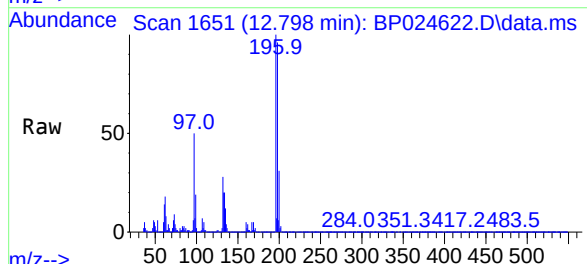
Tgt Ion:196 Resp: 305652
Ion Ratio Lower Upper
196 100
198 95.5 76.9 115.3
200 32.0 25.2 37.8

Manual Integrations
APPROVED

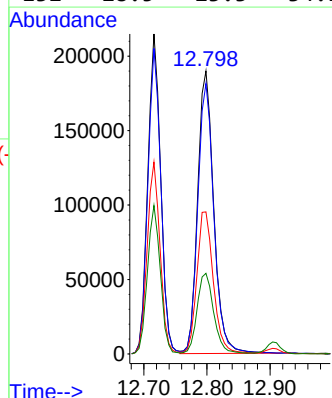
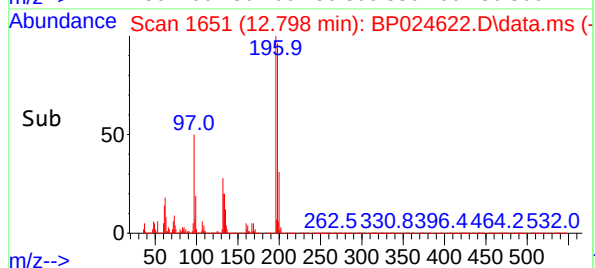
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

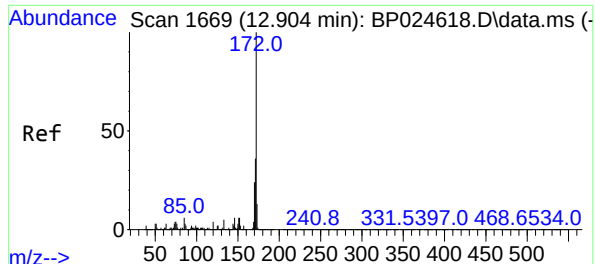


#44
2,4,5-Trichlorophenol
Concen: 41.06 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



Tgt Ion:196 Resp: 336252
Ion Ratio Lower Upper
196 100
198 95.6 79.2 118.8
97 50.2 42.3 63.5
132 28.5 23.3 34.9





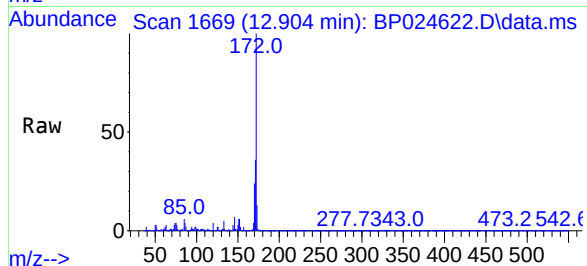
#45
2-Fluorobiphenyl
Concen: 76.73 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

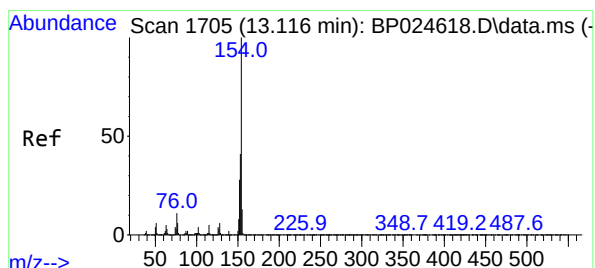
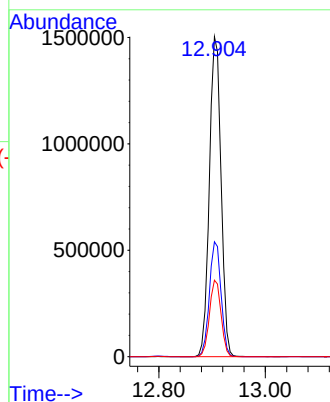


Tgt Ion:172 Resp: 2290715
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.9 18.8 28.2

Manual Integrations

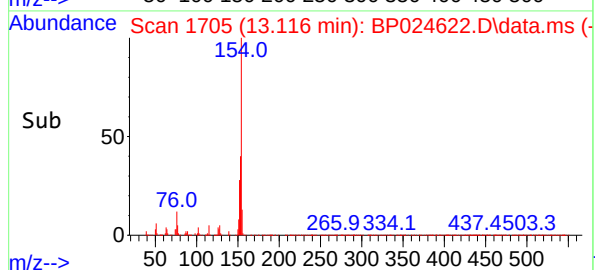
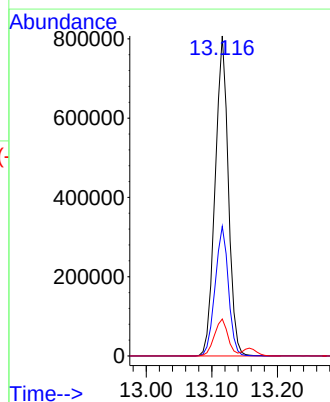
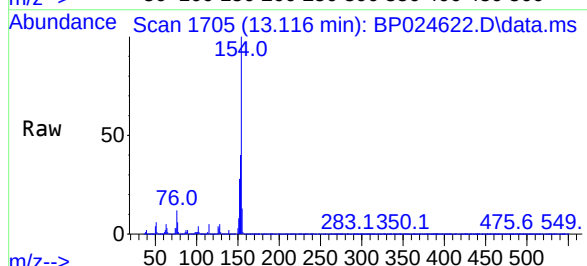
APPROVED

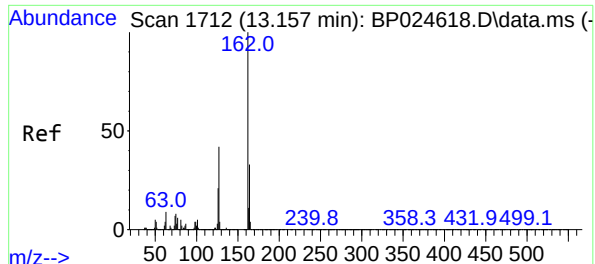
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#46
1,1'-Biphenyl
Concen: 38.91 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:154 Resp: 1124669
Ion Ratio Lower Upper
154 100
153 40.5 21.0 61.0
76 11.5 0.0 31.5





#47
2-Chloronaphthalene
Concen: 39.24 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

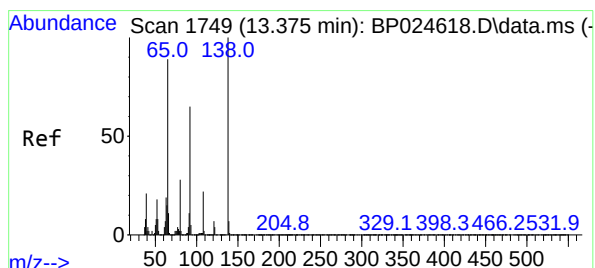
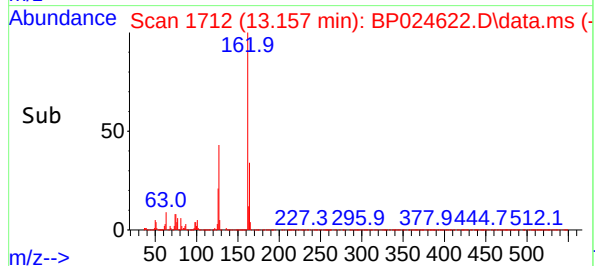
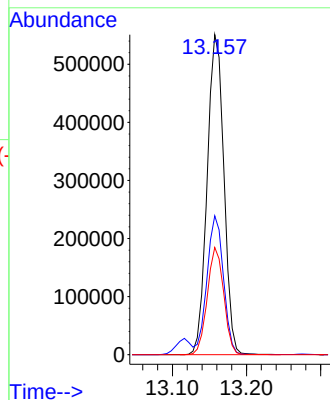
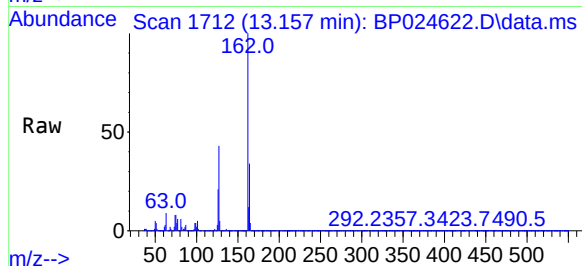
ICVBP051325

Tgt Ion:162 Resp: 86485
Ion Ratio Lower Upper
162 100
127 43.4 33.8 50.6
164 33.5 26.0 39.0

Manual Integrations

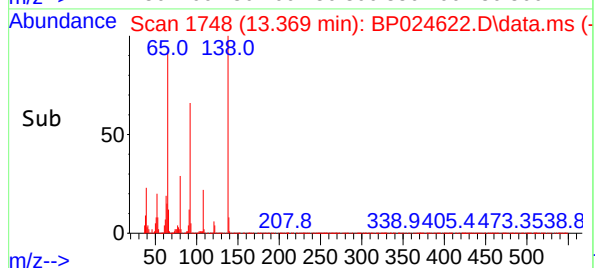
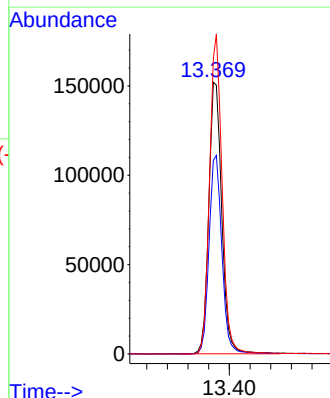
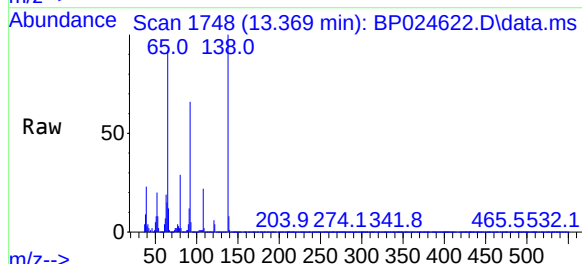
APPROVED

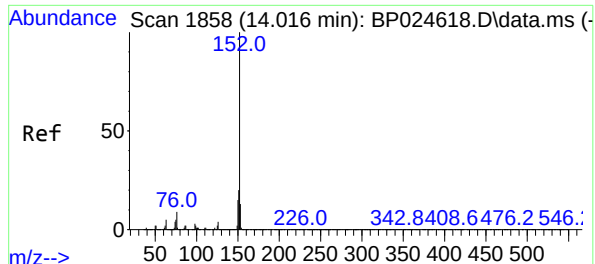
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#48
2-Nitroaniline
Concen: 40.60 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 65 Resp: 264965
Ion Ratio Lower Upper
65 100
92 71.2 58.7 88.1
138 108.5 90.2 135.2





#49

Acenaphthylene

Concen: 38.49 ng

RT: 14.010 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion:152 Resp: 141982

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

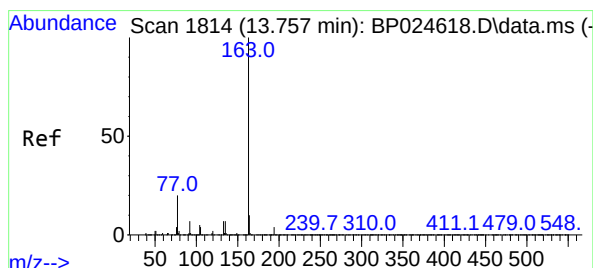
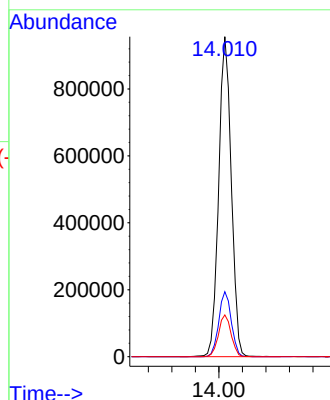
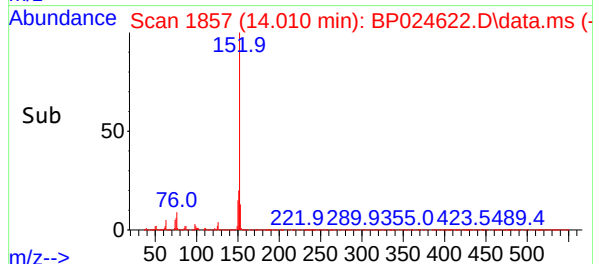
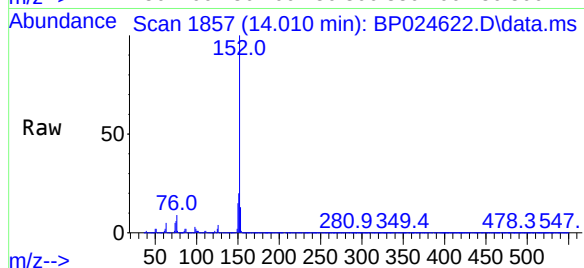
153 13.0 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#50

Dimethylphthalate

Concen: 38.75 ng

RT: 13.751 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

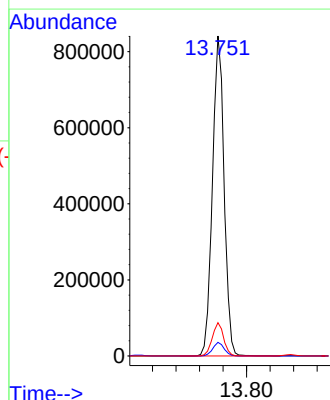
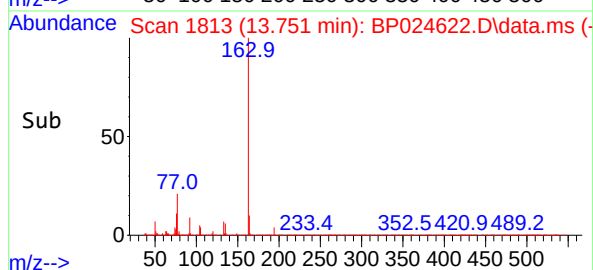
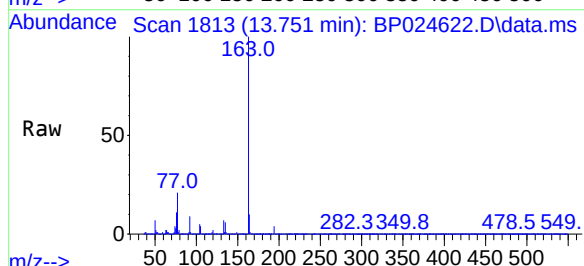
Tgt Ion:163 Resp: 1155211

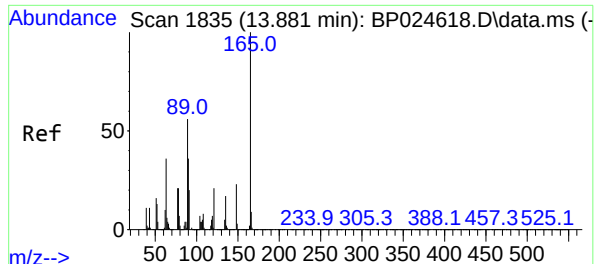
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.4 8.1 12.1





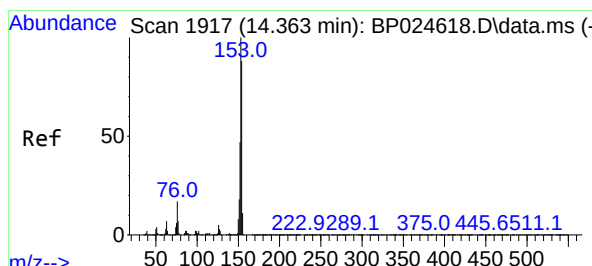
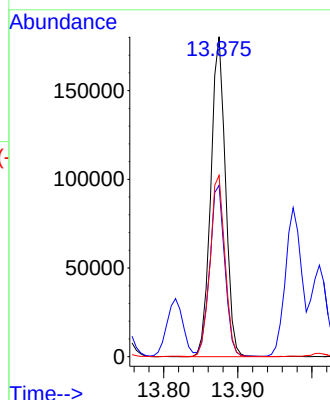
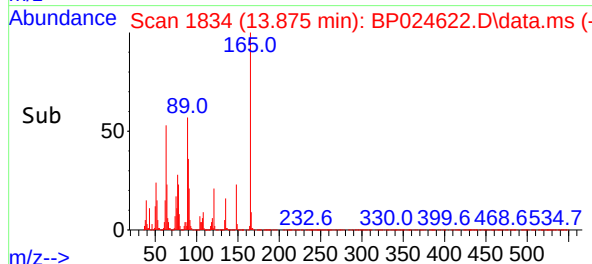
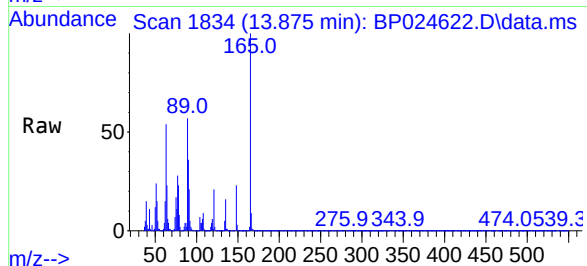
#51
2,6-Dinitrotoluene
Concen: 39.32 ng
RT: 13.875 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:165 Resp: 24753
Ion Ratio Lower Upper
165 100
63 53.5 42.4 63.6
89 56.6 44.8 67.2

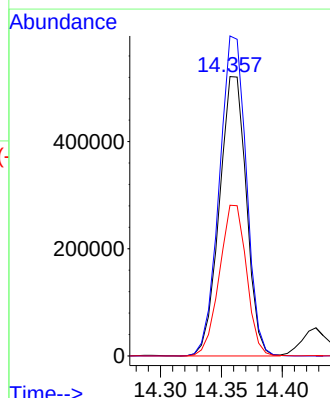
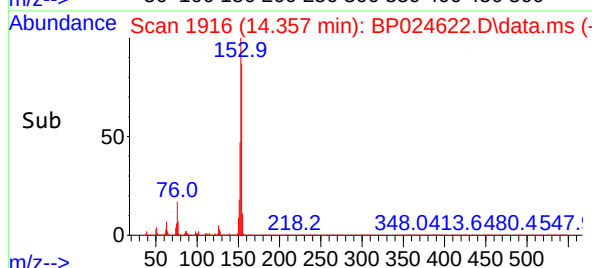
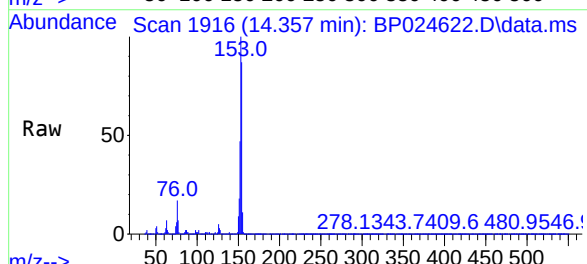
Manual Integrations
APPROVED

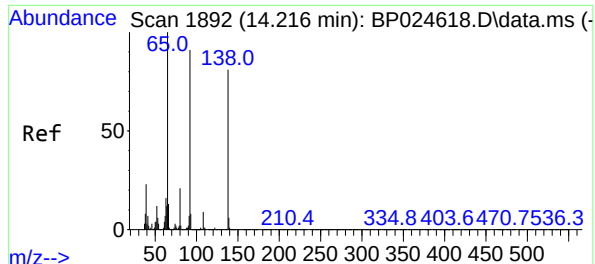
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#52
Acenaphthene
Concen: 37.90 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

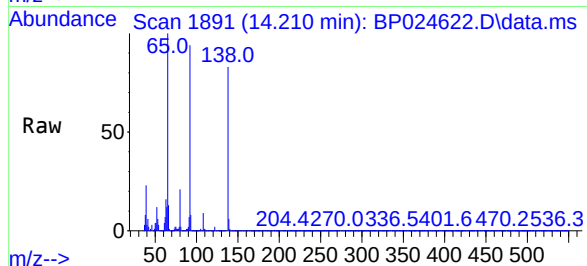
Tgt Ion:154 Resp: 803755
Ion Ratio Lower Upper
154 100
153 114.5 91.0 136.4
152 54.0 42.9 64.3





#53
3-Nitroaniline
Concen: 40.87 ng
RT: 14.210 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

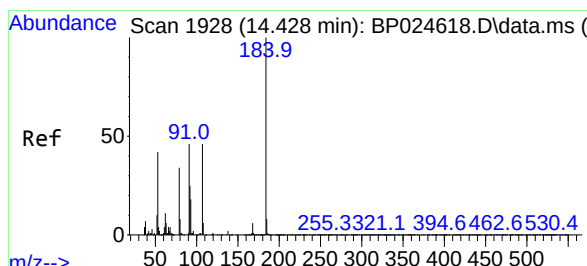
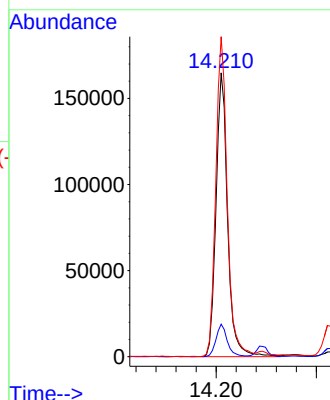
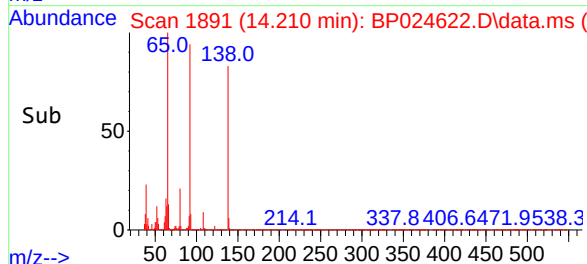
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:138 Resp: 26273
Ion Ratio Lower Upper
138 100
108 11.4 9.0 13.4
92 112.7 90.1 135.1

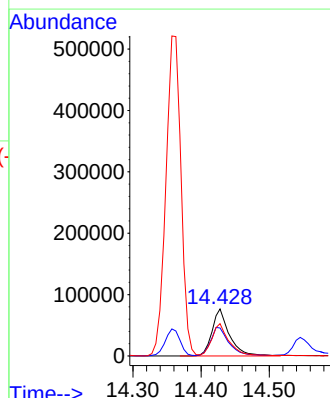
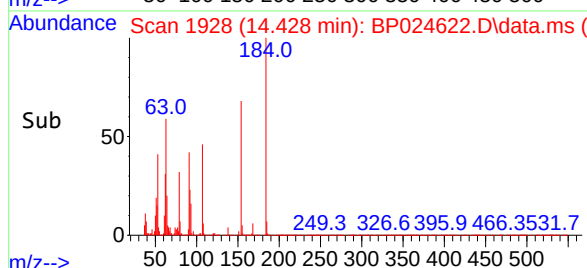
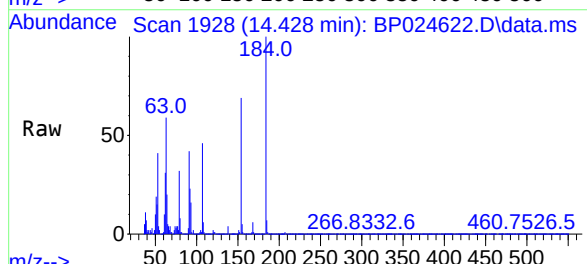
Manual Integrations
APPROVED

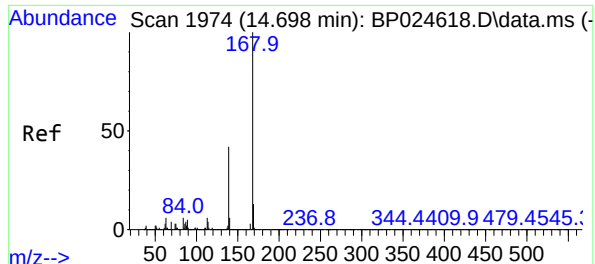
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#54
2,4-Dinitrophenol
Concen: 37.83 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

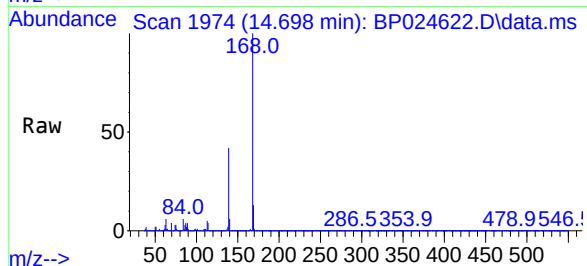
Tgt Ion:184 Resp: 135624
Ion Ratio Lower Upper
184 100
63 59.3 51.3 76.9
154 68.5 53.5 80.3





#55
Dibenzenofuran
Concen: 37.91 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

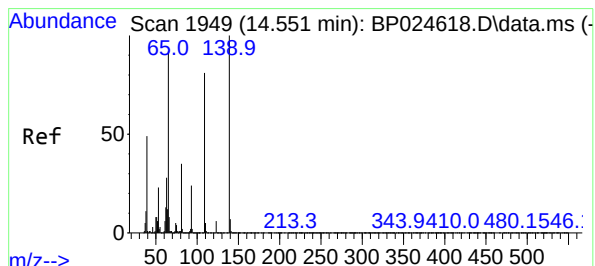
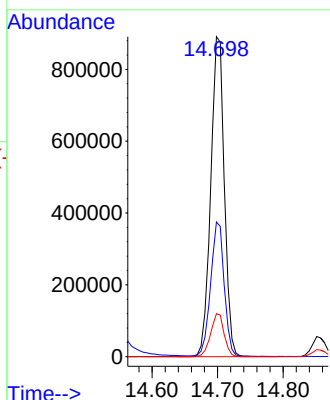
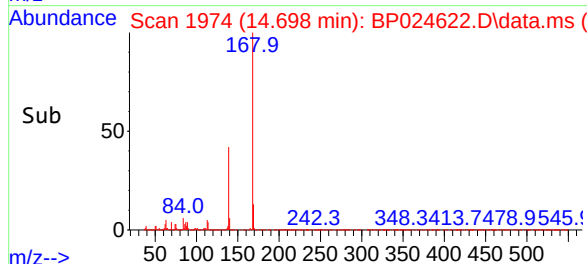
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



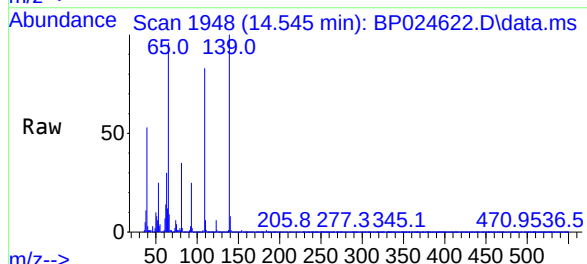
Tgt Ion:168 Resp: 1282228
Ion Ratio Lower Upper
168 100
139 42.1 34.2 51.4
169 13.5 10.8 16.2

Manual Integrations
APPROVED

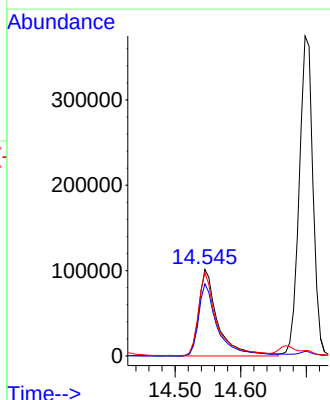
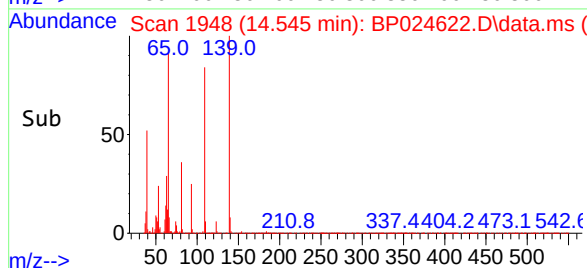
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

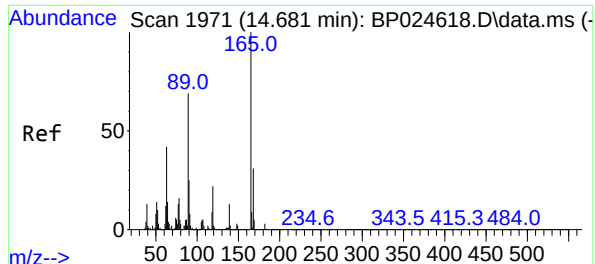


#56
4-Nitrophenol
Concen: 38.70 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



Tgt Ion:139 Resp: 202528
Ion Ratio Lower Upper
139 100
109 83.2 61.4 101.4
65 96.3 72.2 112.2





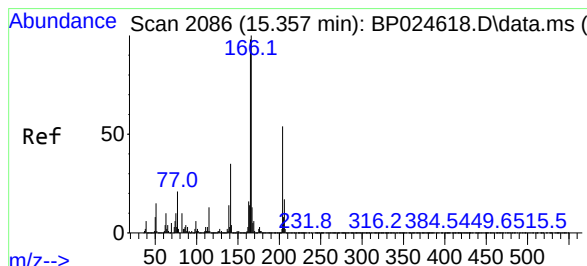
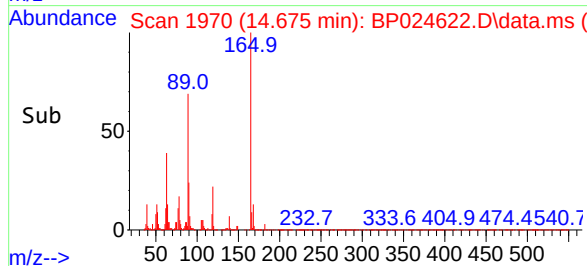
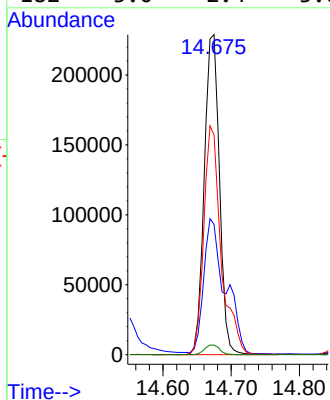
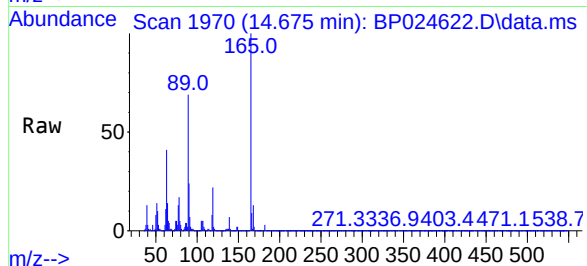
#57
2,4-Dinitrotoluene
Concen: 39.97 ng
RT: 14.675 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:165 Resp: 35481
Ion Ratio Lower Upper
165 100
63 40.7 33.8 50.6
89 68.7 55.6 83.4
182 3.0 2.4 3.6

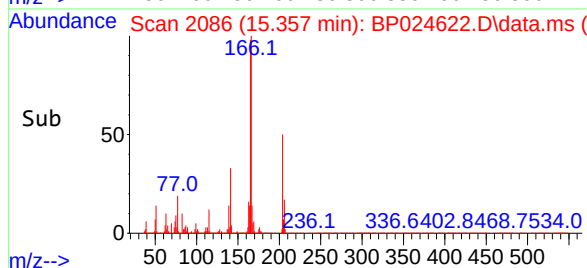
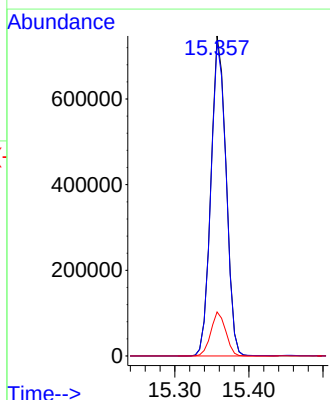
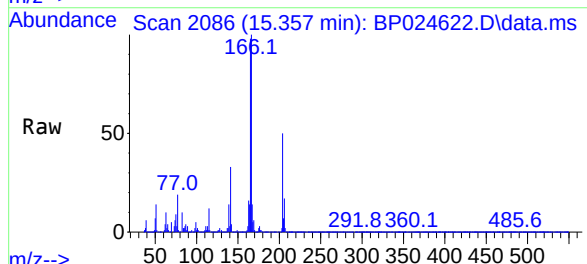
Manual Integrations
APPROVED

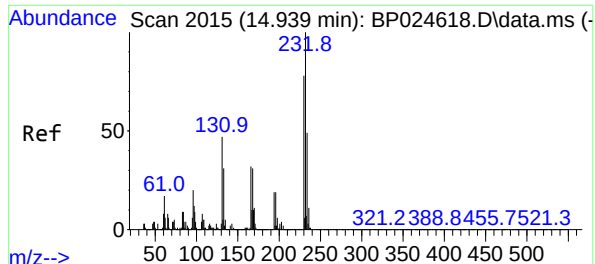
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#58
Fluorene
Concen: 38.42 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:166 Resp: 1059642
Ion Ratio Lower Upper
166 100
165 98.2 78.5 117.7
167 13.8 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.27 ng

RT: 14.934 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion:232 Resp: 29832

Ion Ratio Lower Upper

232 100

131 48.9 39.5 59.3

130 2.8 2.2 3.4

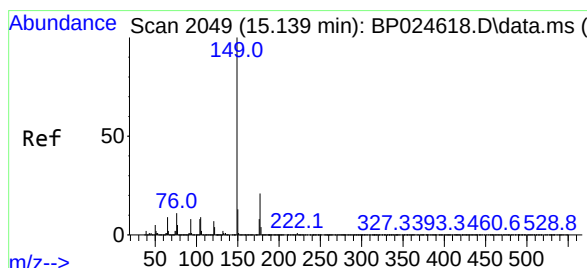
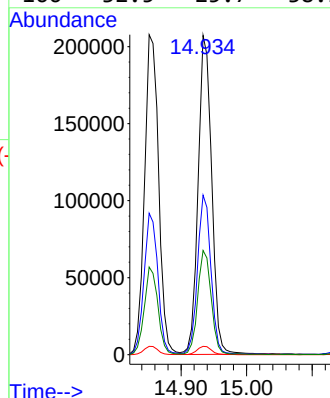
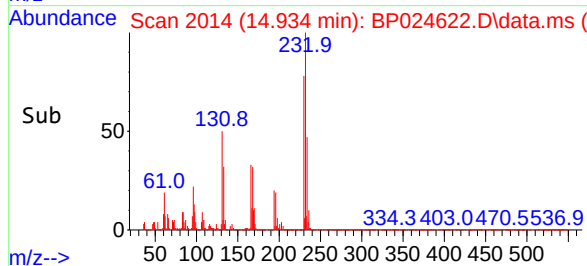
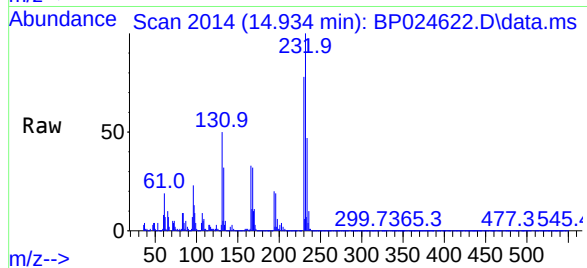
166 32.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#60

Diethylphthalate

Concen: 38.17 ng

RT: 15.134 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

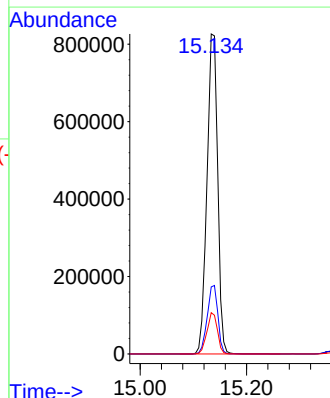
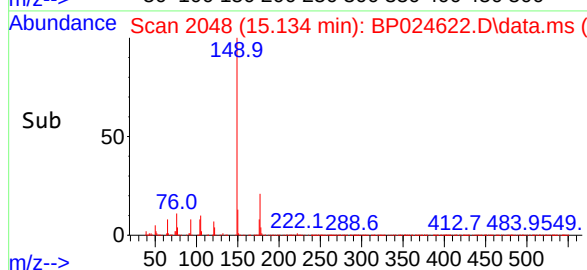
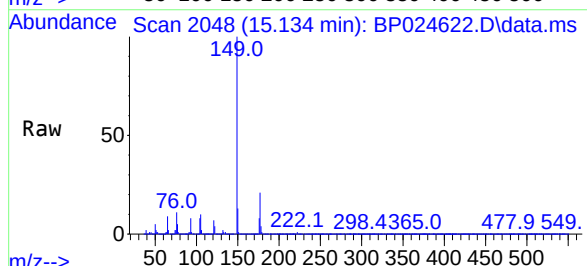
Tgt Ion:149 Resp: 1150091

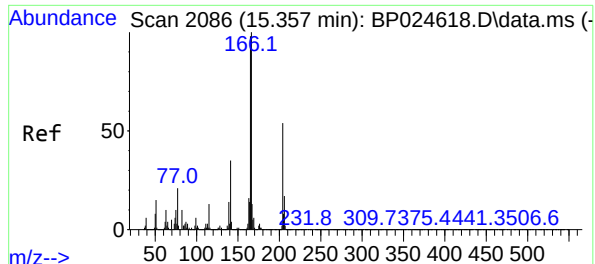
Ion Ratio Lower Upper

149 100

177 21.0 16.7 25.1

150 12.9 10.2 15.2





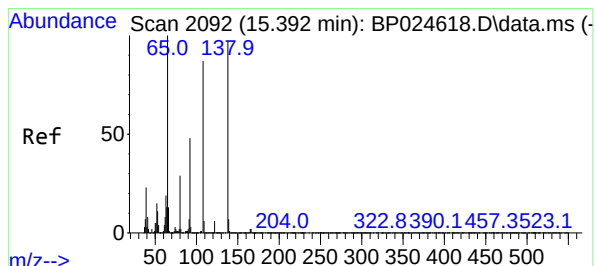
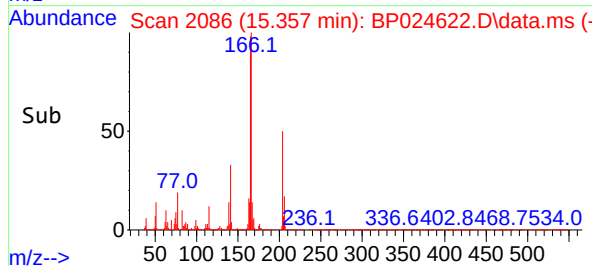
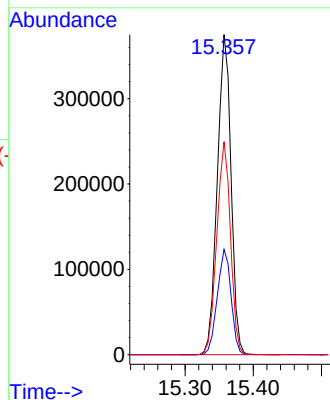
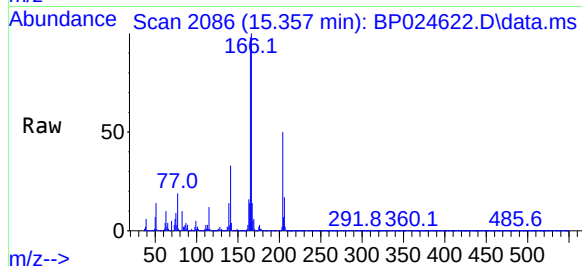
#61
4-Chlorophenyl-phenylether
Concen: 38.25 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:204 Resp: 526060
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 66.6 52.9 79.3

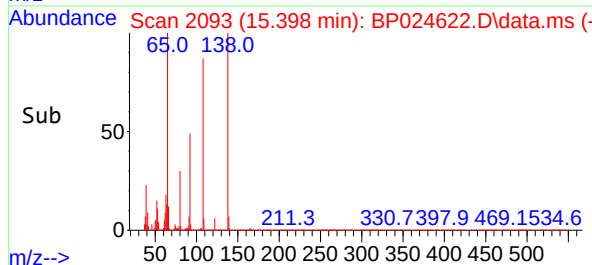
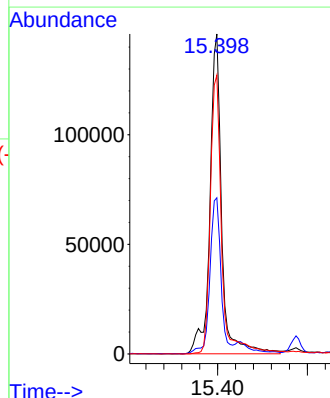
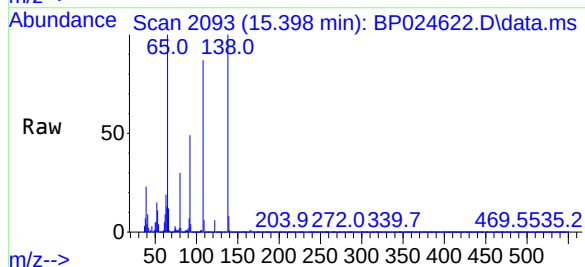
Manual Integrations
APPROVED

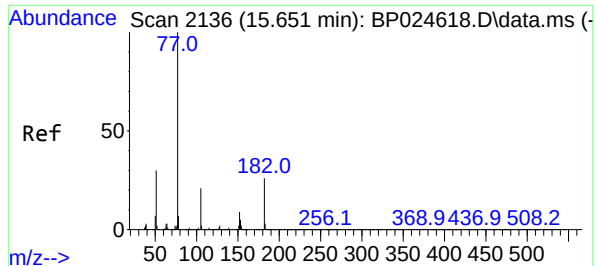
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#62
4-Nitroaniline
Concen: 42.72 ng
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

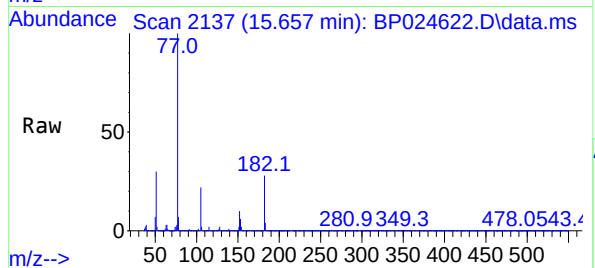
Tgt Ion:138 Resp: 265185
Ion Ratio Lower Upper
138 100
92 48.8 29.2 69.2
108 87.1 69.0 109.0





#63
Azobenzene
Concen: 38.82 ng
RT: 15.657 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

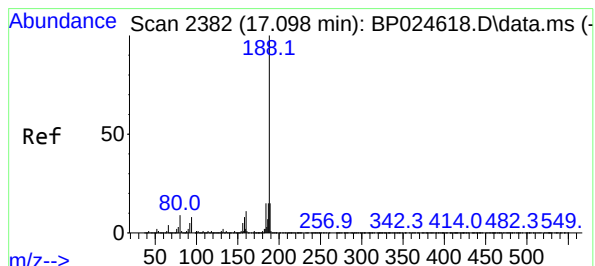
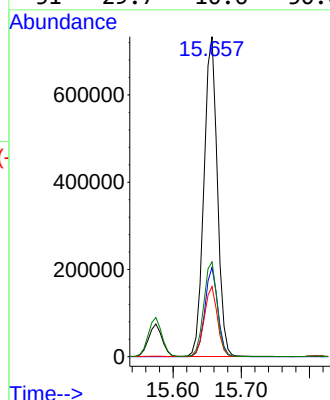
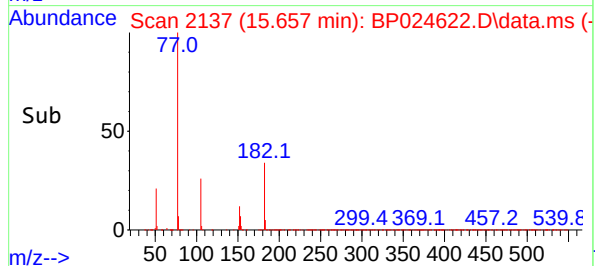
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion: 77 Resp: 100065
Ion Ratio Lower Upper
77 100
182 27.9 5.7 45.7
105 21.9 1.3 41.3
51 29.7 10.6 50.6

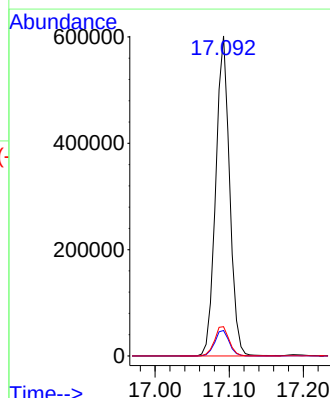
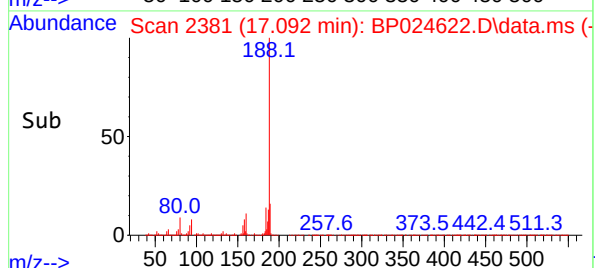
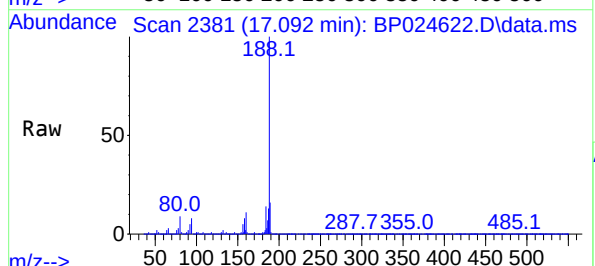
Manual Integrations
APPROVED

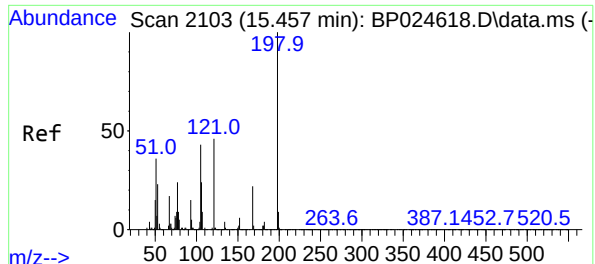
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:188 Resp: 780511
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 9.2 7.3 10.9





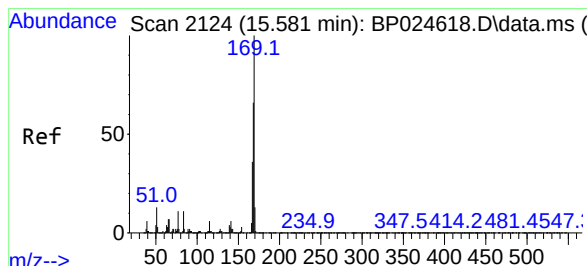
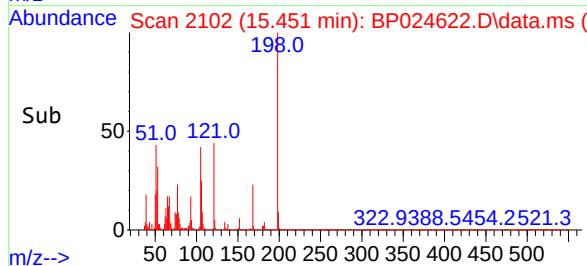
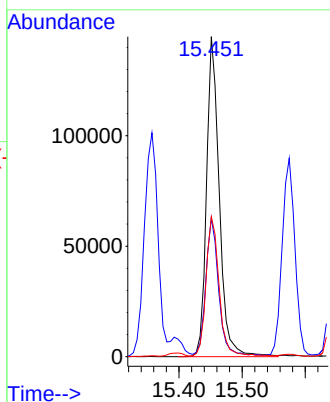
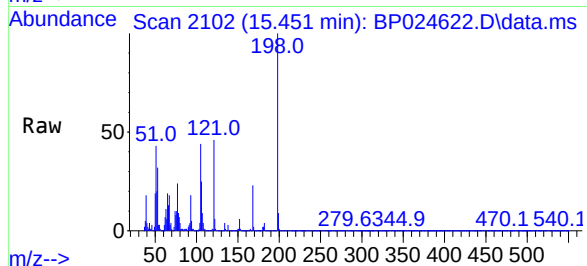
#65
4,6-Dinitro-2-methylphenol
Concen: 40.30 ng
RT: 15.451 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:198 Resp: 203200
Ion Ratio Lower Upper
198 100
51 43.2 21.1 61.1
105 43.8 23.6 63.6

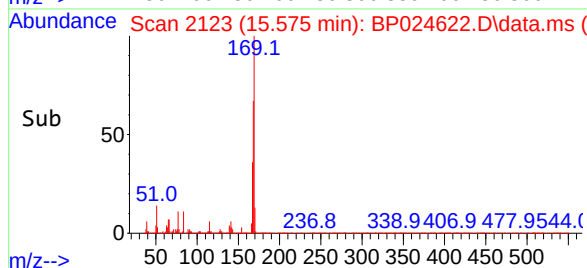
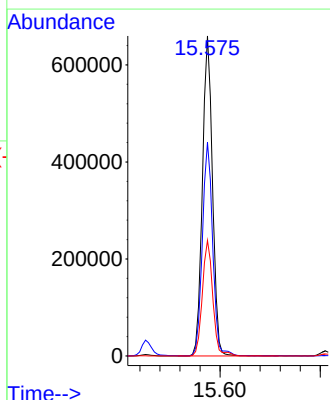
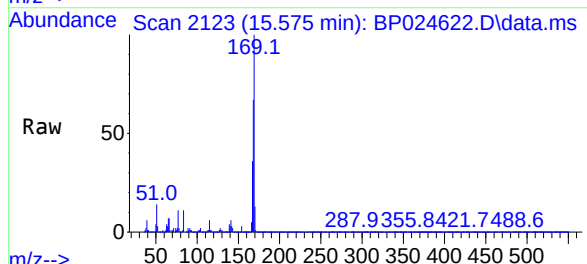
Manual Integrations
APPROVED

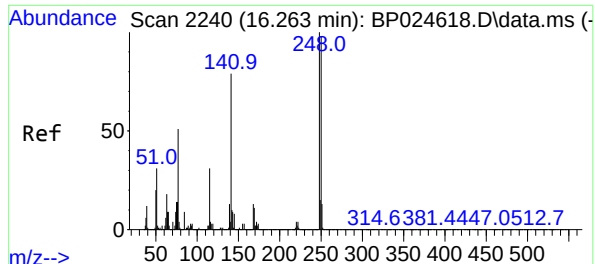
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#66
n-Nitrosodiphenylamine
Concen: 38.38 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

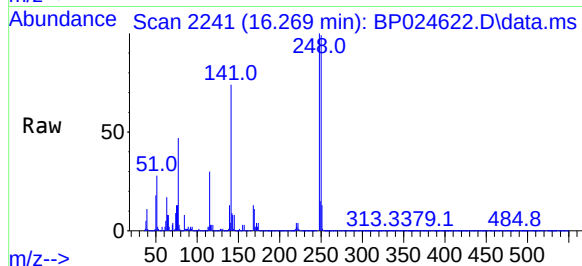
Tgt Ion:169 Resp: 920187
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.1 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 38.91 ng
RT: 16.269 min Scan# 2240
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

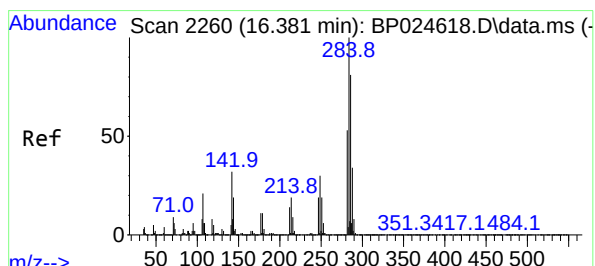
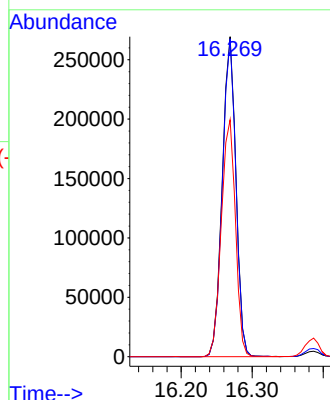
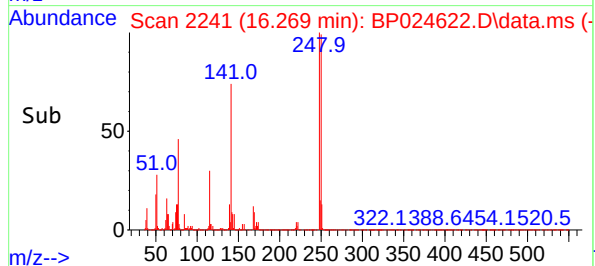
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



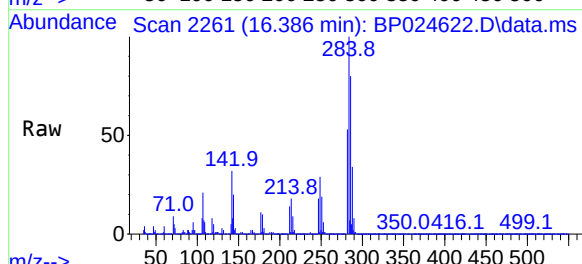
Tgt Ion:248 Resp: 357840
Ion Ratio Lower Upper
248 100
250 99.3 78.2 117.4
141 74.1 63.0 94.6

Manual Integrations
APPROVED

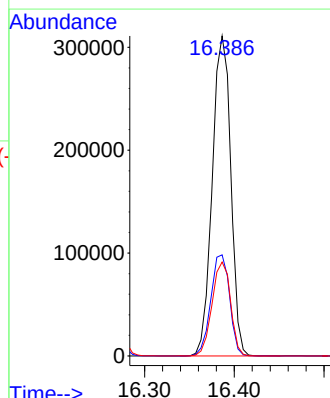
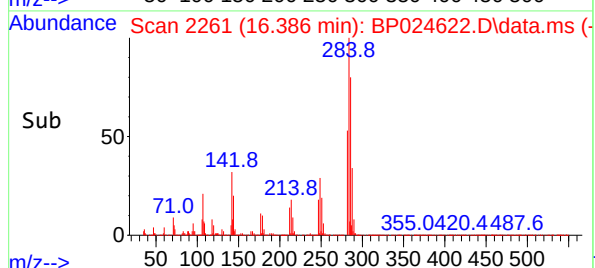
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

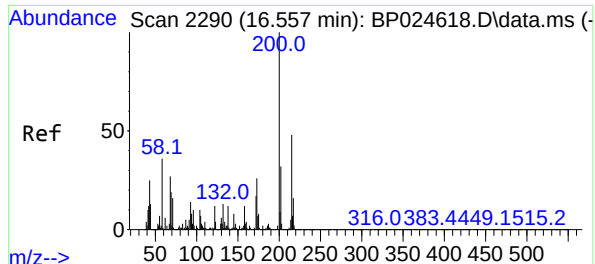


#68
Hexachlorobenzene
Concen: 38.18 ng
RT: 16.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01



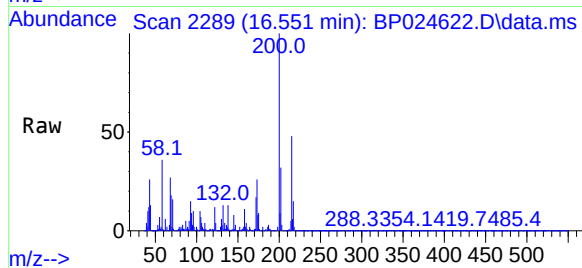
Tgt Ion:284 Resp: 446142
Ion Ratio Lower Upper
284 100
142 31.6 25.9 38.9
249 29.3 24.1 36.1





#69
Atrazine
Concen: 39.57 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

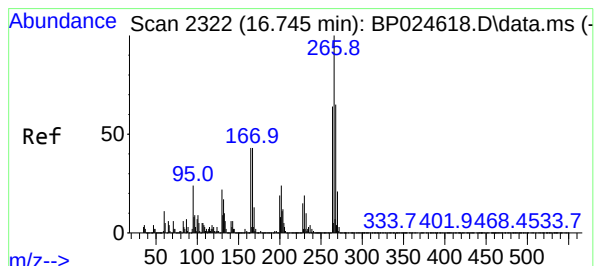
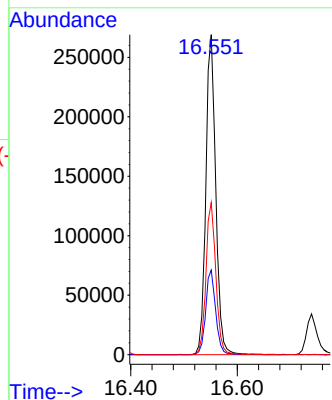
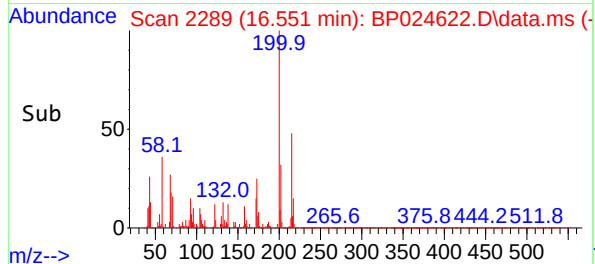
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:200 Resp: 34766
Ion Ratio Lower Upper
200 100
173 26.4 5.9 45.9
215 47.6 28.3 68.3

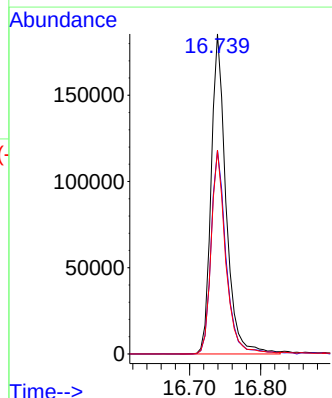
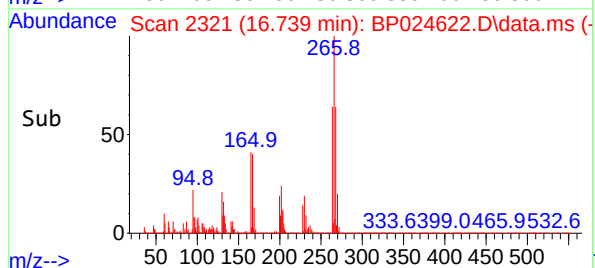
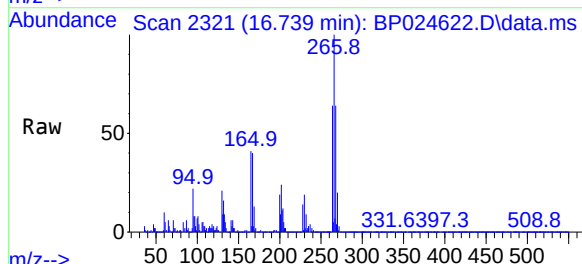
Manual Integrations
APPROVED

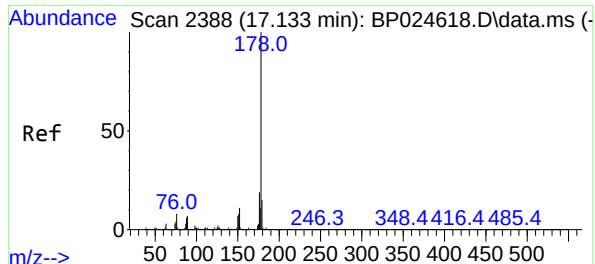
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#70
Pentachlorophenol
Concen: 41.12 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

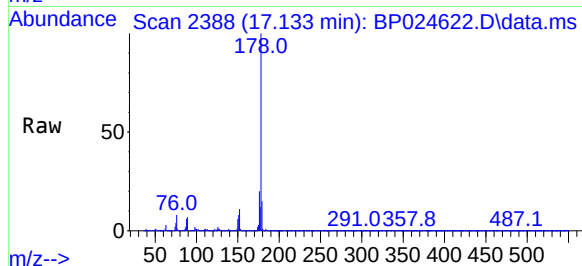
Tgt Ion:266 Resp: 269781
Ion Ratio Lower Upper
266 100
268 63.7 52.2 78.4
264 63.6 51.1 76.7





#71
Phenanthrene
Concen: 37.55 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

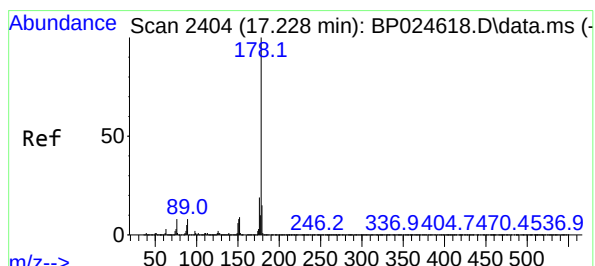
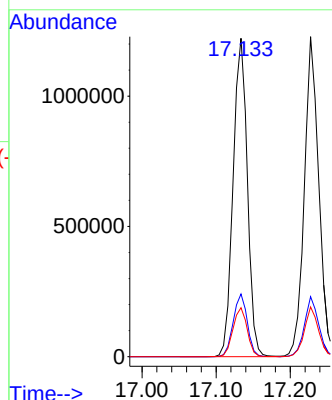
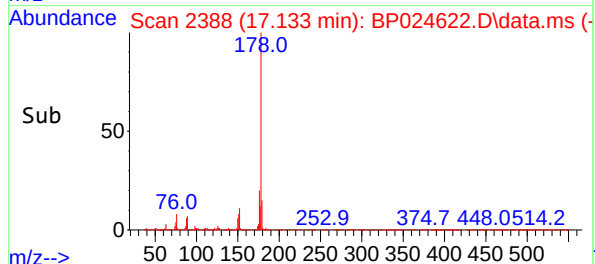
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:178 Resp: 1629118
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.4 12.2 18.4

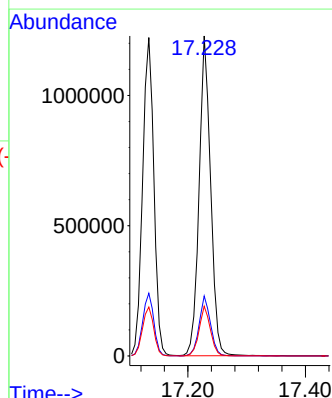
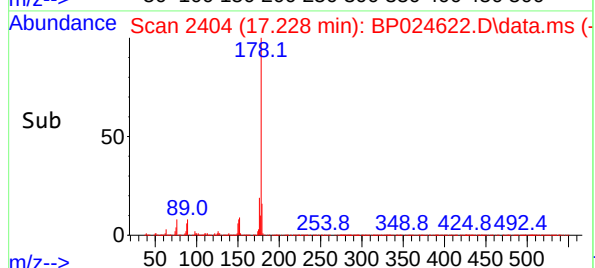
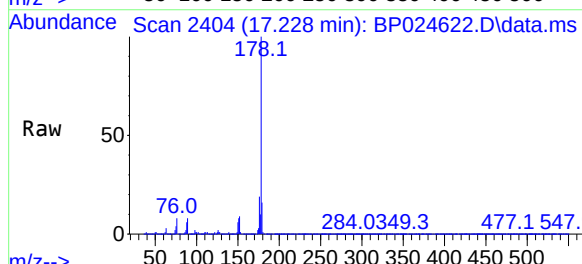
Manual Integrations
APPROVED

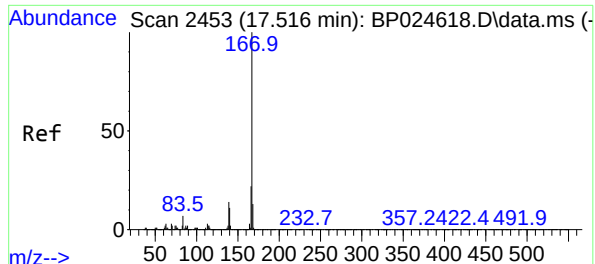
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#72
Anthracene
Concen: 38.24 ng
RT: 17.228 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

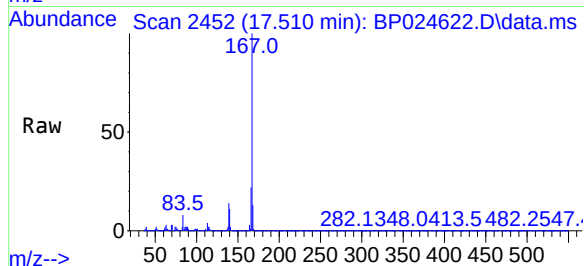
Tgt Ion:178 Resp: 1669395
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.5 12.2 18.2





#73
Carbazole
Concen: 39.57 ng
RT: 17.510 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

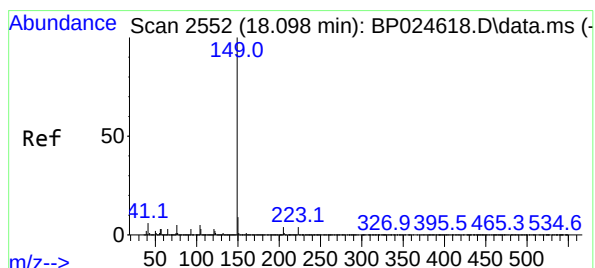
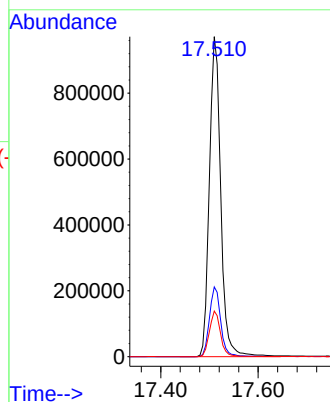
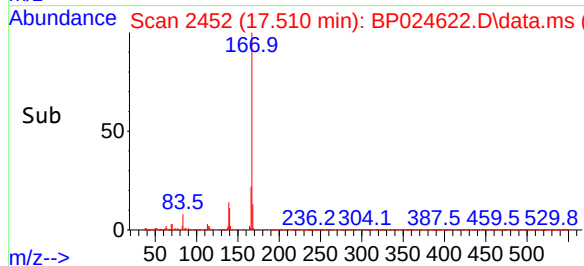
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:167 Resp: 156368
Ion Ratio Lower Upper
167 100
166 21.8 17.7 26.5
139 14.2 11.3 16.9

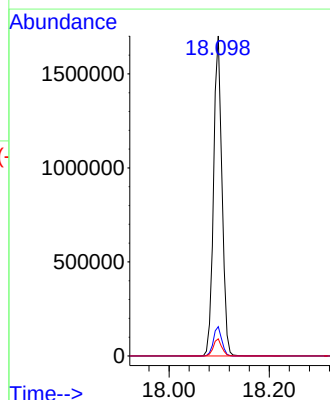
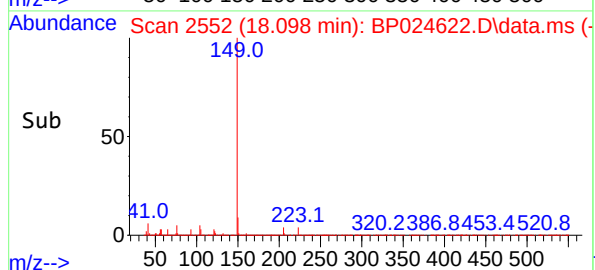
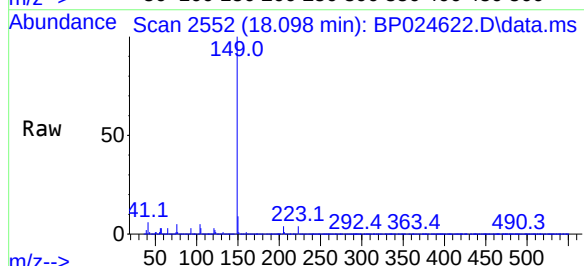
Manual Integrations
APPROVED

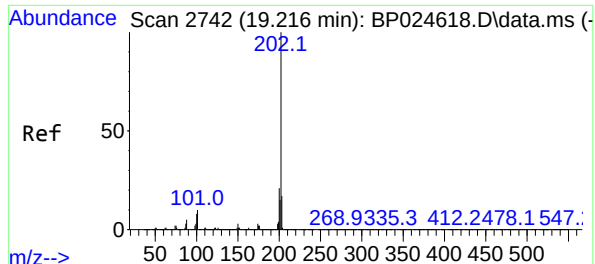
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#74
Di-n-butylphthalate
Concen: 38.94 ng
RT: 18.098 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

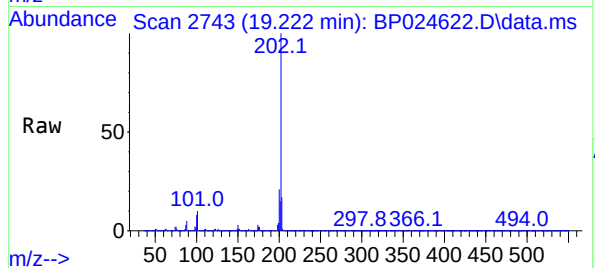
Tgt Ion:149 Resp: 1978741
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 38.57 ng
RT: 19.222 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

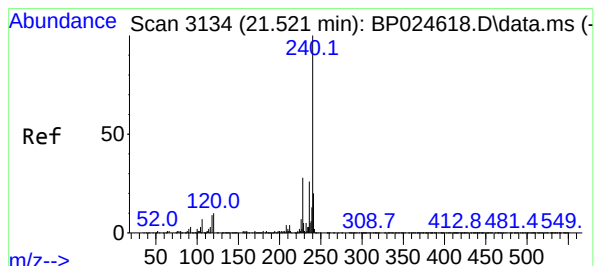
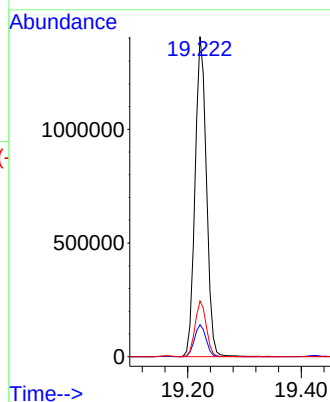
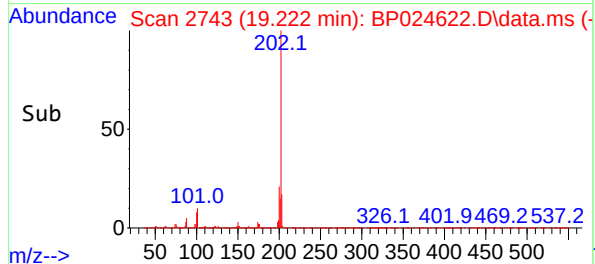
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:202 Resp: 195604
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.3
203 17.4 0.0 37.5

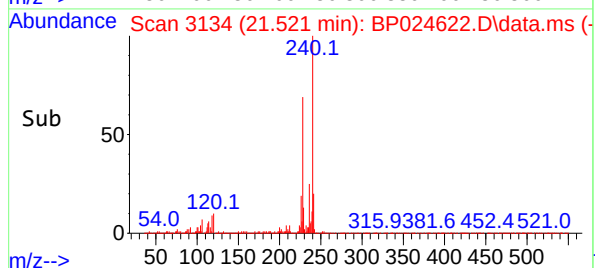
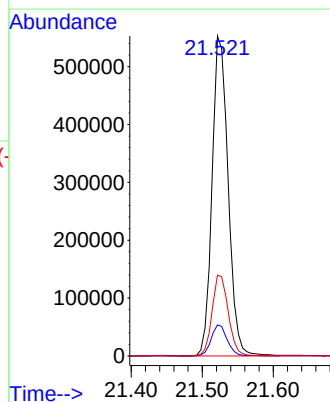
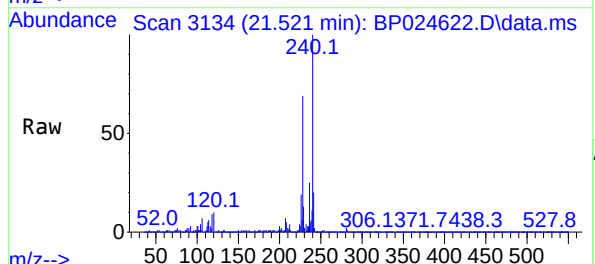
Manual Integrations
APPROVED

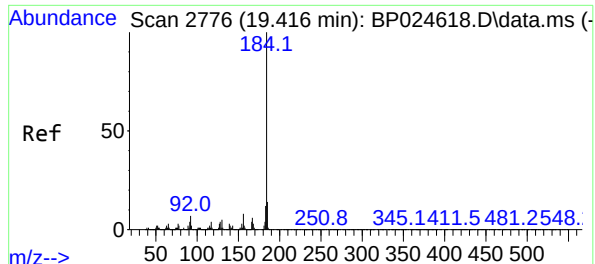
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:240 Resp: 868822
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 25.2 20.6 31.0





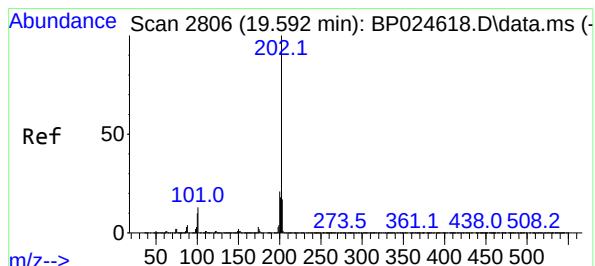
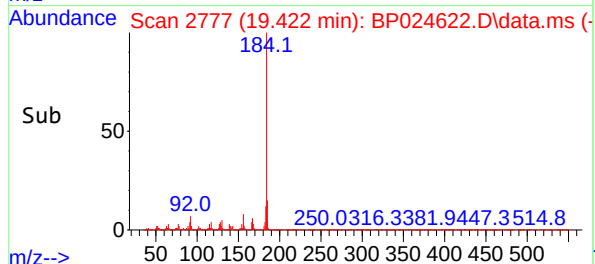
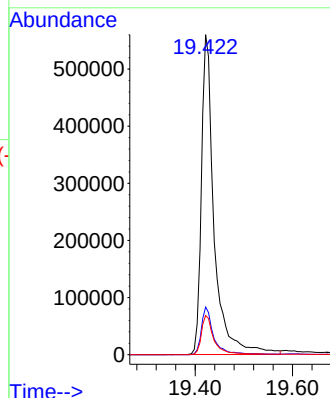
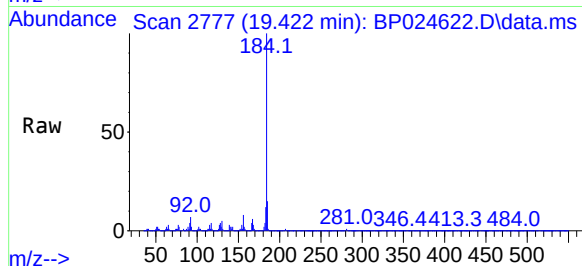
#77
Benzidine
Concen: 43.25 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Tgt Ion:184 Resp: 1023514
Ion Ratio Lower Upper
184 100
185 14.9 11.2 16.8
183 12.3 9.8 14.8

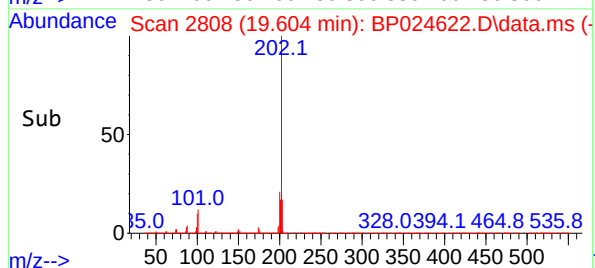
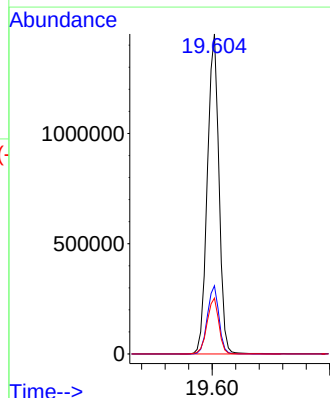
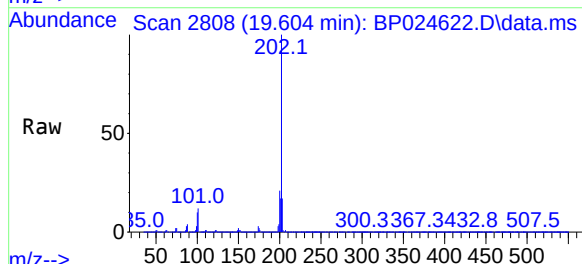
Manual Integrations
APPROVED

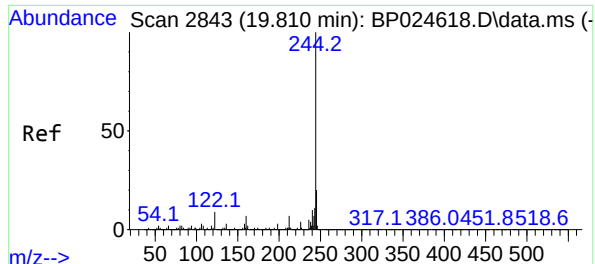
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#78
Pyrene
Concen: 38.28 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:202 Resp: 1992845
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.5 13.9 20.9





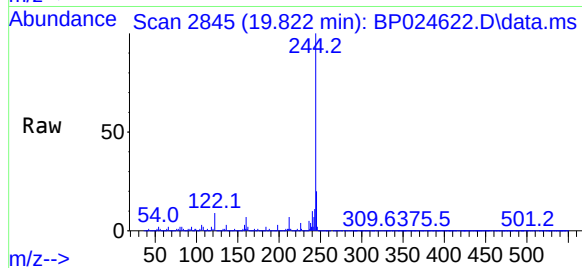
#79
Terphenyl-d14
Concen: 76.75 ng
RT: 19.822 min Scan# 2845
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

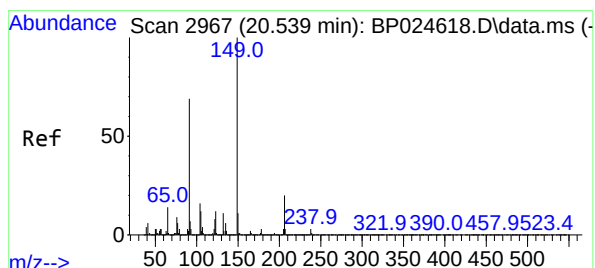
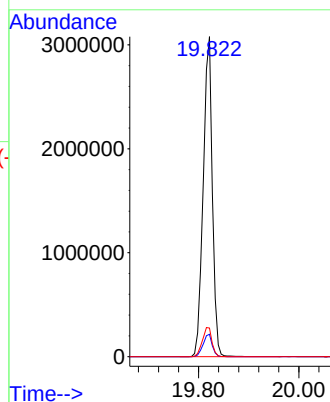
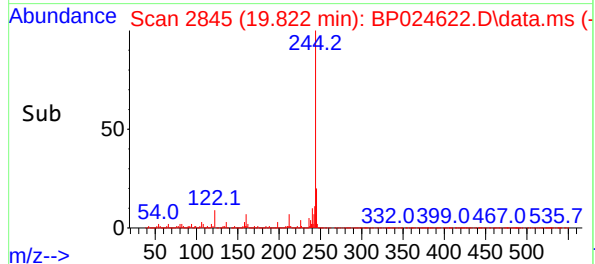


Tgt Ion:244 Resp: 388900
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 9.0 7.4 11.0

Manual Integrations

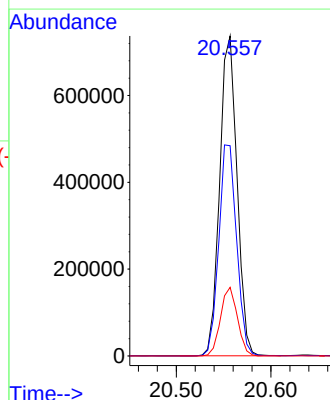
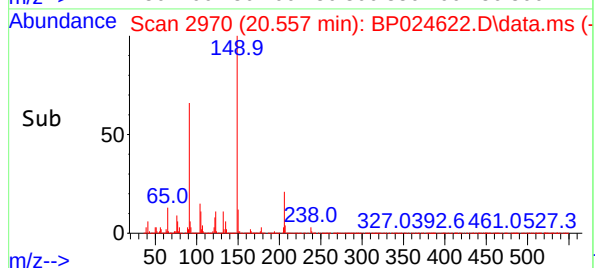
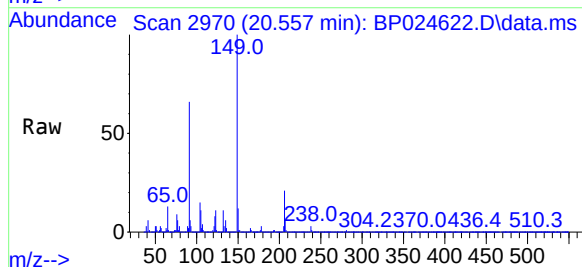
APPROVED

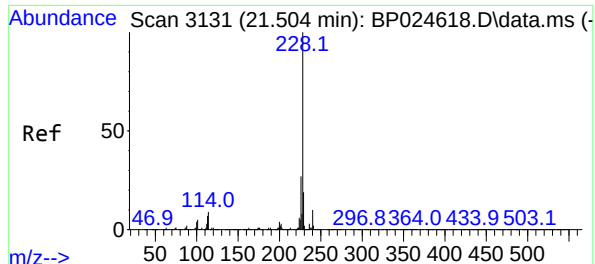
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#80
Butylbenzylphthalate
Concen: 40.52 ng
RT: 20.557 min Scan# 2970
Delta R.T. 0.018 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

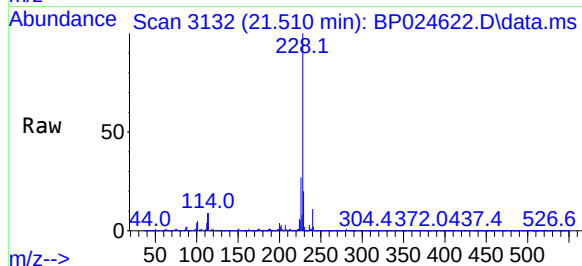
Tgt Ion:149 Resp: 938210
Ion Ratio Lower Upper
149 100
91 65.7 55.4 83.0
206 21.5 16.2 24.2





#81
Benzo(a)anthracene
Concen: 38.89 ng
RT: 21.510 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

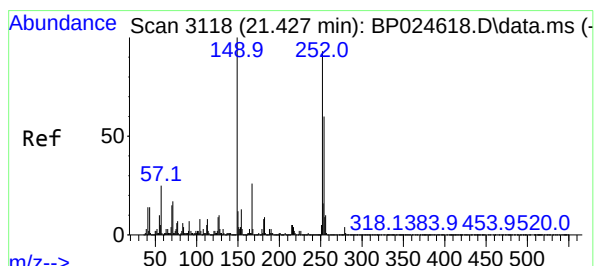
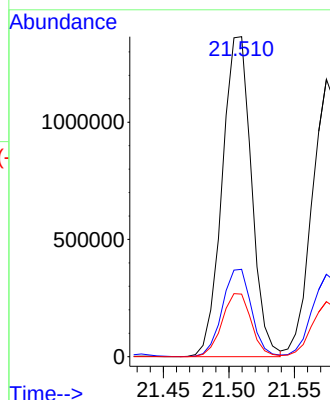
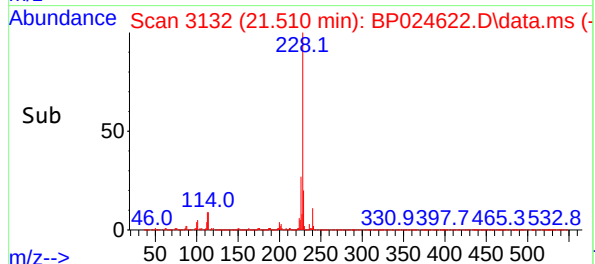
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:228 Resp: 212156
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 19.6 15.5 23.3

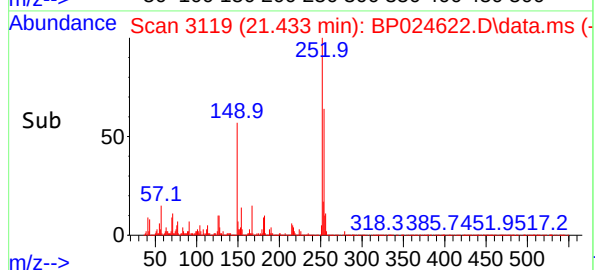
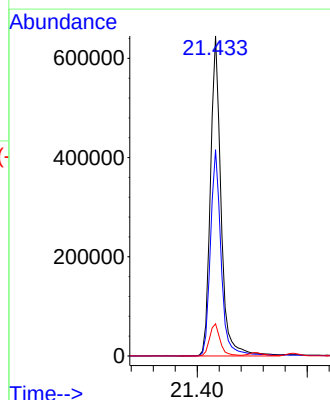
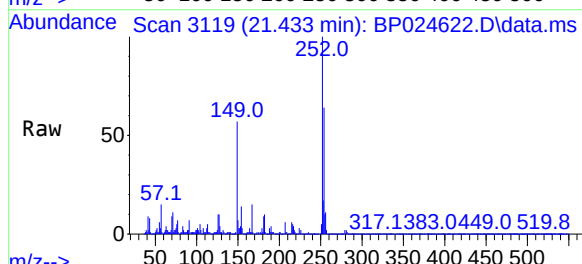
Manual Integrations
APPROVED

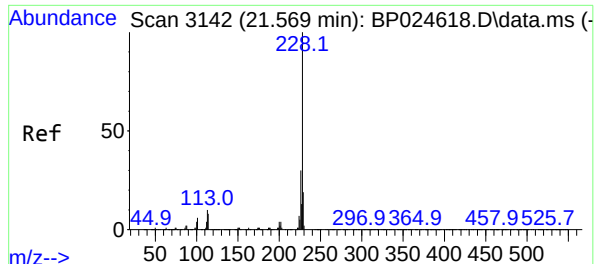
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 42.51 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:252 Resp: 861323
Ion Ratio Lower Upper
252 100
254 64.4 51.8 77.6
126 10.1 7.7 11.5





#83

Chrysene

Concen: 38.23 ng

RT: 21.574 min Scan# 3142

Delta R.T. 0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion:228 Resp: 1976940

Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

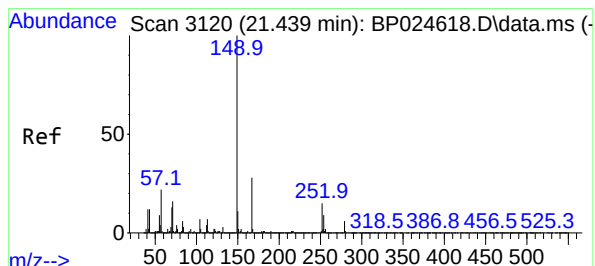
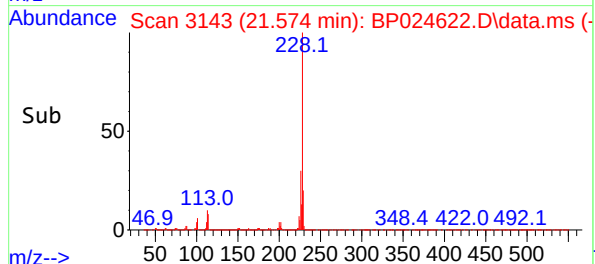
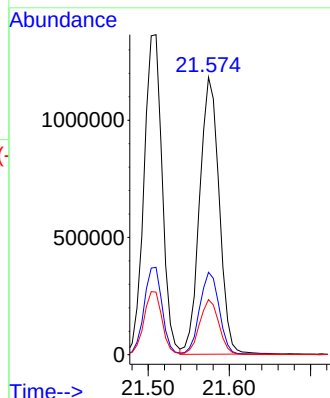
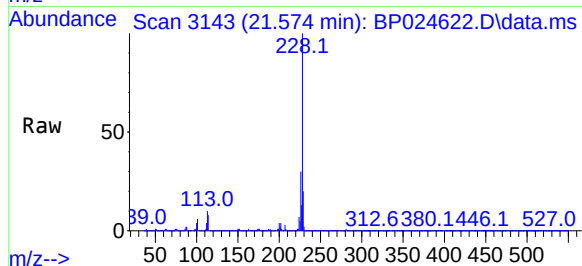
229 19.9 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.43 ng

RT: 21.445 min Scan# 3121

Delta R.T. 0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

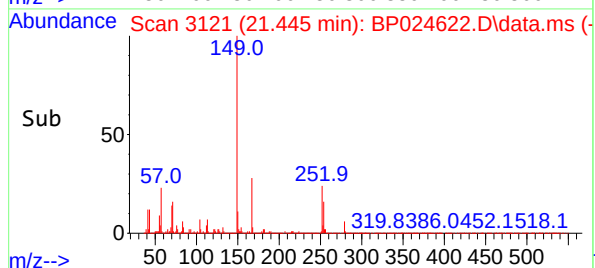
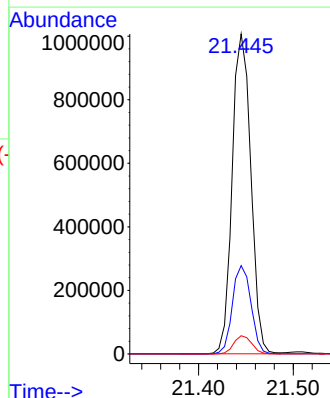
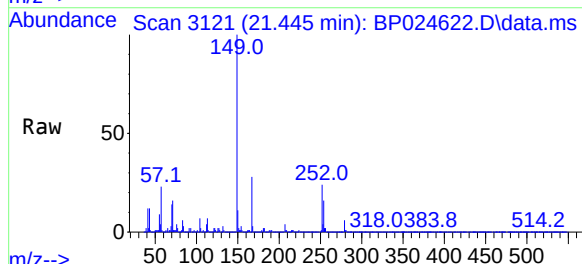
Tgt Ion:149 Resp: 1375919

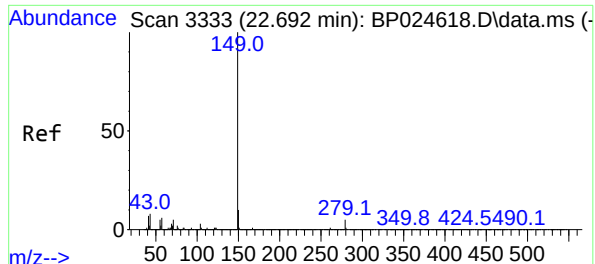
Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

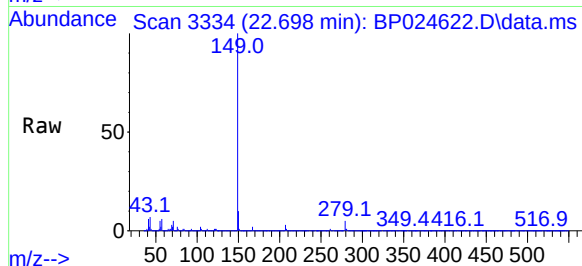
279 5.7 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 41.72 ng
RT: 22.698 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

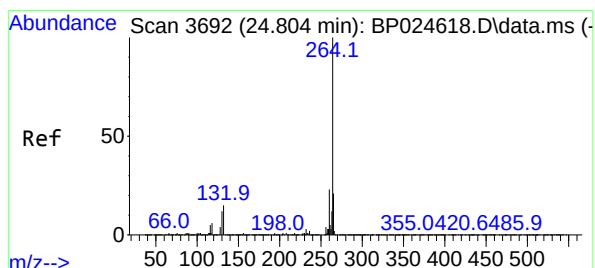
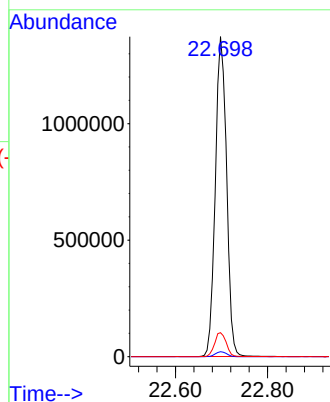
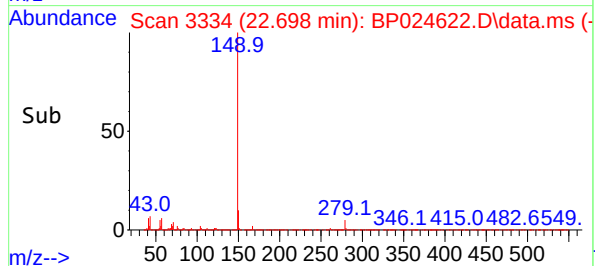
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:149 Resp: 232167
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.8 6.3 9.5

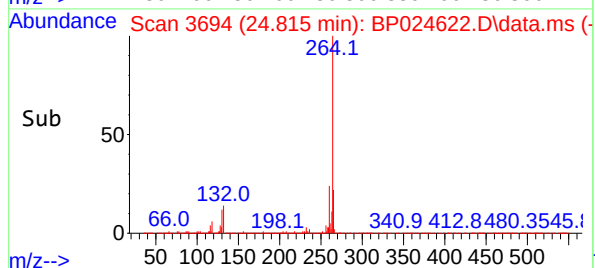
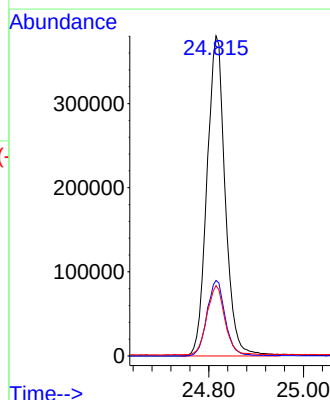
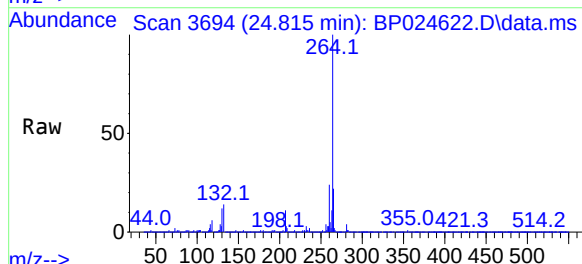
Manual Integrations
APPROVED

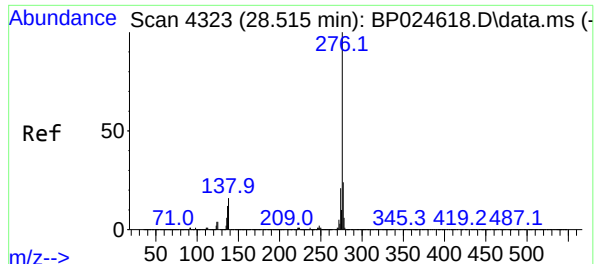
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.815 min Scan# 3694
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

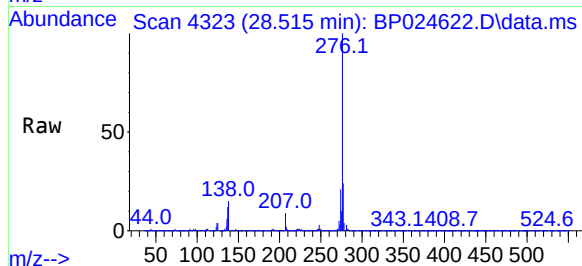
Tgt Ion:264 Resp: 1015341
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 22.0 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.85 ng m
RT: 28.515 min Scan# 4323
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

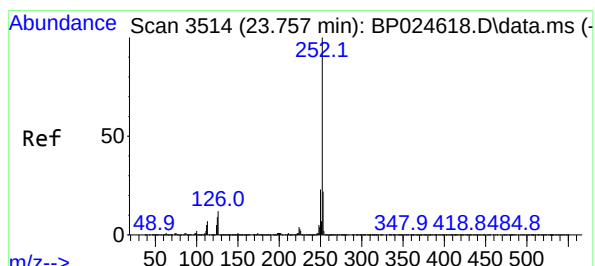
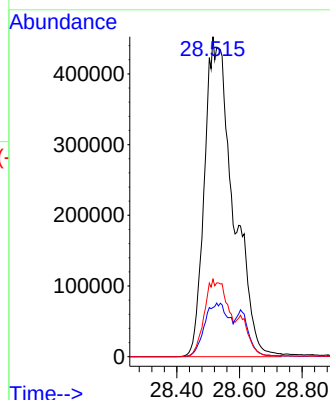
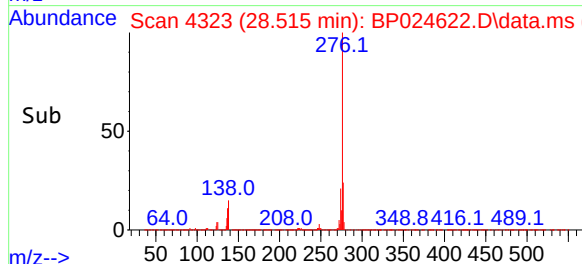
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:276 Resp: 2879864
Ion Ratio Lower Upper
276 100
138 14.2 11.2 16.8
277 10.6 15.7 23.5

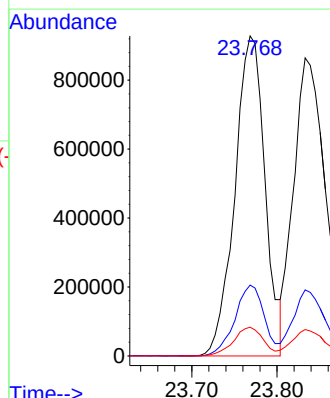
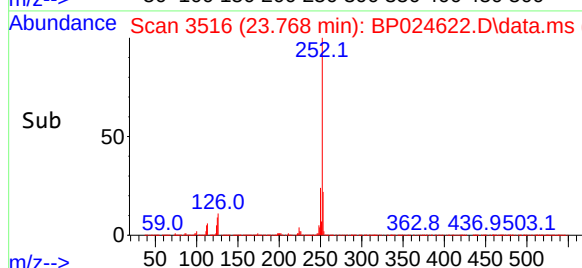
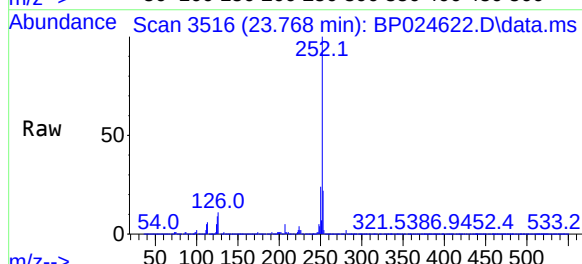
Manual Integrations
APPROVED

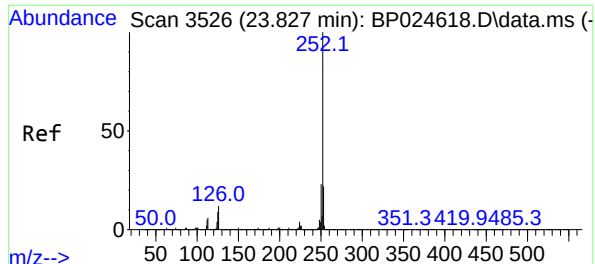
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#88
Benzo(b)fluoranthene
Concen: 39.29 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:252 Resp: 2283322
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.0 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 38.22 ng

RT: 23.833 min Scan# 3526

Delta R.T. 0.006 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

Instrument :

BNA_P

ClientSampleId :

ICVBP051325

Tgt Ion:252 Resp: 2289000

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

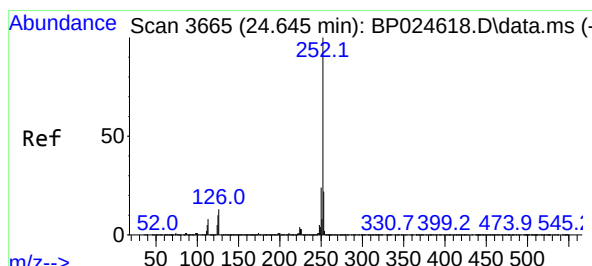
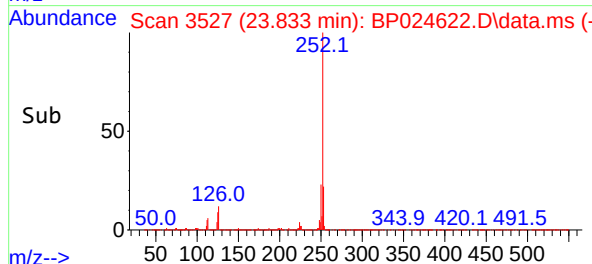
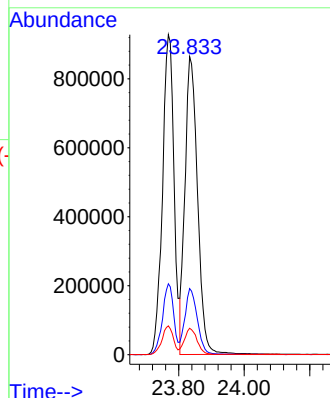
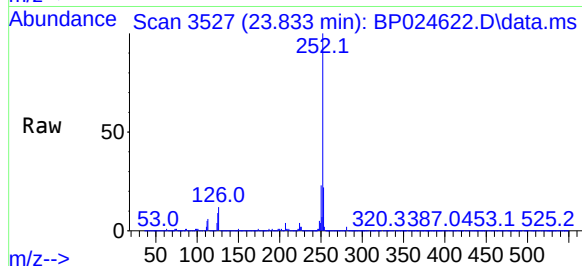
125 8.9 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/14/2025

Supervised By :Jagrut Upadhyay 05/14/2025



#90

Benzo(a)pyrene

Concen: 39.00 ng

RT: 24.668 min Scan# 3669

Delta R.T. 0.023 min

Lab File: BP024622.D

Acq: 13 May 2025 17:01

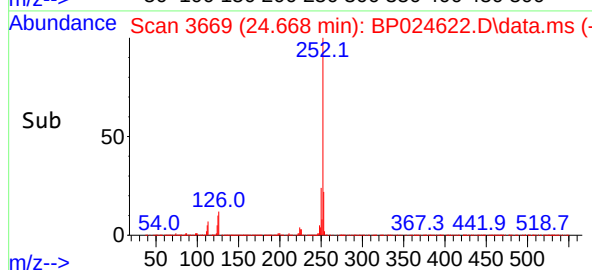
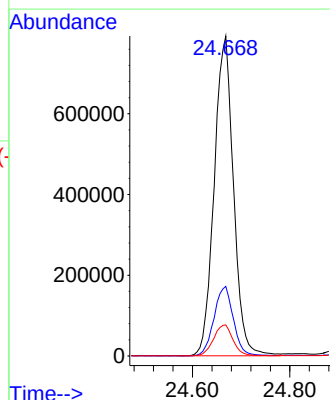
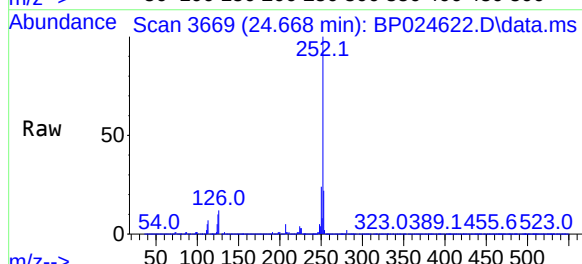
Tgt Ion:252 Resp: 2177020

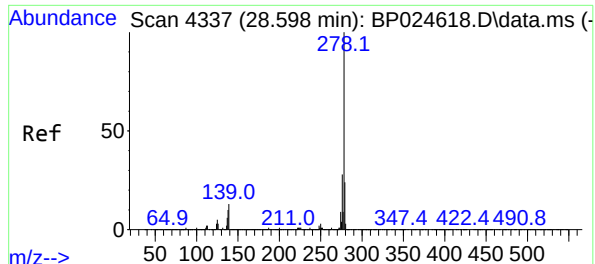
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

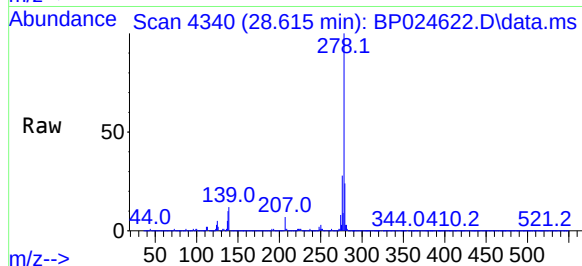
125 9.7 8.1 12.1





#91
Dibenzo(a,h)anthracene
Concen: 39.38 ng
RT: 28.615 min Scan# 41
Delta R.T. 0.018 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

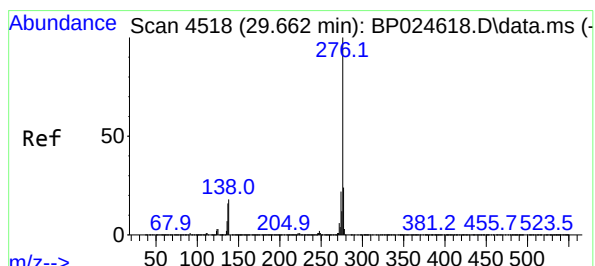
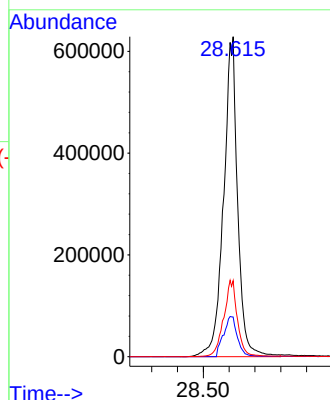
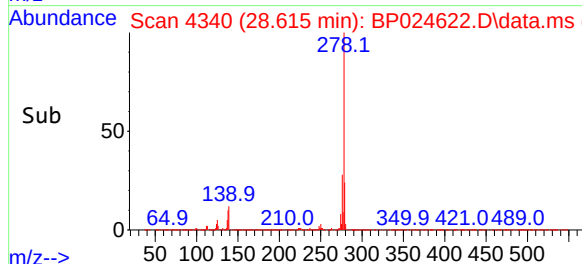
Instrument :
BNA_P
ClientSampleId :
ICVBP051325



Tgt Ion:278 Resp: 237455
Ion Ratio Lower Upper
278 100
139 12.4 10.2 15.4
279 23.8 19.0 28.4

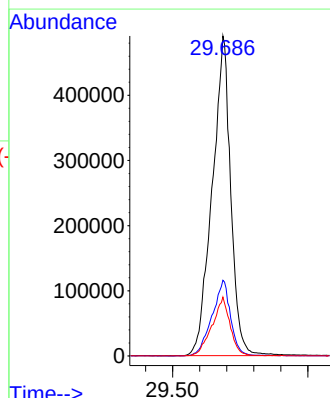
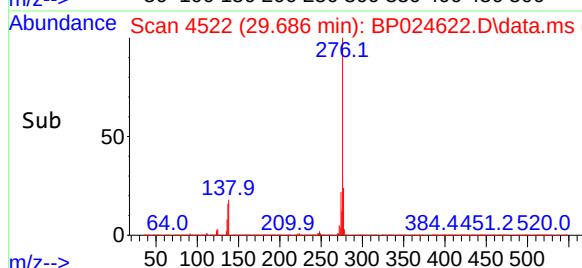
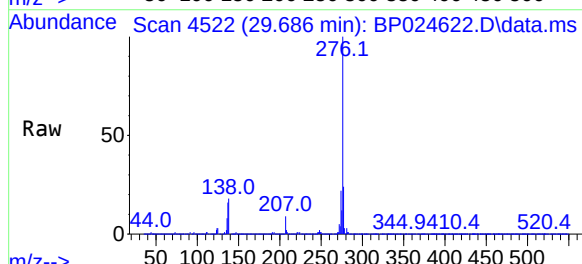
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#92
Benzo(g,h,i)perylene
Concen: 38.91 ng
RT: 29.686 min Scan# 4522
Delta R.T. 0.023 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:276 Resp: 2333151
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 18.4 14.4 21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024622.D
 Acq On : 13 May 2025 17:01
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP051325

Quant Time: May 13 18:01:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 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	119	0.00
2	1,4-Dioxane	0.549	0.505	8.0	119	0.00
3	Pyridine	1.218	1.203	1.2	120	0.00
4	n-Nitrosodimethylamine	0.538	0.510	5.2	118	0.00
5 S	2-Fluorophenol	1.169	1.139	2.6	123	0.00
6	Aniline	1.927	1.889	2.0	118	0.00
7 S	Phenol-d6	1.492	1.475	1.1	120	0.00
8	2-Chlorophenol	1.327	1.306	1.6	120	0.00
9	Benzaldehyde	0.966	0.943	2.4	118	0.00
10 C	Phenol	1.540	1.505	2.3	119	0.00
11	bis(2-Chloroethyl)ether	1.266	1.200	5.2	118	0.00
12	1,3-Dichlorobenzene	1.527	1.447	5.2	120	0.00
13 C	1,4-Dichlorobenzene	1.536	1.456	5.2	118	0.00
14	1,2-Dichlorobenzene	1.497	1.418	5.3	119	0.00
15	Benzyl Alcohol	1.134	1.149	-1.3	119	0.00
16	2,2'-oxybis(1-Chloropropane	1.516	1.441	4.9	117	0.00
17	2-Methylphenol	1.105	1.094	1.0	119	0.00
18	Hexachloroethane	0.589	0.548	7.0	119	0.00
19 P	n-Nitroso-di-n-propylamine	1.032	1.011	2.0	115	0.00
20	3+4-Methylphenols	1.503	1.486	1.1	117	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	115	0.00
22	Acetophenone	0.500	0.480	4.0	115	0.00
23 S	Nitrobenzene-d5	0.396	0.387	2.3	116	0.00
24	Nitrobenzene	0.348	0.335	3.7	115	0.00
25	Isophorone	0.687	0.661	3.8	113	0.00
26 C	2-Nitrophenol	0.171	0.175	-2.3	118	0.00
27	2,4-Dimethylphenol	0.301	0.297	1.3	115	0.00
28	bis(2-Chloroethoxy)methane	0.410	0.397	3.2	115	0.00
29 C	2,4-Dichlorophenol	0.292	0.293	-0.3	116	0.00
30	1,2,4-Trichlorobenzene	0.329	0.313	4.9	118	0.00
31	Naphthalene	1.036	0.986	4.8	116	0.00
32	Benzoic acid	0.181	0.180	0.6	108	0.00
33	4-Chloroaniline	0.418	0.422	-1.0	116	0.00
34 C	Hexachlorobutadiene	0.213	0.198	7.0	115	0.00
35	Caprolactam	0.106	0.105	0.9	110	0.00
36 C	4-Chloro-3-methylphenol	0.356	0.347	2.5	112	0.00
37	2-Methylnaphthalene	0.671	0.635	5.4	114	0.00
38	1-Methylnaphthalene	0.718	0.670	6.7	112	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	108	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.581	0.568	2.2	112	0.00
41 P	Hexachlorocyclopentadiene	0.352	0.391	-11.1	118	0.00
42 S	2,4,6-Tribromophenol	0.339	0.333	1.8	111	0.00
43 C	2,4,6-Trichlorophenol	0.376	0.391	-4.0	114	0.00
44	2,4,5-Trichlorophenol	0.419	0.430	-2.6	115	0.00
45 S	2-Fluorobiphenyl	1.527	1.464	4.1	110	0.00
46	1,1'-Biphenyl	1.478	1.438	2.7	112	0.00
47	2-Chloronaphthalene	1.127	1.106	1.9	112	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024622.D
 Acq On : 13 May 2025 17:01
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP051325

Quant Time: May 13 18:01:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 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	0.334	0.339	-1.5	109	0.00
49	Acenaphthylene	1.886	1.815	3.8	109	0.00
50	Dimethylphthalate	1.524	1.477	3.1	110	0.00
51	2,6-Dinitrotoluene	0.322	0.316	1.9	109	0.00
52 C	Acenaphthene	1.084	1.028	5.2	108	0.00
53	3-Nitroaniline	0.329	0.336	-2.1	107	0.00
54 P	2,4-Dinitrophenol	0.169	0.173	-2.4	109	0.00
55	Dibenzofuran	1.730	1.639	5.3	108	0.00
56 P	4-Nitrophenol	0.250	0.259	-3.6	109	0.00
57	2,4-Dinitrotoluene	0.454	0.454	0.0	108	0.00
58	Fluorene	1.410	1.355	3.9	109	0.00
59	2,3,4,6-Tetrachlorophenol	0.388	0.381	1.8	109	0.00
60	Diethylphthalate	1.541	1.470	4.6	110	0.00
61	4-Chlorophenyl-phenylether	0.703	0.673	4.3	111	0.00
62	4-Nitroaniline	0.317	0.339	-6.9	111	0.00
63	Azobenzene	1.318	1.279	3.0	110	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	109	0.00
65	4,6-Dinitro-2-methylphenol	0.129	0.130	-0.8	110	0.00
66 c	n-Nitrosodiphenylamine	0.614	0.589	4.1	108	0.00
67	4-Bromophenyl-phenylether	0.236	0.229	3.0	111	0.00
68	Hexachlorobenzene	0.299	0.286	4.3	110	0.00
69	Atrazine	0.225	0.223	0.9	111	0.00
70 C	Pentachlorophenol	0.168	0.173	-3.0	109	0.00
71	Phenanthrene	1.112	1.044	6.1	108	0.00
72	Anthracene	1.119	1.069	4.5	108	0.00
73	Carbazole	1.012	1.002	1.0	109	0.00
74	Di-n-butylphthalate	1.302	1.268	2.6	109	0.00
75 C	Fluoranthene	1.300	1.253	3.6	109	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	107	0.00
77	Benzidine	0.545	0.589	-8.1	113	0.00
78	Pyrene	1.198	1.147	4.3	107	0.01
79 S	Terphenyl-d14	1.166	1.119	4.0	107	0.01
80	Butylbenzylphthalate	0.533	0.540	-1.3	110	0.02
81	Benzo(a)anthracene	1.256	1.221	2.8	108	0.00
82	3,3'-Dichlorobenzidine	0.466	0.496	-6.4	111	0.00
83	Chrysene	1.190	1.138	4.4	108	0.00
84	Bis(2-ethylhexyl)phthalate	0.783	0.792	-1.1	111	0.00
85 c	Di-n-octyl phthalate	1.281	1.336	-4.3	112	0.00
86 I	Perylene-d12	1.000	1.000	0.0	109	0.01
87	Indeno(1,2,3-cd)pyrene	1.460	1.418	2.9	109	0.00
88	Benzo(b)fluoranthene	1.145	1.124	1.8	111	0.01
89	Benzo(k)fluoranthene	1.180	1.127	4.5	108	0.00
90 C	Benzo(a)pyrene	1.099	1.072	2.5	110	0.02
91	Dibenzo(a,h)anthracene	1.188	1.169	1.6	109	0.02
92	Benzo(g,h,i)perylene	1.181	1.149	2.7	109	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024622.D
 Acq On : 13 May 2025 17:01
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP051325

Quant Time: May 13 18:01:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 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	119	0.00
2	1,4-Dioxane	40.000	36.789	8.0	119	0.00
3	Pyridine	40.000	39.526	1.2	120	0.00
4	n-Nitrosodimethylamine	40.000	37.979	5.1	118	0.00
5 S	2-Fluorophenol	80.000	77.955	2.6	123	0.00
6	Aniline	40.000	39.210	2.0	118	0.00
7 S	Phenol-d6	80.000	79.089	1.1	120	0.00
8	2-Chlorophenol	40.000	39.367	1.6	120	0.00
9	Benzaldehyde	40.000	39.033	2.4	118	0.00
10 C	Phenol	40.000	39.089	2.3	119	0.00
11	bis(2-Chloroethyl)ether	40.000	37.938	5.2	118	0.00
12	1,3-Dichlorobenzene	40.000	37.893	5.3	120	0.00
13 C	1,4-Dichlorobenzene	40.000	37.904	5.2	118	0.00
14	1,2-Dichlorobenzene	40.000	37.896	5.3	119	0.00
15	Benzyl Alcohol	40.000	40.541	-1.4	119	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	38.037	4.9	117	0.00
17	2-Methylphenol	40.000	39.618	1.0	119	0.00
18	Hexachloroethane	40.000	37.211	7.0	119	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.165	2.1	115	0.00
20	3+4-Methylphenols	40.000	39.562	1.1	117	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	115	0.00
22	Acetophenone	40.000	38.468	3.8	115	0.00
23 S	Nitrobenzene-d5	80.000	78.227	2.2	116	0.00
24	Nitrobenzene	40.000	38.505	3.7	115	0.00
25	Isophorone	40.000	38.491	3.8	113	0.00
26 C	2-Nitrophenol	40.000	41.121	-2.8	118	0.00
27	2,4-Dimethylphenol	40.000	39.484	1.3	115	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.714	3.2	115	0.00
29 C	2,4-Dichlorophenol	40.000	40.189	-0.5	116	0.00
30	1,2,4-Trichlorobenzene	40.000	38.109	4.7	118	0.00
31	Naphthalene	40.000	38.069	4.8	116	0.00
32	Benzoic acid	40.000	36.464	8.8	108	0.00
33	4-Chloroaniline	40.000	40.368	-0.9	116	0.00
34 C	Hexachlorobutadiene	40.000	37.285	6.8	115	0.00
35	Caprolactam	40.000	39.752	0.6	110	0.00
36 C	4-Chloro-3-methylphenol	40.000	39.013	2.5	112	0.00
37	2-Methylnaphthalene	40.000	37.852	5.4	114	0.00
38	1-Methylnaphthalene	40.000	37.339	6.7	112	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	108	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	39.130	2.2	112	0.00
41 P	Hexachlorocyclopentadiene	40.000	44.371	-10.9	118	0.00
42 S	2,4,6-Tribromophenol	80.000	78.525	1.8	111	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.549	-3.9	114	0.00
44	2,4,5-Trichlorophenol	40.000	41.064	-2.7	115	0.00
45 S	2-Fluorobiphenyl	80.000	76.733	4.1	110	0.00
46	1,1'-Biphenyl	40.000	38.906	2.7	112	0.00
47	2-Chloronaphthalene	40.000	39.238	1.9	112	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024622.D
 Acq On : 13 May 2025 17:01
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP051325

Quant Time: May 13 18:01:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 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	40.604	-1.5	109	0.00
49	Acenaphthylene	40.000	38.493	3.8	109	0.00
50	Dimethylphthalate	40.000	38.751	3.1	110	0.00
51	2,6-Dinitrotoluene	40.000	39.317	1.7	109	0.00
52 C	Acenaphthene	40.000	37.904	5.2	108	0.00
53	3-Nitroaniline	40.000	40.871	-2.2	107	0.00
54 P	2,4-Dinitrophenol	40.000	37.829	5.4	109	0.00
55	Dibenzofuran	40.000	37.910	5.2	108	0.00
56 P	4-Nitrophenol	40.000	38.698	3.3	109	0.00
57	2,4-Dinitrotoluene	40.000	39.975	0.1	108	0.00
58	Fluorene	40.000	38.422	3.9	109	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.274	1.8	109	0.00
60	Diethylphthalate	40.000	38.171	4.6	110	0.00
61	4-Chlorophenyl-phenylether	40.000	38.249	4.4	111	0.00
62	4-Nitroaniline	40.000	42.722	-6.8	111	0.00
63	Azobenzene	40.000	38.822	2.9	110	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	109	0.00
65	4,6-Dinitro-2-methylphenol	40.000	40.305	-0.8	110	0.00
66 c	n-Nitrosodiphenylamine	40.000	38.382	4.0	108	0.00
67	4-Bromophenyl-phenylether	40.000	38.909	2.7	111	0.00
68	Hexachlorobenzene	40.000	38.175	4.6	110	0.00
69	Atrazine	40.000	39.570	1.1	111	0.00
70 C	Pentachlorophenol	40.000	41.124	-2.8	109	0.00
71	Phenanthrene	40.000	37.546	6.1	108	0.00
72	Anthracene	40.000	38.241	4.4	108	0.00
73	Carbazole	40.000	39.575	1.1	109	0.00
74	Di-n-butylphthalate	40.000	38.939	2.7	109	0.00
75 C	Fluoranthene	40.000	38.566	3.6	109	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	107	0.00
77	Benzydine	40.000	43.253	-8.1	113	0.00
78	Pyrene	40.000	38.281	4.3	107	0.01
79 S	Terphenyl-d14	80.000	76.753	4.1	107	0.01
80	Butylbenzylphthalate	40.000	40.523	-1.3	110	0.02
81	Benzo(a)anthracene	40.000	38.889	2.8	108	0.00
82	3,3'-Dichlorobenzidine	40.000	42.508	-6.3	111	0.00
83	Chrysene	40.000	38.227	4.4	108	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	40.433	-1.1	111	0.00
85 c	Di-n-octyl phthalate	40.000	41.721	-4.3	112	0.00
86 I	Perylene-d12	20.000	20.000	0.0	109	0.01
87	Indeno(1,2,3-cd)pyrene	40.000	38.851	2.9	109	0.00
88	Benzo(b)fluoranthene	40.000	39.289	1.8	111	0.01
89	Benzo(k)fluoranthene	40.000	38.223	4.4	108	0.00
90 C	Benzo(a)pyrene	40.000	39.004	2.5	110	0.02
91	Dibenzo(a,h)anthracene	40.000	39.377	1.6	109	0.02
92	Benzo(g,h,i)perylene	40.000	38.906	2.7	109	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
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 = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q2078 SAS No.: Q2078 SDG No.: Q2078

Instrument ID: BNA_P Calibration Date/Time: 05/22/2025 23:09

Lab File ID: BP024770.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:41 15:26

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.218	1.069		-12.2	
2-Fluorophenol	1.169	1.124		-3.8	
Phenol-d6	1.492	1.363		-8.6	
1,4-Dichlorobenzene	1.536	1.481		-3.6	20.0
2-Methylphenol	1.105	0.991		-10.3	
3+4-Methylphenols	1.503	1.354		-9.9	
Nitrobenzene-d5	0.396	0.355		-10.4	
Hexachloroethane	0.589	0.529		-10.2	
Nitrobenzene	0.348	0.309		-11.2	
Hexachlorobutadiene	0.213	0.218		2.3	20.0
2,4,6-Trichlorophenol	0.376	0.382		1.6	20.0
2-Fluorobiphenyl	1.527	1.530		0.2	
2,4,5-Trichlorophenol	0.419	0.419		0.0	
2,4-Dinitrotoluene	0.454	0.463		2.0	
2,4,6-Tribromophenol	0.339	0.365		7.7	
Hexachlorobenzene	0.299	0.304		1.7	
Pentachlorophenol	0.168	0.179		6.5	20.0
Terphenyl-d14	1.166	1.037		-11.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024770.D
 Acq On : 22 May 2025 23:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: May 23 03:21:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	86374	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	346242	20.000	ng	#-0.01
39) Acenaphthene-d10	14.280	164	224756	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	450660	20.000	ng	-0.02
76) Chrysene-d12	21.515	240	607461	20.000	ng	0.00
86) Perylene-d12	24.803	264	776339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	388374	76.905	ng	0.00
7) Phenol-d6	6.851	99	470808	73.048	ng	0.00
23) Nitrobenzene-d5	8.798	82	492174	71.822	ng	-0.01
42) 2,4,6-Tribromophenol	15.798	330	328461	86.204	ng	-0.01
45) 2-Fluorobiphenyl	12.892	172	1375946	80.205	ng	-0.01
79) Terphenyl-d14	19.804	244	2520904	71.158	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.216	88	85541	36.073	ng	98
3) Pyridine	3.616	79	184654	35.118	ng	96
4) n-Nitrosodimethylamine	3.528	42	88573	38.156	ng	# 90
6) Aniline	6.993	93	293407	35.260	ng	99
8) 2-Chlorophenol	7.228	128	222150	38.750	ng	97
9) Benzaldehyde	6.810	77	144206	34.563	ng	99
10) Phenol	6.881	94	240195	36.107	ng	98
11) bis(2-Chloroethyl)ether	7.081	93	177685	32.506	ng	98
12) 1,3-Dichlorobenzene	7.540	146	252923	38.347	ng	98
13) 1,4-Dichlorobenzene	7.681	146	255806	38.562	ng	99
14) 1,2-Dichlorobenzene	7.998	146	244036	37.753	ng	98
15) Benzyl Alcohol	7.898	79	175493	35.831	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.169	45	206867	31.601	ng	98
17) 2-Methylphenol	8.110	107	171192	35.880	ng	98
18) Hexachloroethane	8.710	117	91342	35.932	ng	96
19) n-Nitroso-di-n-propyla...	8.451	70	142910	32.054	ng	96
20) 3+4-Methylphenols	8.434	107	233956	36.048	ng	99
22) Acetophenone	8.469	105	319329	36.921	ng	# 99
24) Nitrobenzene	8.840	77	214093	35.502	ng	92
25) Isophorone	9.363	82	395241	33.250	ng	96
26) 2-Nitrophenol	9.545	139	121066	40.970	ng	97
27) 2,4-Dimethylphenol	9.616	122	197438	37.896	ng	99
28) bis(2-Chloroethoxy)met...	9.840	93	235401	33.147	ng	97
29) 2,4-Dichlorophenol	10.098	162	198750	39.366	ng	96
30) 1,2,4-Trichlorobenzene	10.281	180	228540	40.169	ng	97
31) Naphthalene	10.469	128	691005	38.512	ng	100
32) Benzoic acid	9.781	122	114466	34.117	ng	92
33) 4-Chloroaniline	10.592	127	284026	39.228	ng	98
34) Hexachlorobutadiene	10.751	225	151098	40.996	ng	98
35) Caprolactam	11.381	113	72554	39.720	ng	96
36) 4-Chloro-3-methylphenol	11.739	107	233417	37.911	ng	98
37) 2-Methylnaphthalene	12.081	142	452408	38.940	ng	99
38) 1-Methylnaphthalene	12.304	142	486578	39.142	ng	99
40) 1,2,4,5-Tetrachloroben...	12.457	216	263935	40.440	ng	99
41) Hexachlorocyclopentadiene	12.434	237	205099	51.825	ng	97
43) 2,4,6-Trichlorophenol	12.710	196	171769	40.632	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024770.D
 Acq On : 22 May 2025 23:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: May 23 03:21:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

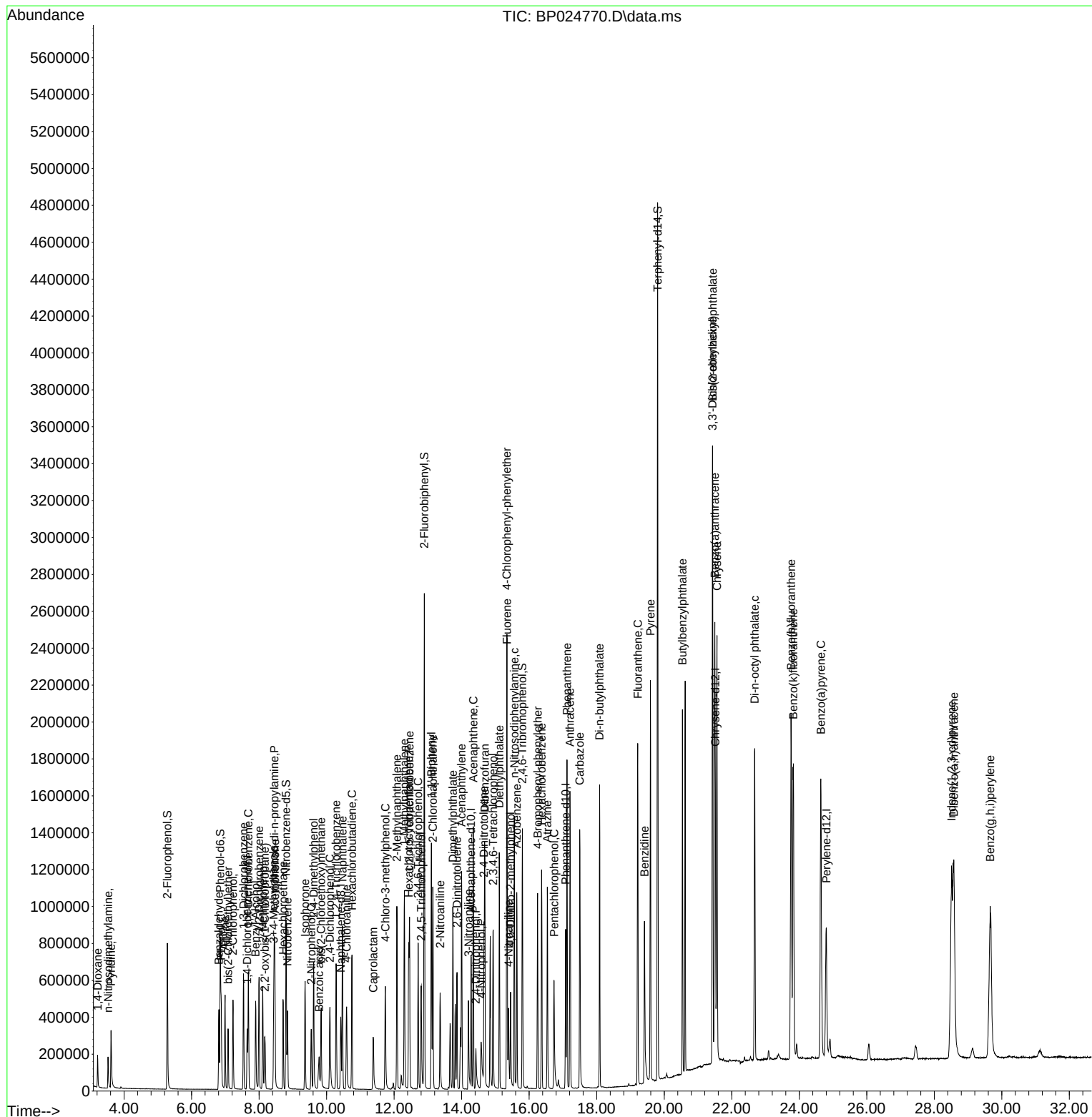
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	188466	40.051	ng	94
46) 1,1'-Biphenyl	13.104	154	652970	39.307	ng	99
47) 2-Chloronaphthalene	13.145	162	506616	39.998	ng	98
48) 2-Nitroaniline	13.363	65	147818	39.419	ng	97
49) Acenaphthylene	13.998	152	808881	38.161	ng	100
50) Dimethylphthalate	13.739	163	635660	37.106	ng	100
51) 2,6-Dinitrotoluene	13.863	165	138524	38.288	ng	99
52) Acenaphthene	14.345	154	469216	38.506	ng	99
53) 3-Nitroaniline	14.204	138	142609	38.603	ng	93
54) 2,4-Dinitrophenol	14.422	184	72293	35.553	ng	99
55) Dibenzofuran	14.686	168	763888	39.301	ng	98
56) 4-Nitrophenol	14.580	139	127590	42.016	ng	98
57) 2,4-Dinitrotoluene	14.663	165	208304	40.839	ng	98
58) Fluorene	15.345	166	632338	39.899	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.933	232	176897	40.525	ng	97
60) Diethylphthalate	15.116	149	657707	37.986	ng	99
61) 4-Chlorophenyl-phenyle...	15.339	204	308082	38.979	ng	99
62) 4-Nitroaniline	15.392	138	148251	41.561	ng	99
63) Azobenzene	15.633	77	545450	36.825	ng	96
65) 4,6-Dinitro-2-methylph...	15.451	198	117458	40.350	ng	97
66) n-Nitrosodiphenylamine	15.563	169	545093	39.378	ng	99
67) 4-Bromophenyl-phenylether	16.251	248	212342	39.987	ng	98
68) Hexachlorobenzene	16.369	284	274224	40.639	ng	98
69) Atrazine	16.539	200	210267	41.449	ng	98
70) Pentachlorophenol	16.739	266	161466	42.628	ng	98
71) Phenanthrene	17.122	178	977097	39.002	ng	100
72) Anthracene	17.210	178	1032456	40.961	ng	100
73) Carbazole	17.498	167	967976	42.429	ng	100
74) Di-n-butylphthalate	18.086	149	1139117	38.824	ng	100
75) Fluoranthene	19.216	202	1228369	41.945	ng	98
77) Benzidine	19.416	184	651486	39.377	ng	99
78) Pyrene	19.592	202	1313857	36.097	ng	100
80) Butylbenzylphthalate	20.539	149	589778	36.434	ng	96
81) Benzo(a)anthracene	21.498	228	1462106	38.332	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	595491	42.033	ng	98
83) Chrysene	21.562	228	1407588	38.929	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	861065	36.190	ng	100
85) Di-n-octyl phthalate	22.680	149	1503281	38.637	ng	100
87) Indeno(1,2,3-cd)pyrene	28.509	276	2249633	39.692	ng	# 88
88) Benzo(b)fluoranthene	23.756	252	1717819	38.658	ng	98
89) Benzo(k)fluoranthene	23.827	252	1683302	36.762	ng	98
90) Benzo(a)pyrene	24.639	252	1677144	39.298	ng	98
91) Dibenzo(a,h)anthracene	28.580	278	1830614	39.702	ng	98
92) Benzo(g,h,i)perylene	29.656	276	1805688	39.380	ng	97

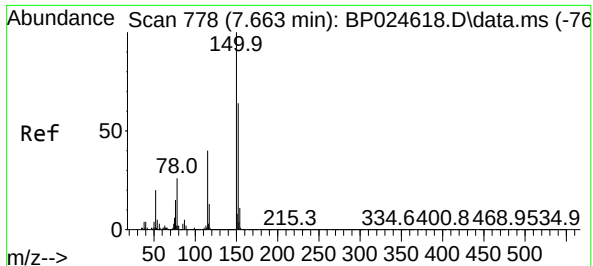
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\  
Data File : BP024770.D  
Acq On    : 22 May 2025   23:09  
Operator   : RC/JU  
Sample     : SSTDCCC040  
Misc       :  
ALS Vial   : 2    Sample Multiplier: 1
```

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 23 03:21:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

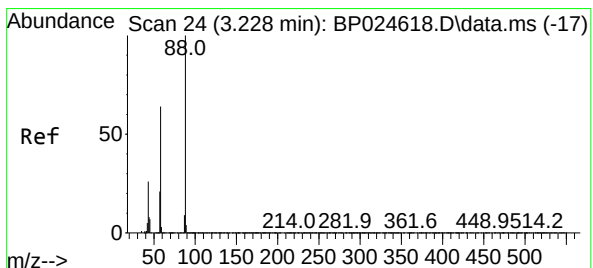
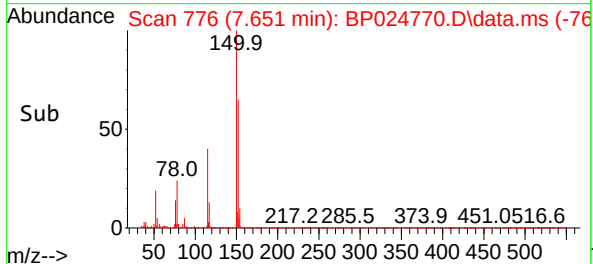
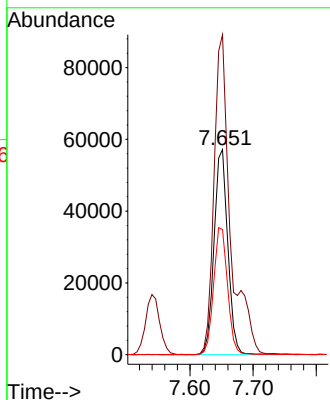
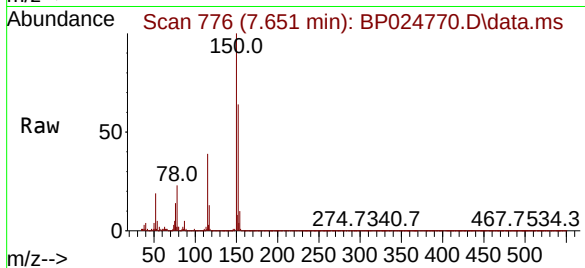




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

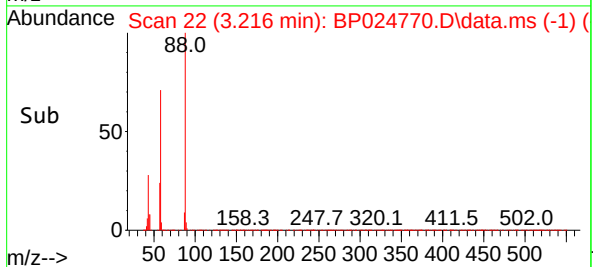
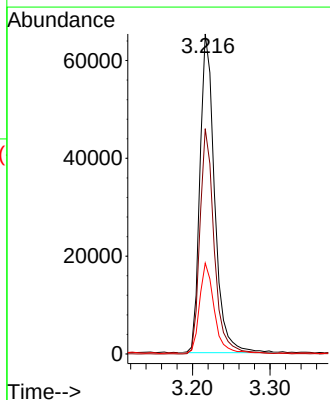
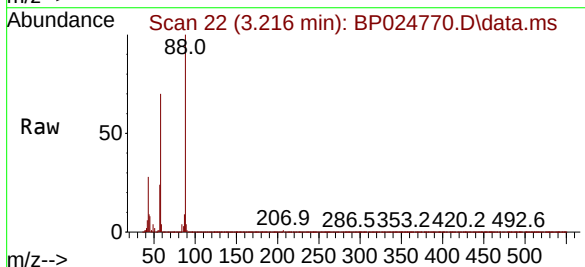
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

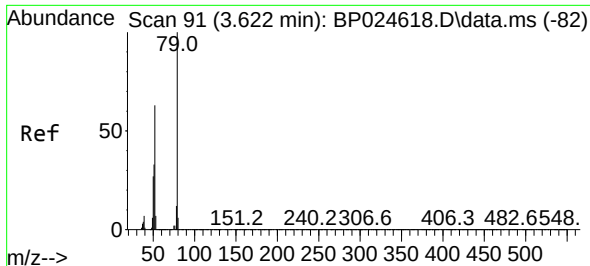
Tgt Ion:152 Resp: 86374
Ion Ratio Lower Upper
152 100
150 156.0 125.9 188.9
115 61.0 50.1 75.1



#2
1,4-Dioxane
Concen: 36.073 ng
RT: 3.216 min Scan# 22
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion: 88 Resp: 85541
Ion Ratio Lower Upper
88 100
58 69.0 54.0 81.0
43 28.1 21.4 32.0

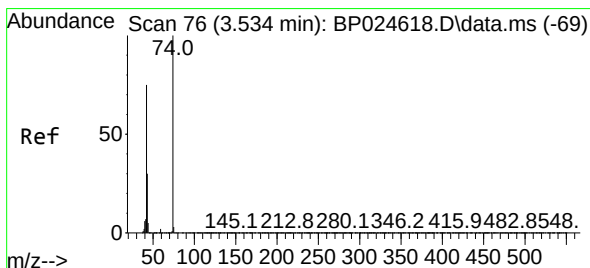
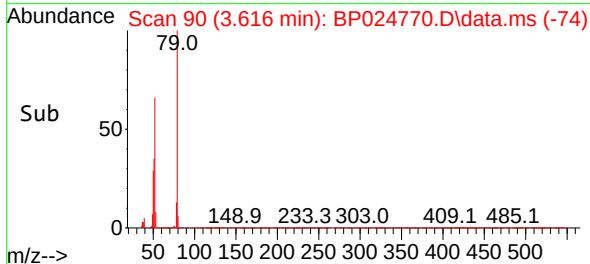
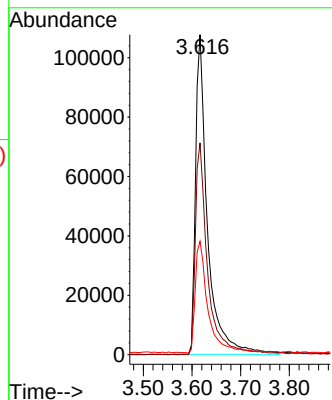
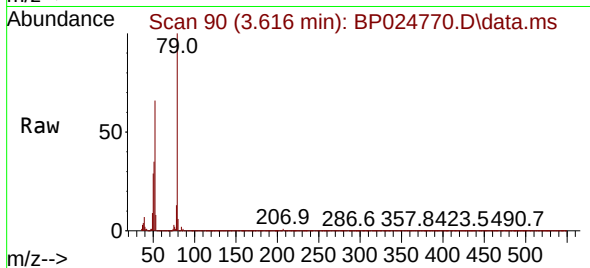




#3
Pyridine
Concen: 35.118 ng
RT: 3.616 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

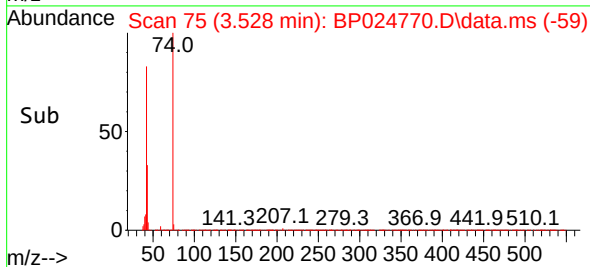
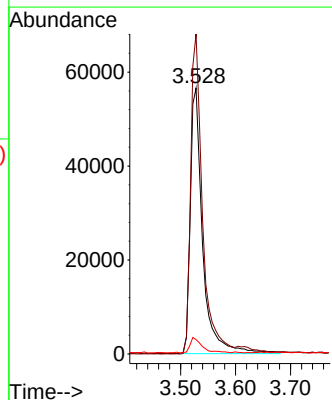
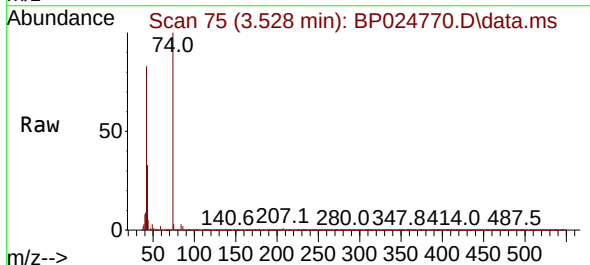
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

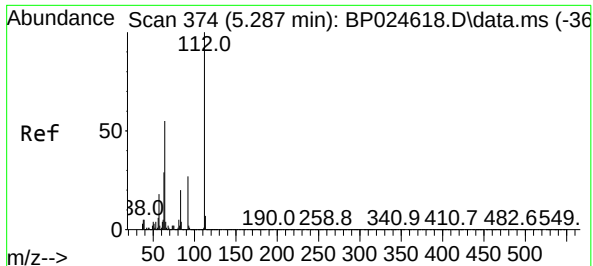
Tgt Ion: 79 Resp: 184654
Ion Ratio Lower Upper
79 100
52 66.2 50.2 75.2
51 35.4 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 38.156 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion: 42 Resp: 88573
Ion Ratio Lower Upper
42 100
74 120.4 106.2 159.2
44 5.4 5.4 8.2

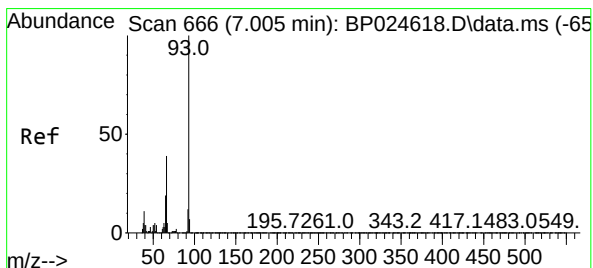
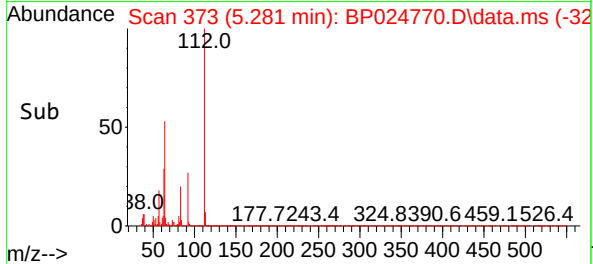
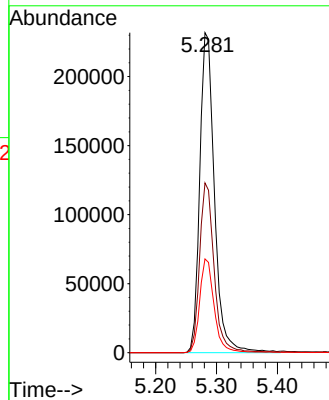
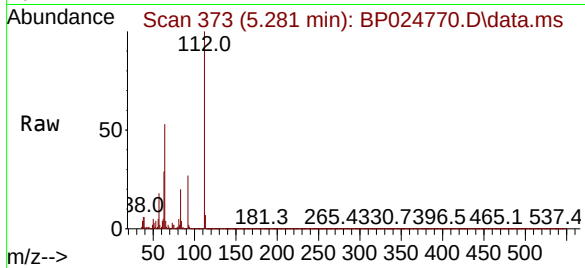




#5
2-Fluorophenol
Concen: 76.905 ng
RT: 5.281 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

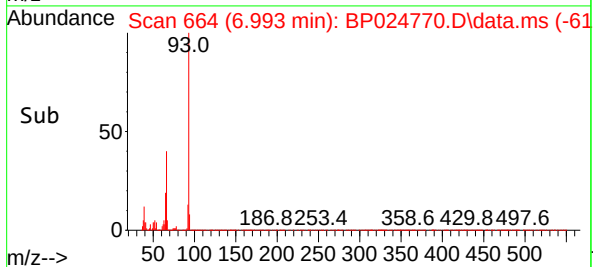
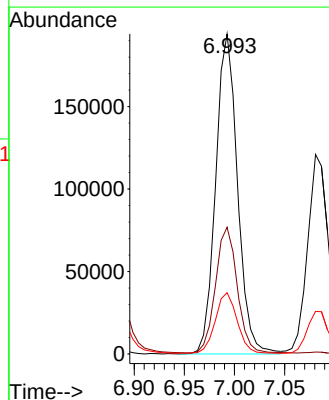
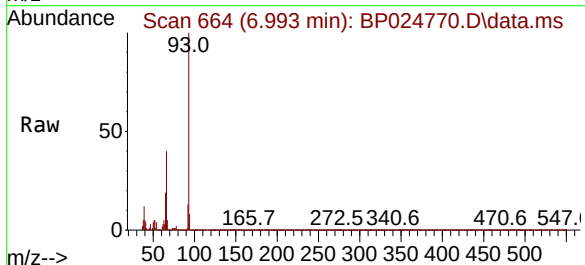
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

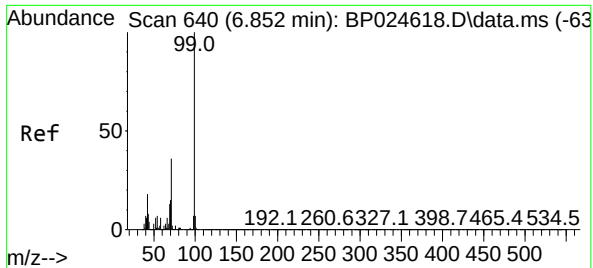
Tgt Ion:112 Resp: 388374
Ion Ratio Lower Upper
112 100
64 53.0 44.1 66.1
63 29.3 23.5 35.3



#6
Aniline
Concen: 35.260 ng
RT: 6.993 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion: 93 Resp: 293407
Ion Ratio Lower Upper
93 100
66 39.6 31.0 46.6
65 19.1 15.5 23.3

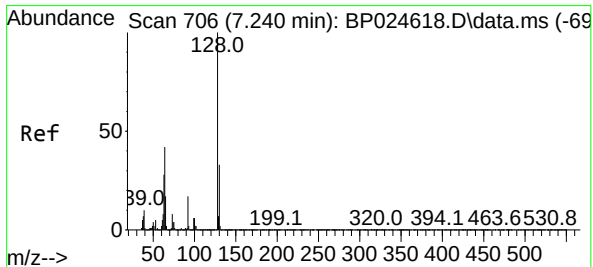
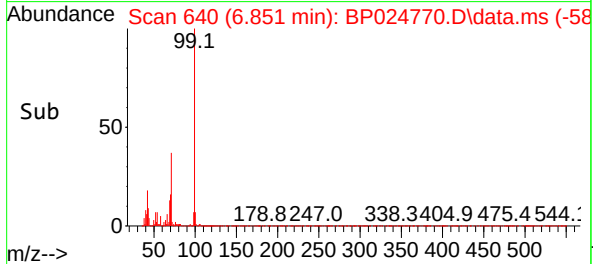
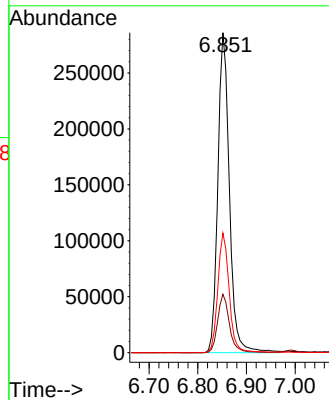
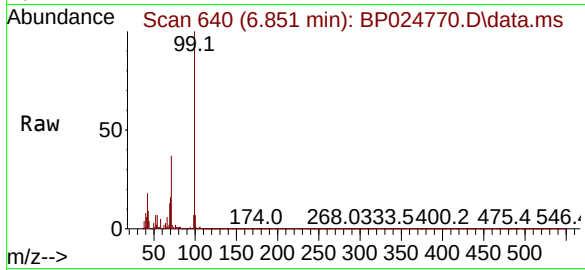




#7
Phenol-d6
Concen: 73.048 ng
RT: 6.851 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

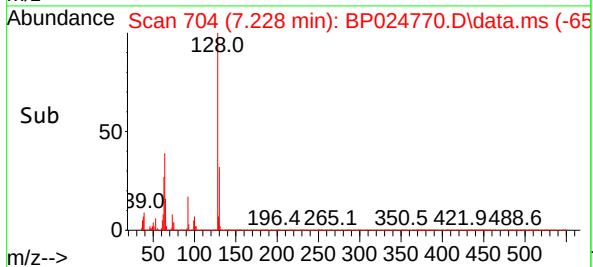
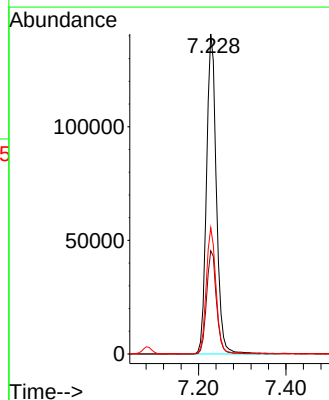
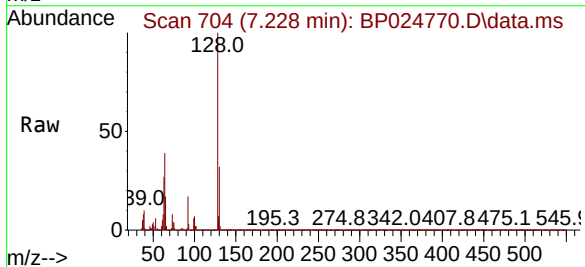
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

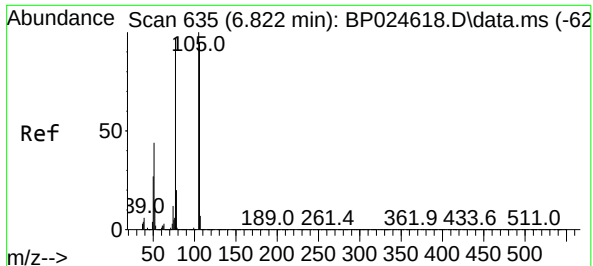
Tgt Ion: 99 Resp: 470808
Ion Ratio Lower Upper
99 100
42 18.2 14.4 21.6
71 37.4 29.2 43.8



#8
2-Chlorophenol
Concen: 38.750 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion: 128 Resp: 222150
Ion Ratio Lower Upper
128 100
130 32.2 13.0 53.0
64 39.4 22.3 62.3

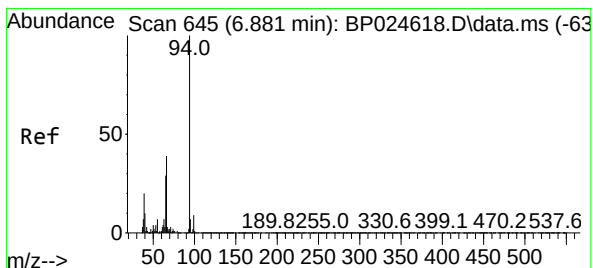
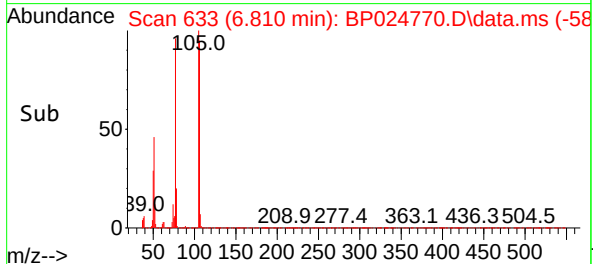
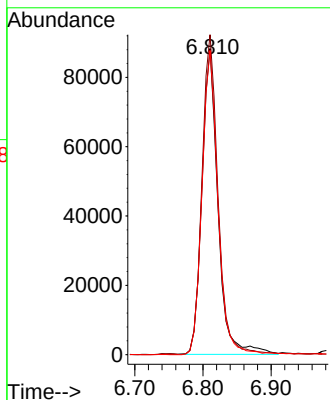
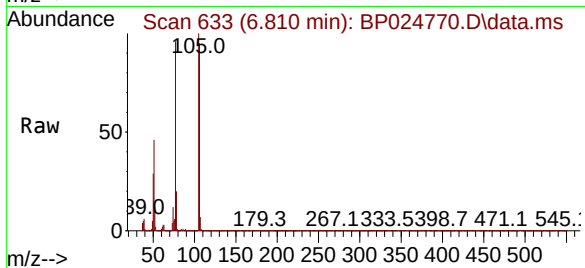




#9
Benzaldehyde
Concen: 34.563 ng
RT: 6.810 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

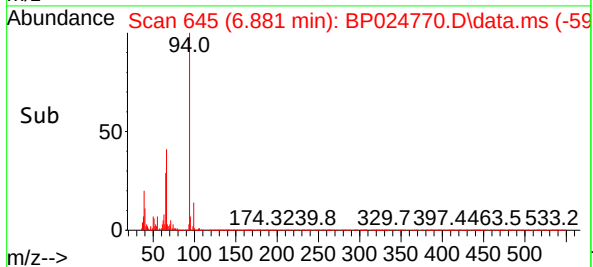
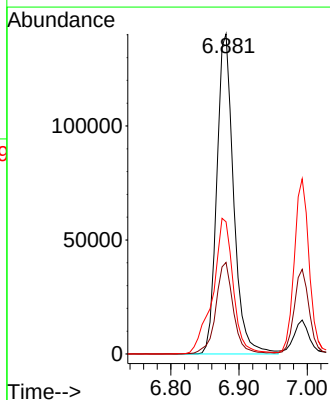
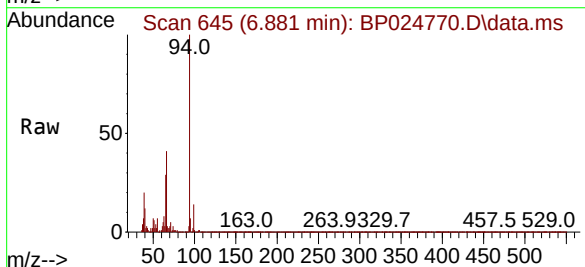
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

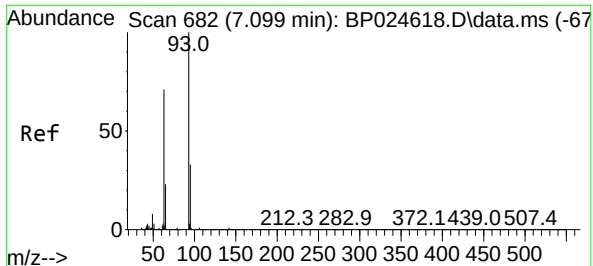
Tgt Ion: 77 Resp: 144206
Ion Ratio Lower Upper
77 100
105 104.5 83.3 123.3
106 99.4 78.0 118.0



#10
Phenol
Concen: 36.107 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion: 94 Resp: 240195
Ion Ratio Lower Upper
94 100
65 28.6 8.7 48.7
66 41.3 19.4 59.4

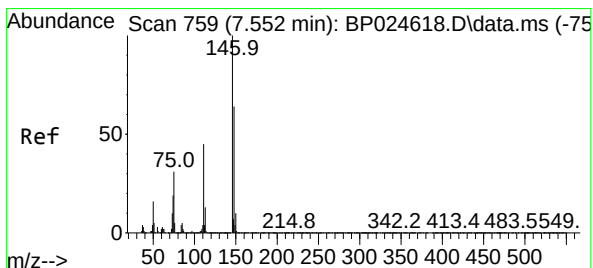
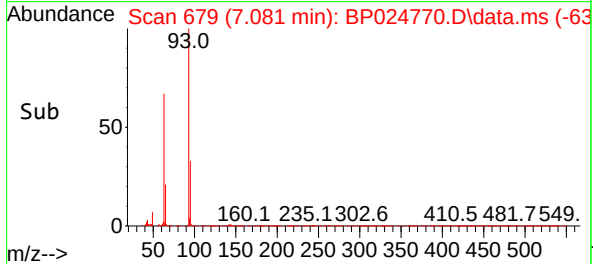
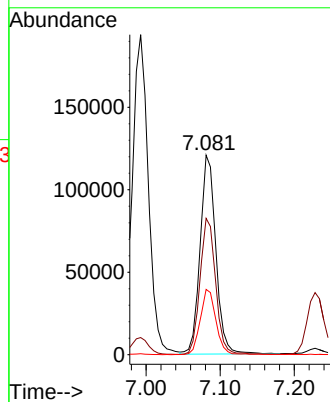
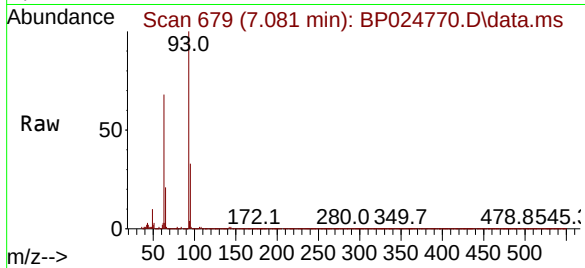




#11
bis(2-Chloroethyl)ether
Concen: 32.506 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

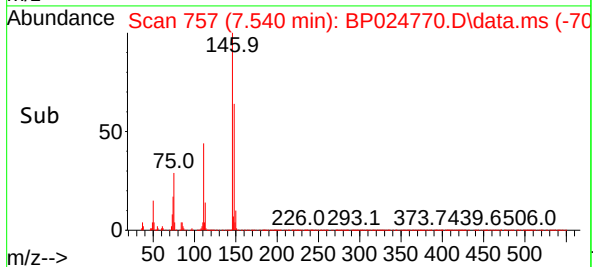
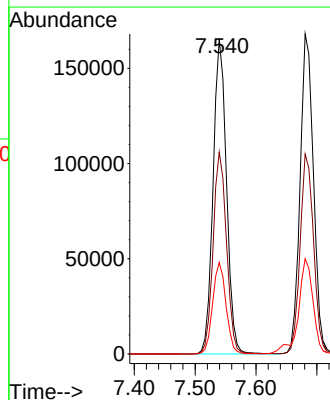
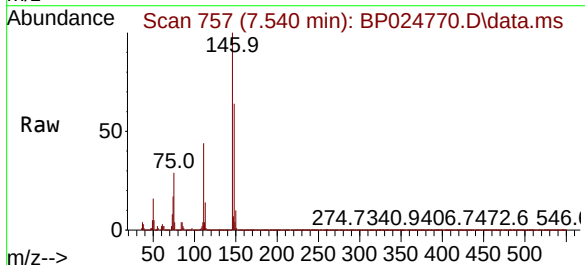
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

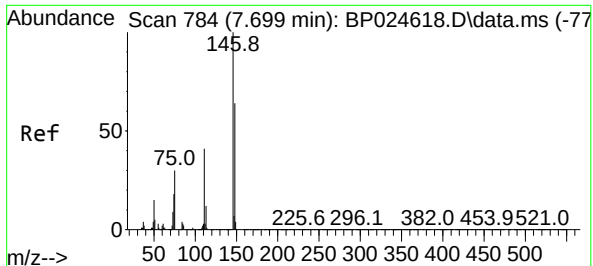
Tgt Ion: 93 Resp: 177685
Ion Ratio Lower Upper
93 100
63 68.3 50.6 90.6
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.347 ng
RT: 7.540 min Scan# 757
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion: 146 Resp: 252923
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
75 29.1 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 38.562 ng

RT: 7.681 min Scan# 71

Delta R.T. -0.018 min

Lab File: BP024770.D

Acq: 22 May 2025 23:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

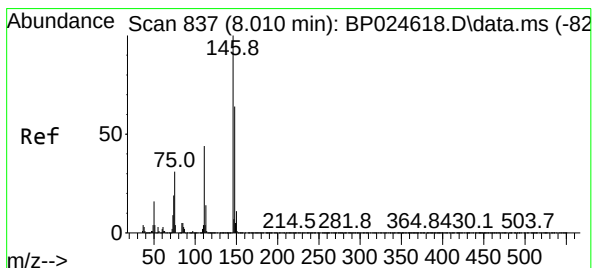
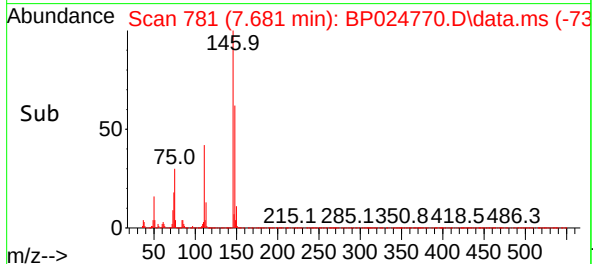
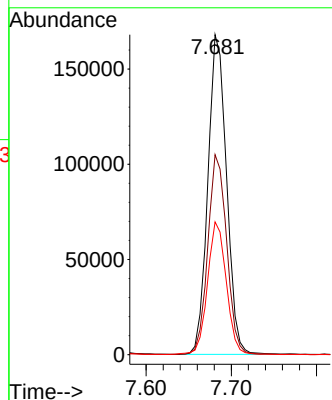
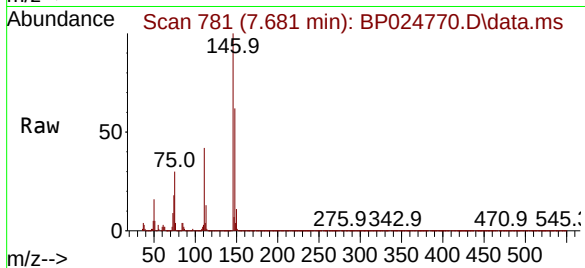
Tgt Ion:146 Resp: 255806

Ion Ratio Lower Upper

146 100

148 62.5 51.0 76.6

111 41.5 33.0 49.6



#14

1,2-Dichlorobenzene

Concen: 37.753 ng

RT: 7.998 min Scan# 835

Delta R.T. -0.012 min

Lab File: BP024770.D

Acq: 22 May 2025 23:09

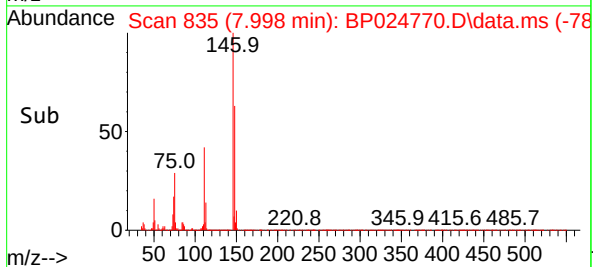
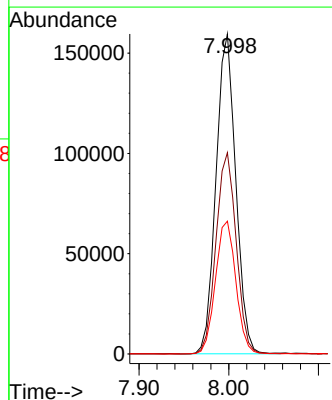
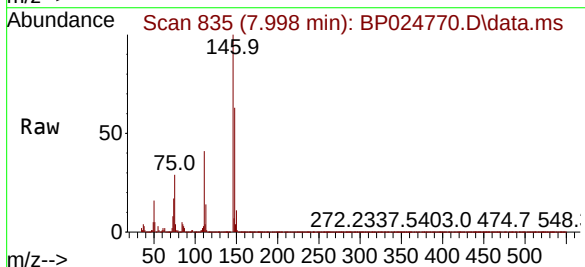
Tgt Ion:146 Resp: 244036

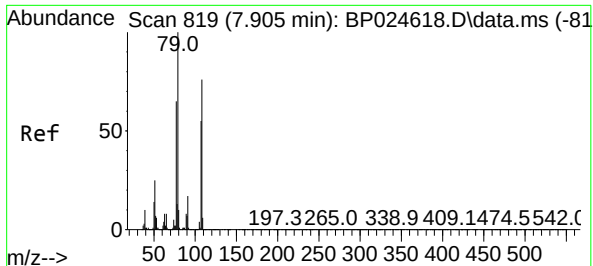
Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.4

111 41.5 35.2 52.8

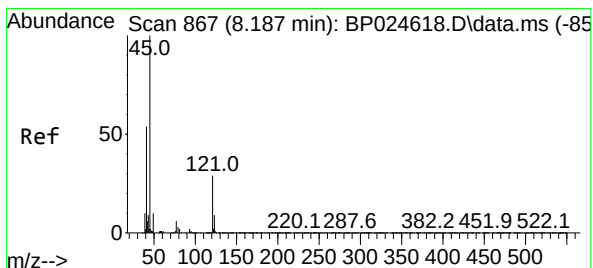
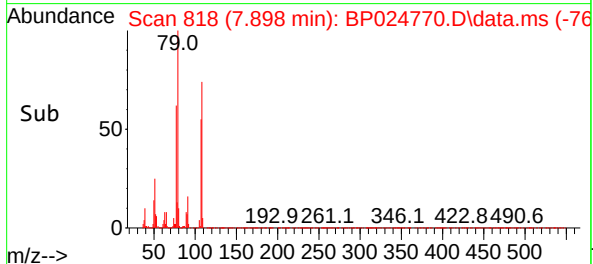
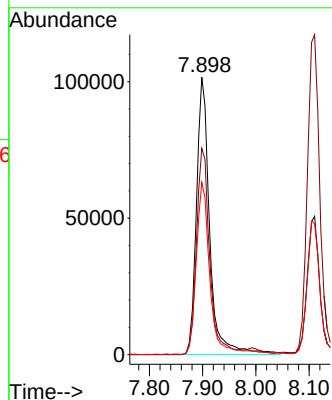
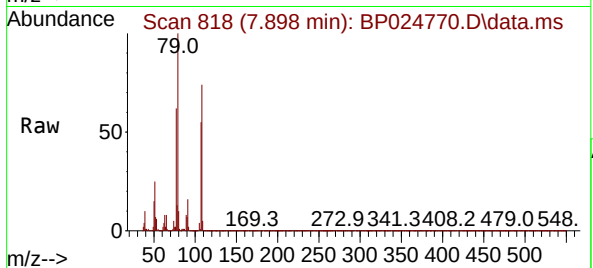




#15
Benzyl Alcohol
Concen: 35.831 ng
RT: 7.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

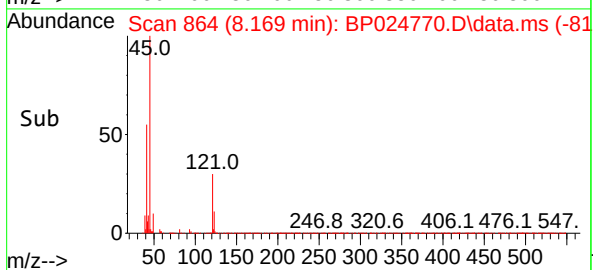
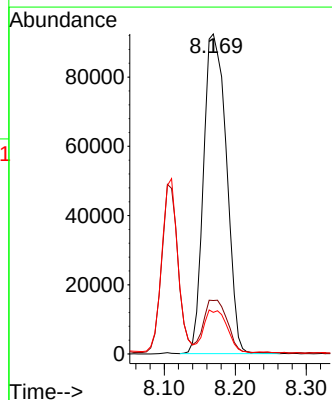
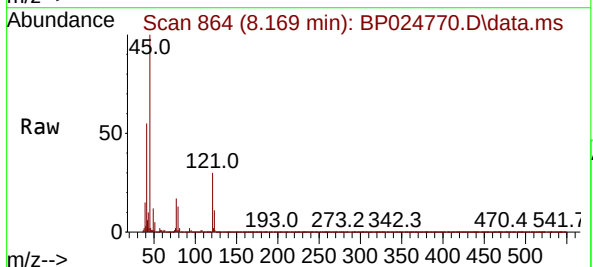
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

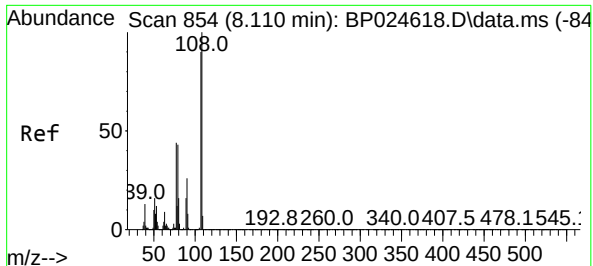
Tgt Ion: 79 Resp: 175493
Ion Ratio Lower Upper
79 100
108 74.3 60.8 91.2
77 62.1 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.601 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.018 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion: 45 Resp: 206867
Ion Ratio Lower Upper
45 100
77 16.7 0.0 37.7
79 13.0 0.0 34.0

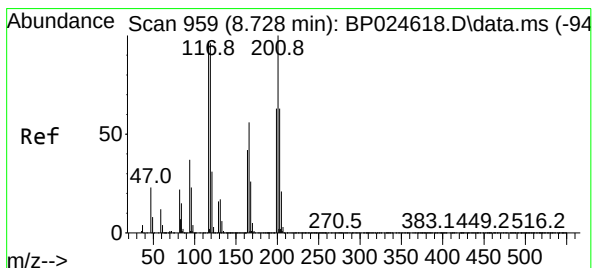
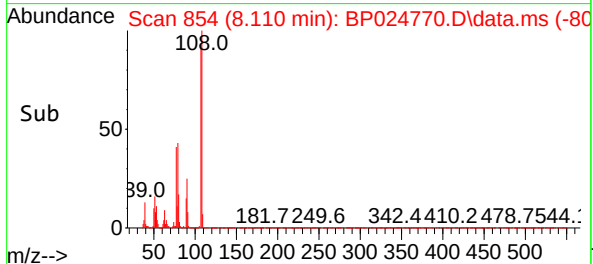
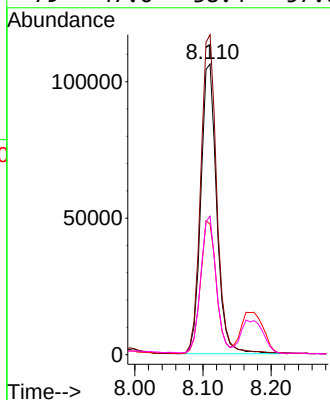
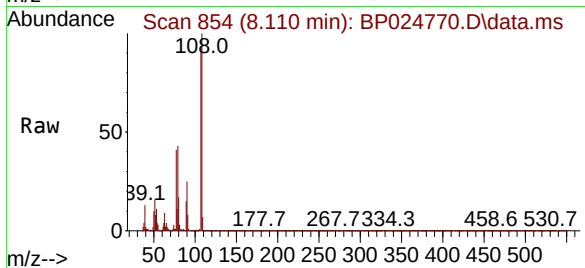




#17
2-Methylphenol
Concen: 35.880 ng
RT: 8.110 min Scan# 854
Delta R.T. -0.000 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

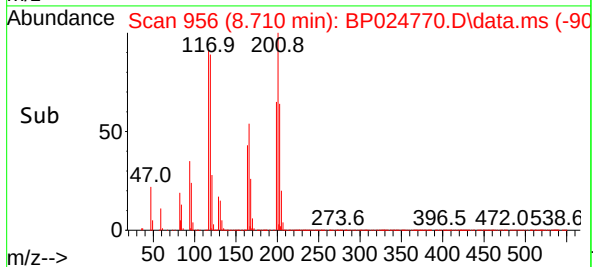
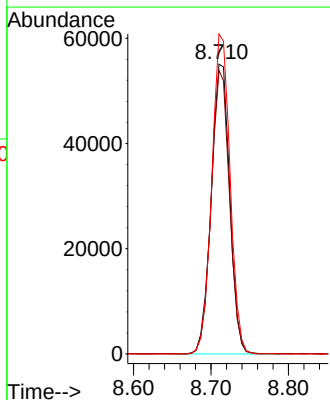
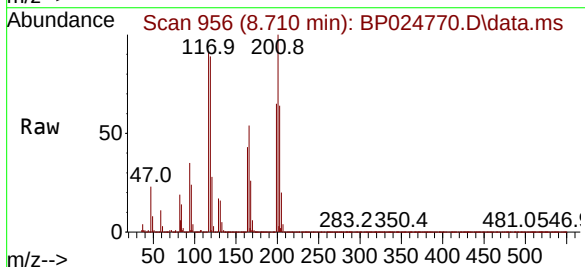
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

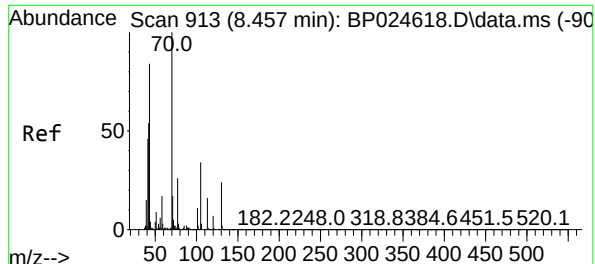
Tgt Ion:	107	Resp:	171192
Ion	Ratio	Lower	Upper
107	100		
108	110.1	88.9	133.3
77	45.0	39.0	58.6
79	47.6	38.4	57.6



#18
Hexachloroethane
Concen: 35.932 ng
RT: 8.710 min Scan# 956
Delta R.T. -0.018 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:	117	Resp:	91342
Ion	Ratio	Lower	Upper
117	100		
119	97.9	79.4	119.0
201	110.5	82.7	124.1





#19

n-Nitroso-di-n-propylamine

Concen: 32.054 ng

RT: 8.451 min Scan# 913

Delta R.T. -0.006 min

Lab File: BP024770.D

Acq: 22 May 2025 23:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 142910

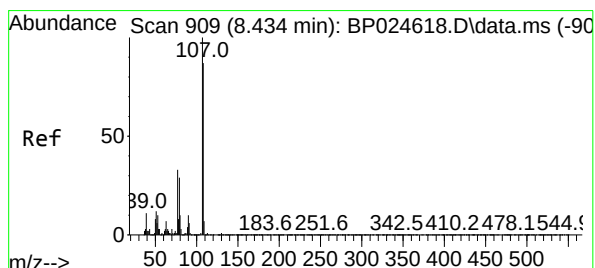
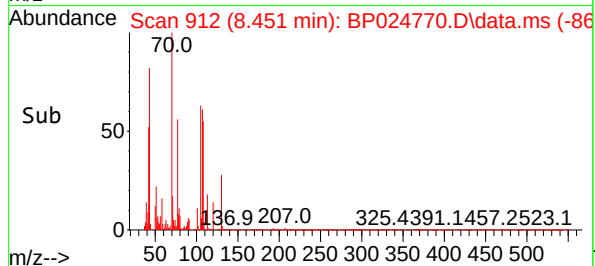
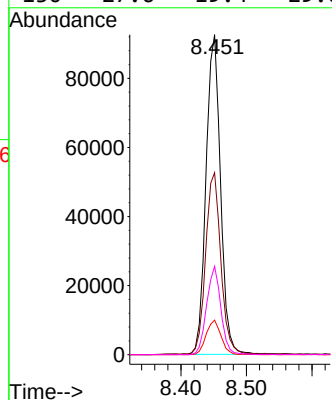
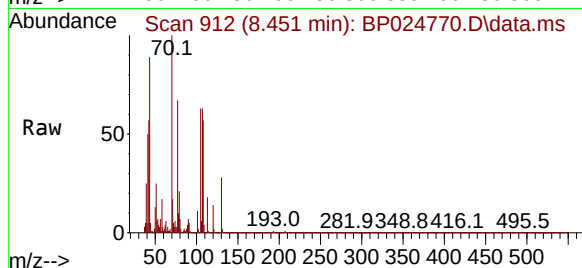
Ion Ratio Lower Upper

70 100

42 56.9 43.0 64.6

101 10.8 8.7 13.1

130 27.6 19.4 29.0



#20

3+4-Methylphenols

Concen: 36.048 ng

RT: 8.434 min Scan# 909

Delta R.T. -0.000 min

Lab File: BP024770.D

Acq: 22 May 2025 23:09

Tgt Ion: 107 Resp: 233956

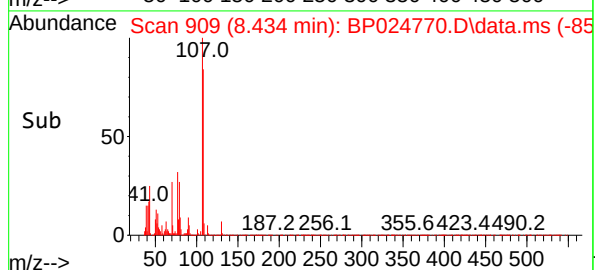
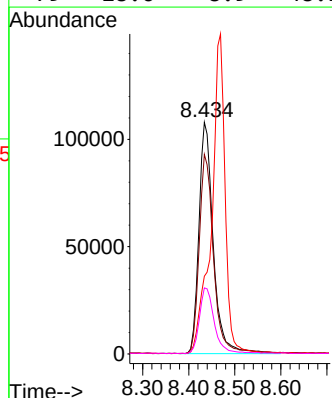
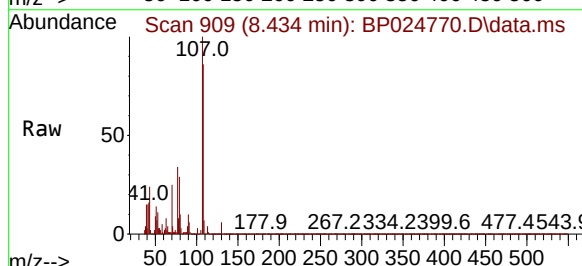
Ion Ratio Lower Upper

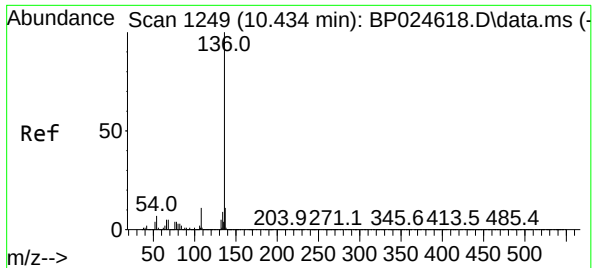
107 100

108 86.1 66.7 106.7

77 33.6 13.1 53.1

79 28.6 8.9 48.9

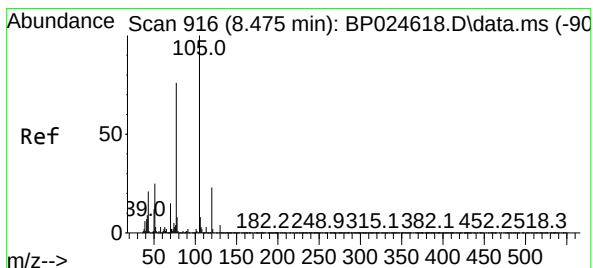
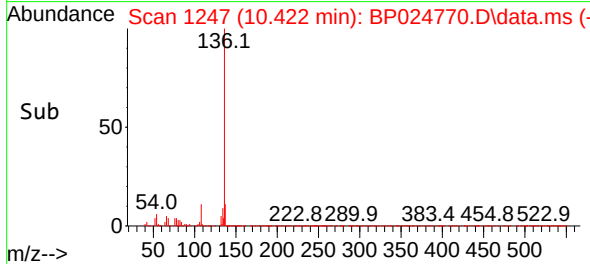
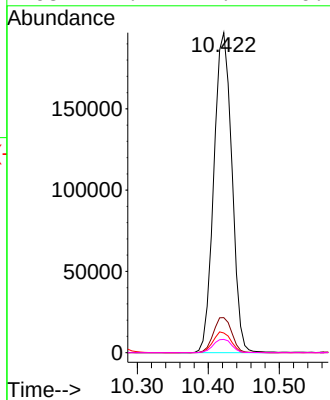
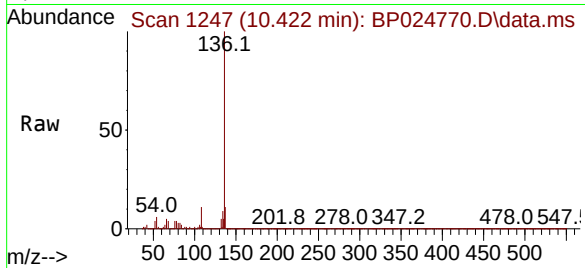




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

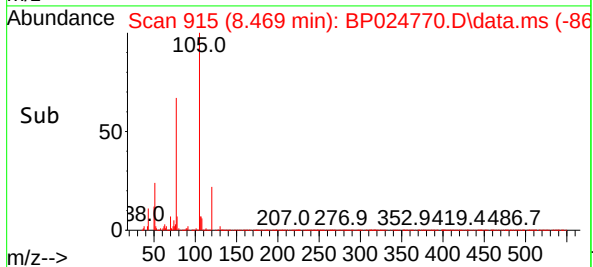
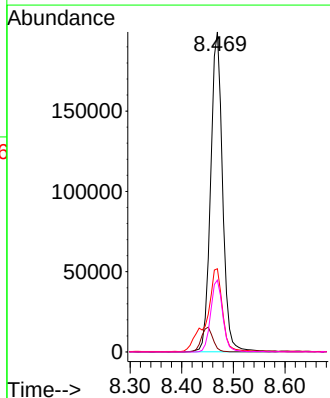
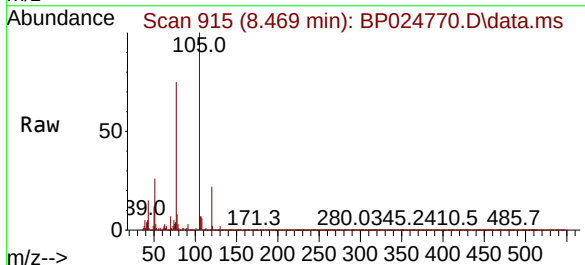
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

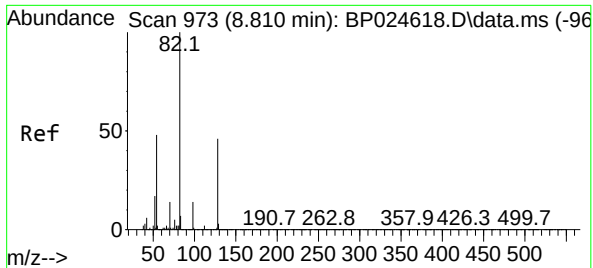
Tgt Ion:136 Resp: 346242
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.2 5.5 8.3
68 4.1 4.2 6.2#



#22
Acetophenone
Concen: 36.921 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:105 Resp: 319329
Ion Ratio Lower Upper
105 100
71 1.1 2.0 3.0#
51 26.0 20.4 30.6
120 22.4 18.1 27.1





#23

Nitrobenzene-d5

Concen: 71.822 ng

RT: 8.798 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP024770.D

Acq: 22 May 2025 23:09

Instrument :

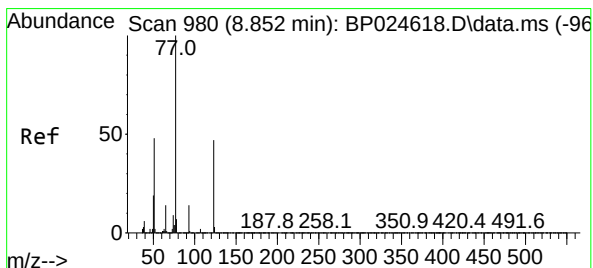
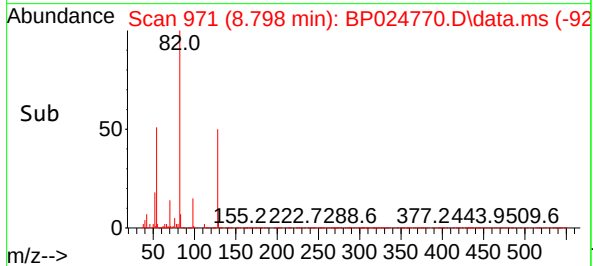
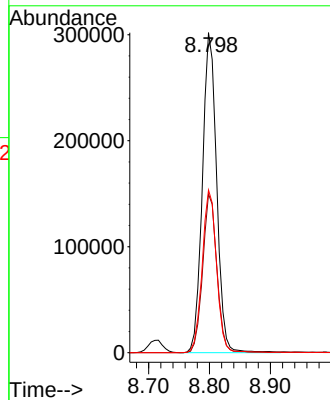
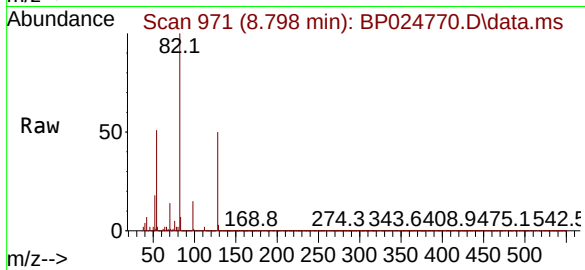
BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 492174

Ion	Ratio	Lower	Upper
82	100		
128	49.6	37.0	55.4
54	50.9	38.7	58.1



#24

Nitrobenzene

Concen: 35.502 ng

RT: 8.840 min Scan# 978

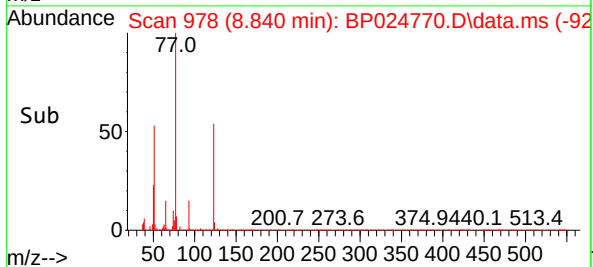
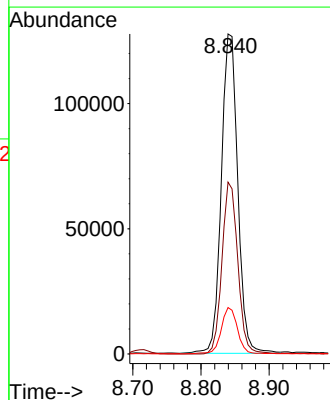
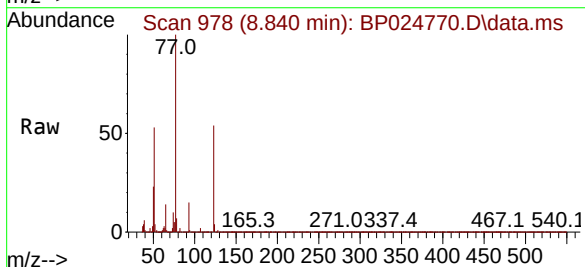
Delta R.T. -0.012 min

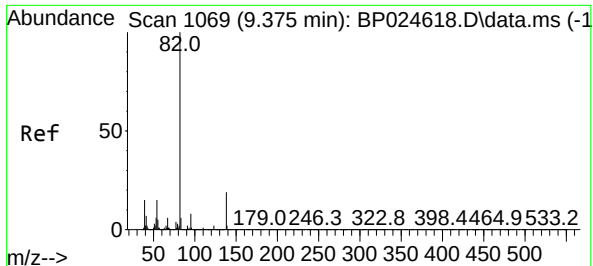
Lab File: BP024770.D

Acq: 22 May 2025 23:09

Tgt Ion: 77 Resp: 214093

Ion	Ratio	Lower	Upper
77	100		
123	53.7	37.4	56.0
65	14.5	11.3	16.9

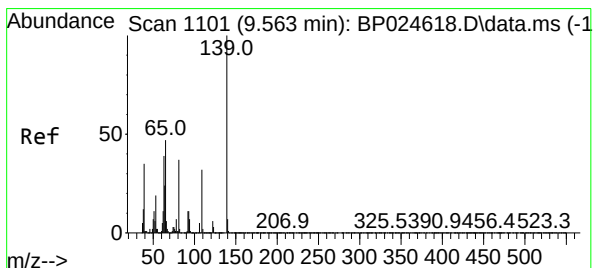
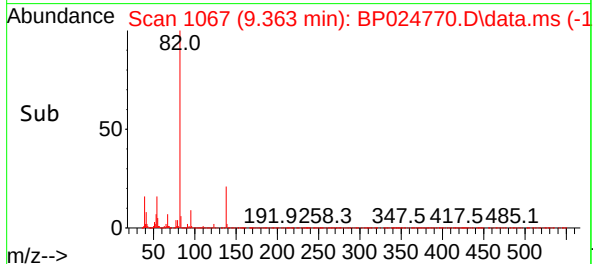
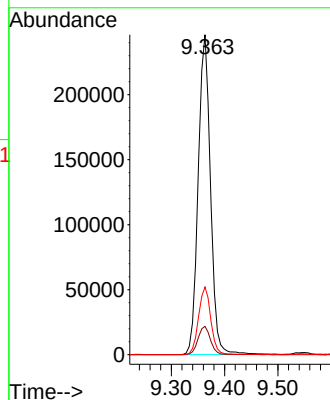
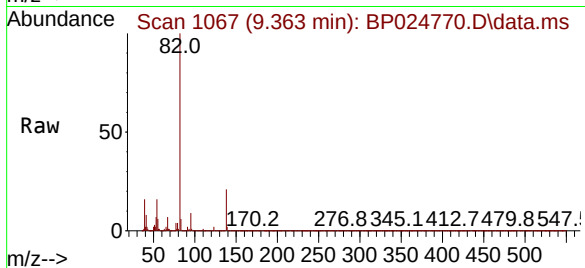




#25
Isophorone
Concen: 33.250 ng
RT: 9.363 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

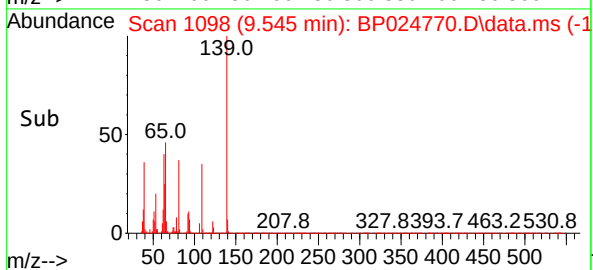
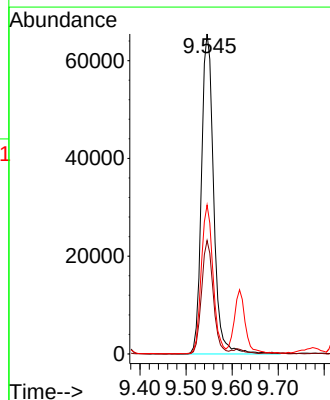
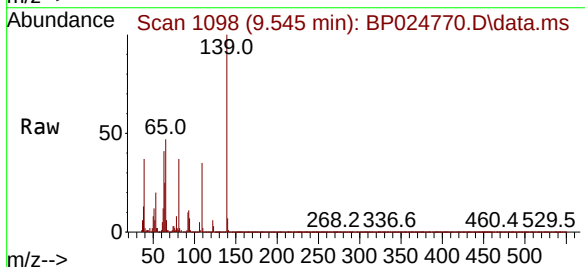
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

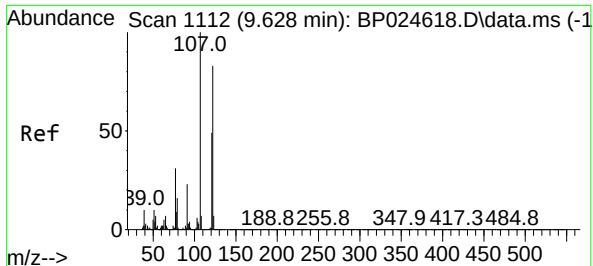
Tgt Ion: 82 Resp: 395241
Ion Ratio Lower Upper
82 100
95 8.8 6.3 9.5
138 21.1 15.3 22.9



#26
2-Nitrophenol
Concen: 40.970 ng
RT: 9.545 min Scan# 1098
Delta R.T. -0.018 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion: 139 Resp: 121066
Ion Ratio Lower Upper
139 100
109 35.4 25.9 38.9
65 46.5 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 37.896 ng

RT: 9.616 min Scan# 1112

Delta R.T. -0.012 min

Lab File: BP024770.D

Acq: 22 May 2025 23:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

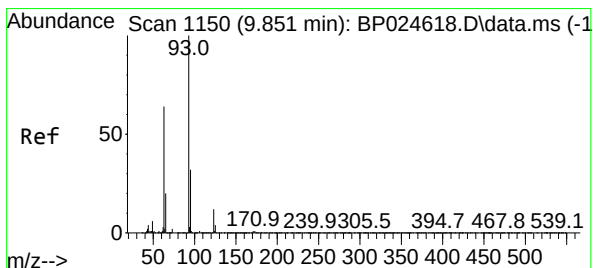
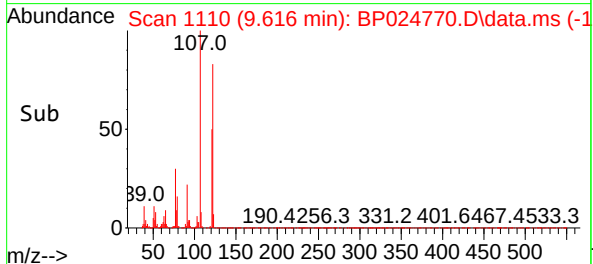
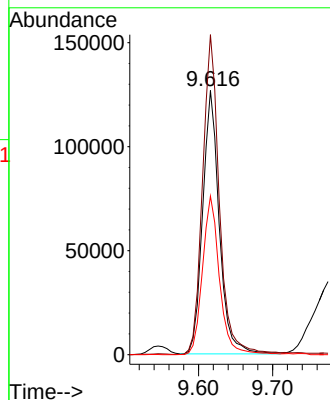
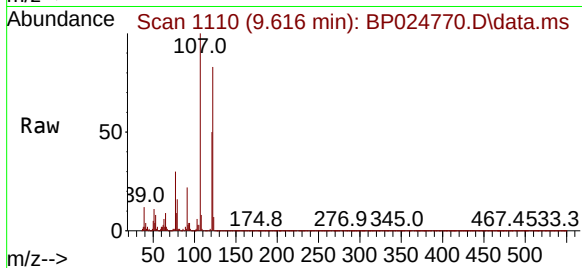
Tgt Ion:122 Resp: 197438

Ion Ratio Lower Upper

122 100

107 121.2 96.2 144.2

121 60.0 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 33.147 ng

RT: 9.840 min Scan# 1148

Delta R.T. -0.012 min

Lab File: BP024770.D

Acq: 22 May 2025 23:09

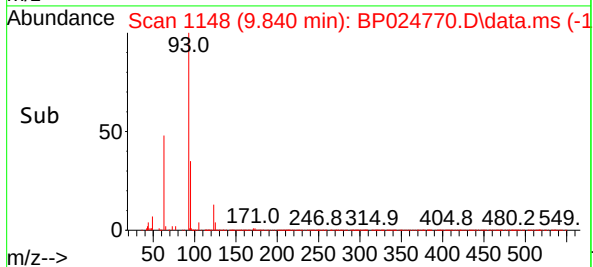
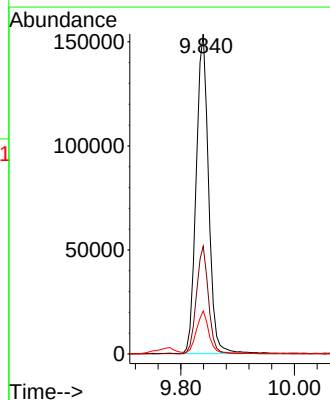
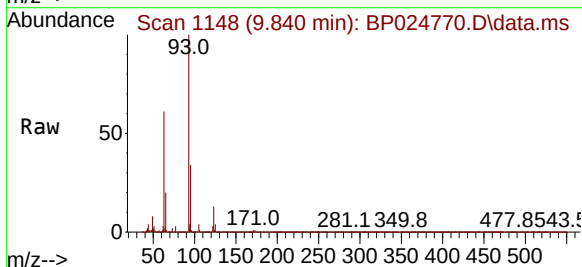
Tgt Ion: 93 Resp: 235401

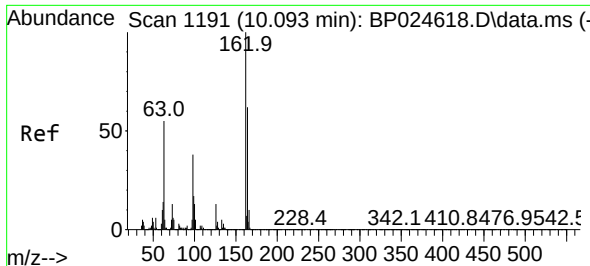
Ion Ratio Lower Upper

93 100

95 33.7 25.5 38.3

123 13.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 39.366 ng

RT: 10.098 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BP024770.D

Acq: 22 May 2025 23:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

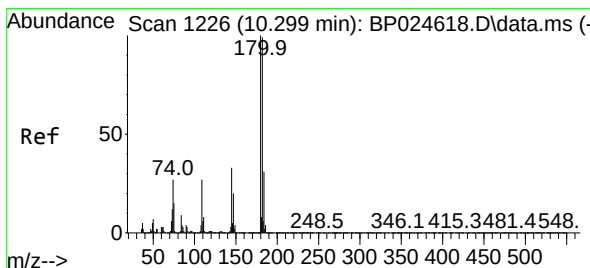
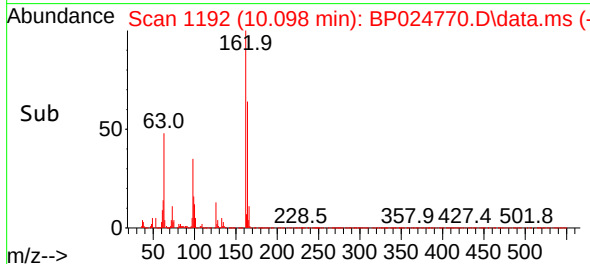
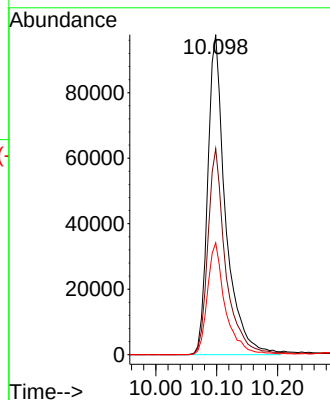
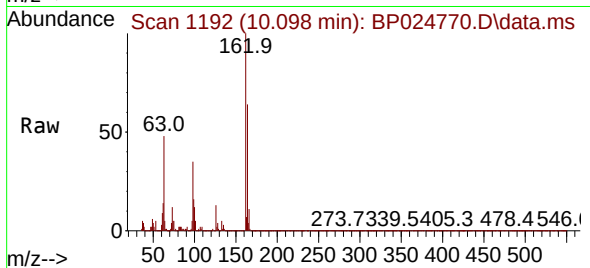
Tgt Ion:162 Resp: 198750

Ion Ratio Lower Upper

162 100

164 64.4 42.3 82.3

98 35.0 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 40.169 ng

RT: 10.281 min Scan# 1223

Delta R.T. -0.018 min

Lab File: BP024770.D

Acq: 22 May 2025 23:09

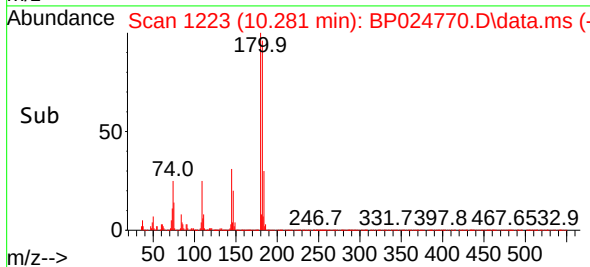
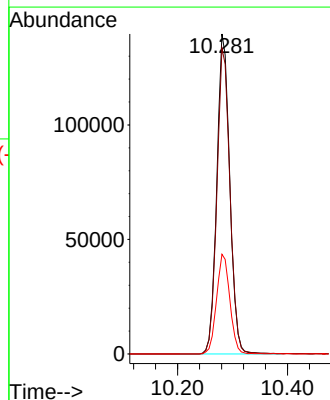
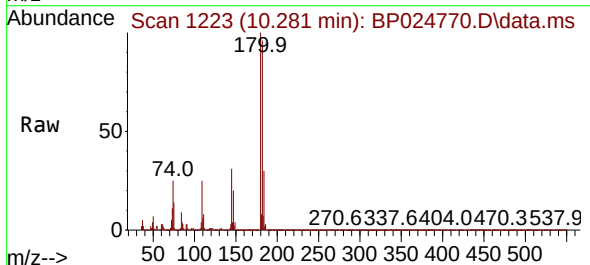
Tgt Ion:180 Resp: 228540

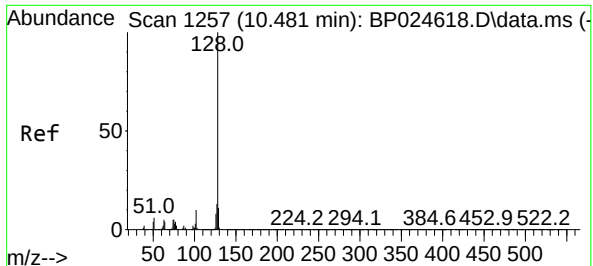
Ion Ratio Lower Upper

180 100

182 95.5 79.0 118.4

145 31.1 26.6 39.8

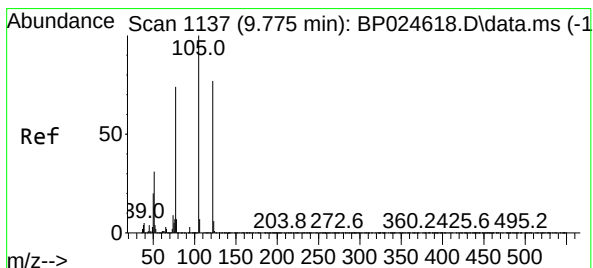
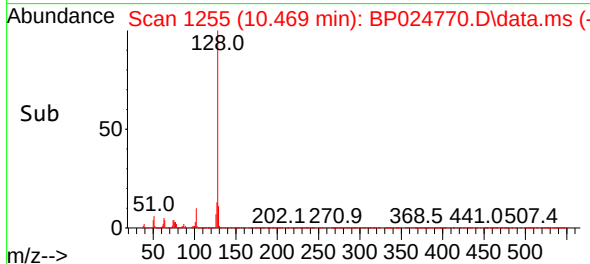
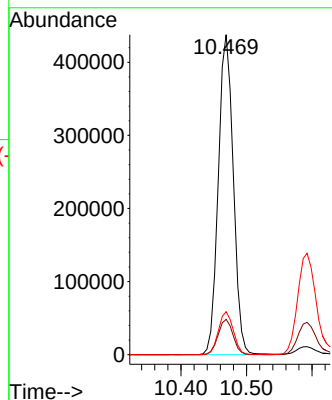
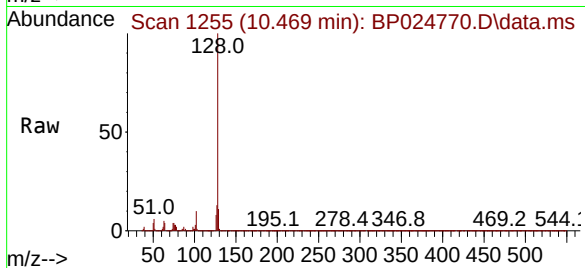




#31
Naphthalene
Concen: 38.512 ng
RT: 10.469 min Scan# 1125
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

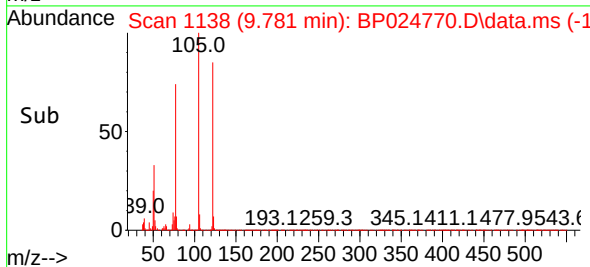
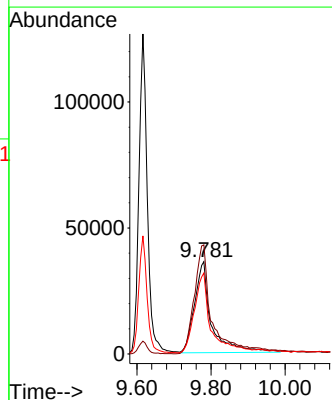
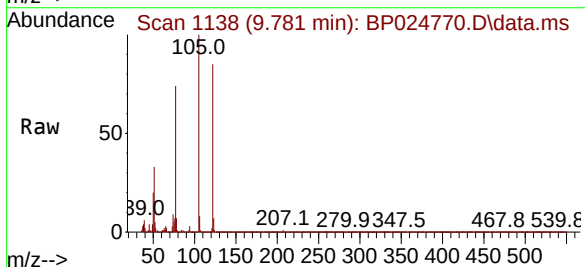
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

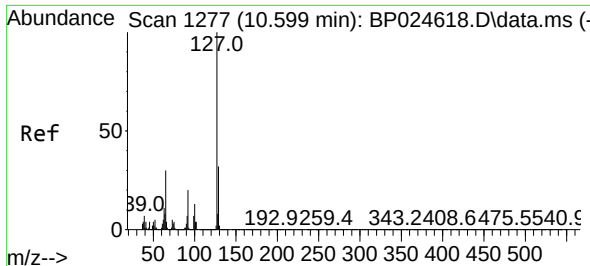
Tgt Ion:128 Resp: 691005
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 34.117 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:122 Resp: 114466
Ion Ratio Lower Upper
122 100
105 118.2 106.9 146.9
77 87.6 75.1 115.1

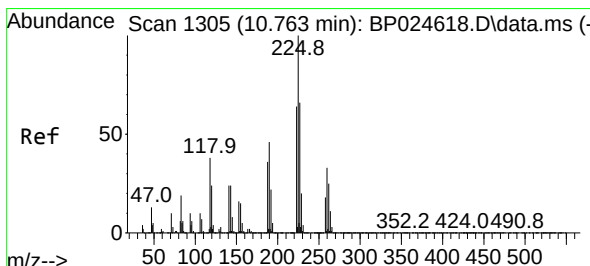
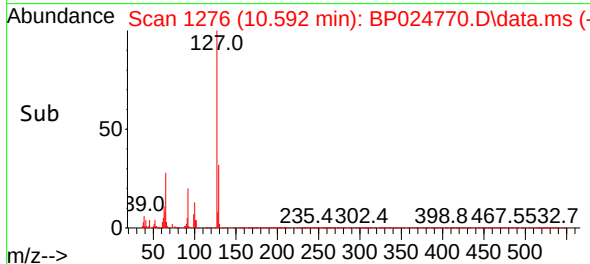
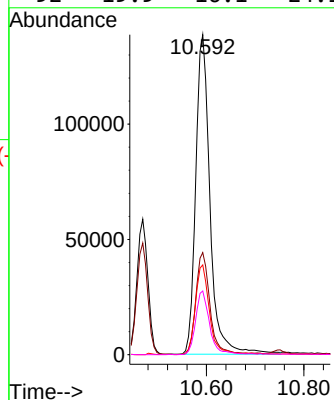
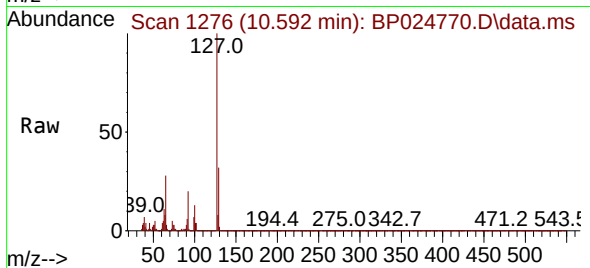




#33
4-Chloroaniline
Concen: 39.228 ng
RT: 10.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

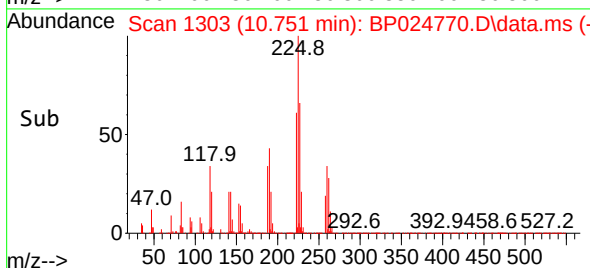
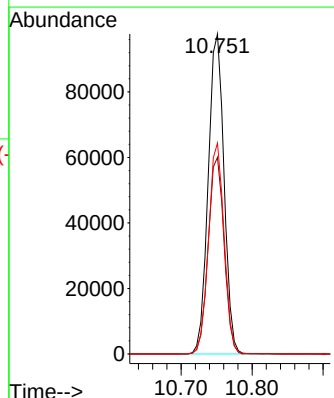
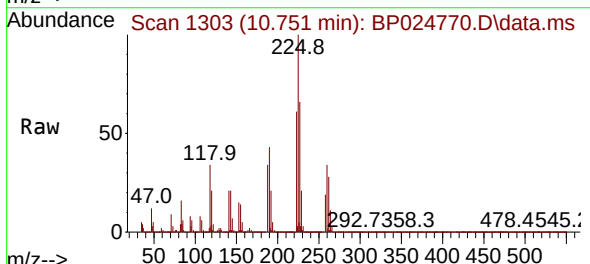
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

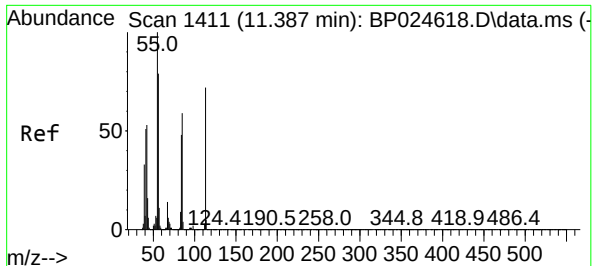
Tgt Ion:	127	Resp:	284026
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	28.1	23.9	35.9
92	19.9	16.1	24.1



#34
Hexachlorobutadiene
Concen: 40.996 ng
RT: 10.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:	225	Resp:	151098
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.0	76.6
227	65.9	53.1	79.7

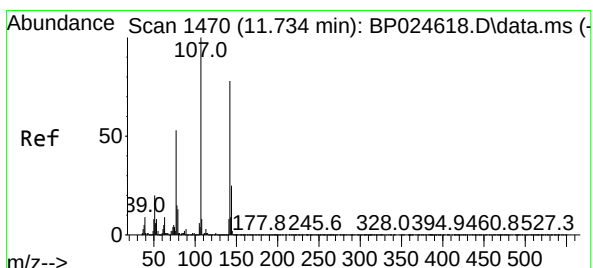
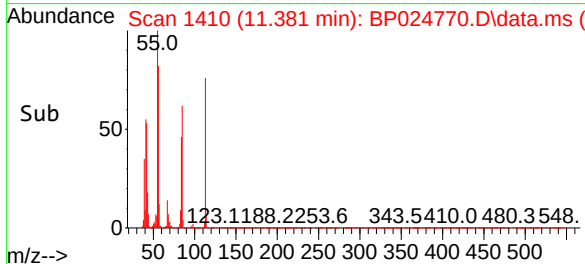
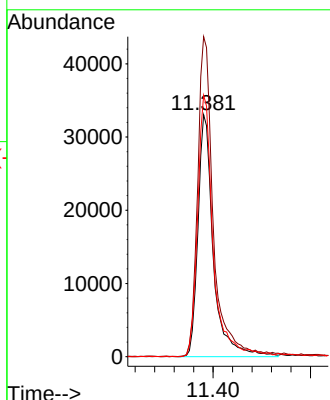
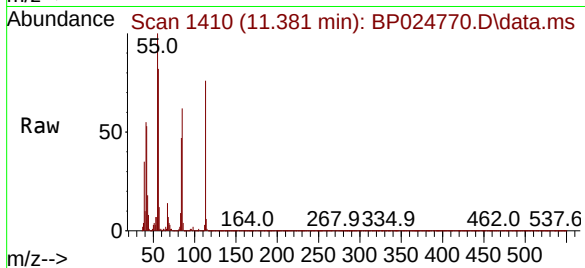




#35
 Caprolactam
 Concen: 39.720 ng
 RT: 11.381 min Scan# 1411
 Delta R.T. -0.006 min
 Lab File: BP024770.D
 Acq: 22 May 2025 23:09

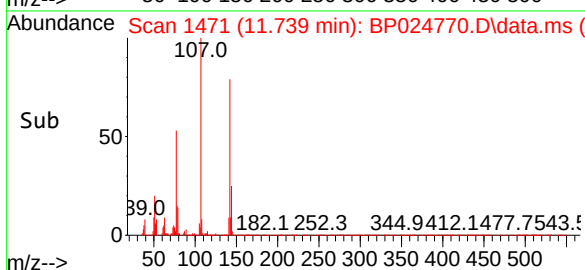
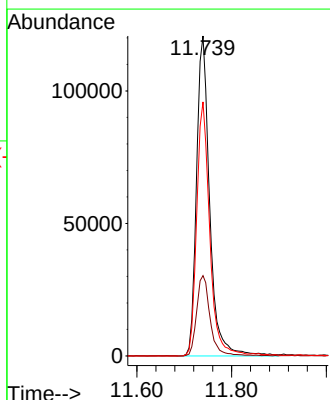
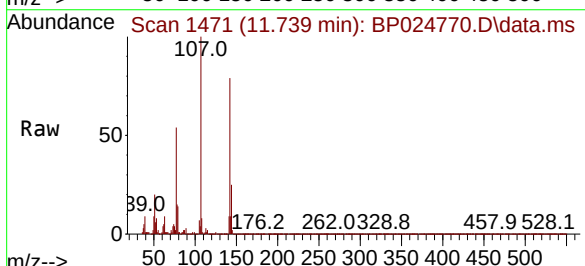
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

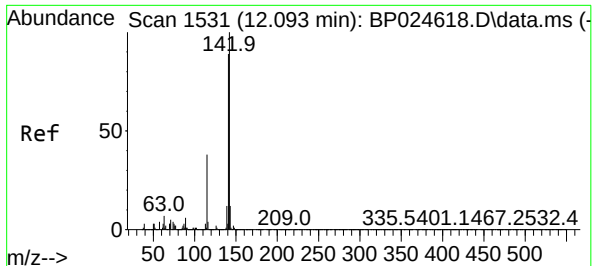
Tgt Ion:113 Resp: 72554
 Ion Ratio Lower Upper
 113 100
 55 132.3 119.0 159.0
 56 108.1 90.3 130.3



#36
 4-Chloro-3-methylphenol
 Concen: 37.911 ng
 RT: 11.739 min Scan# 1471
 Delta R.T. 0.006 min
 Lab File: BP024770.D
 Acq: 22 May 2025 23:09

Tgt Ion:107 Resp: 233417
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.1 30.1
 142 79.4 62.1 93.1

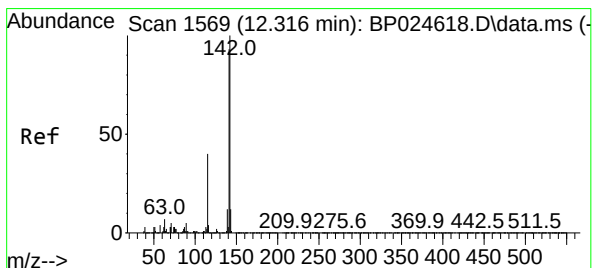
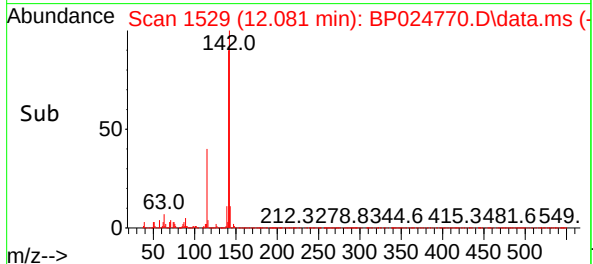
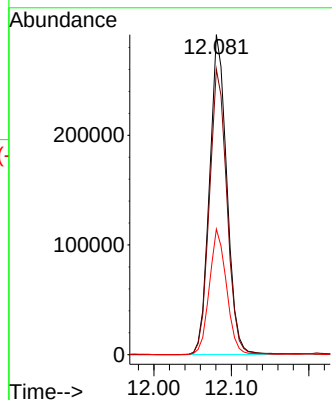
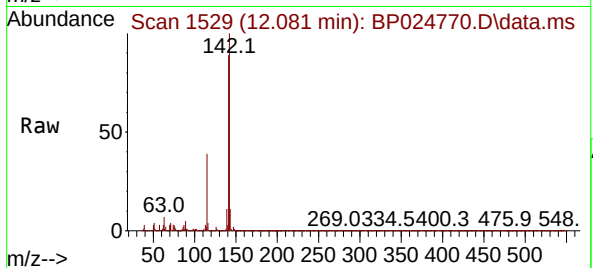




#37
2-Methylnaphthalene
Concen: 38.940 ng
RT: 12.081 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

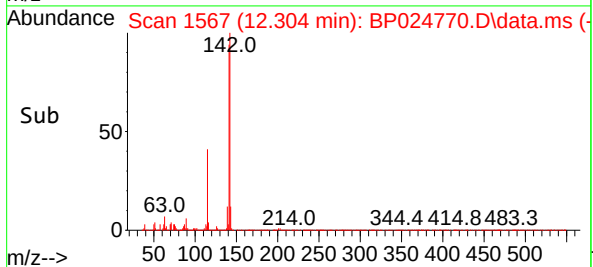
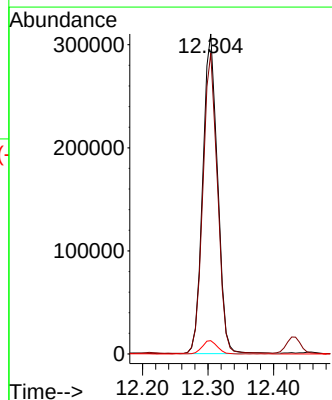
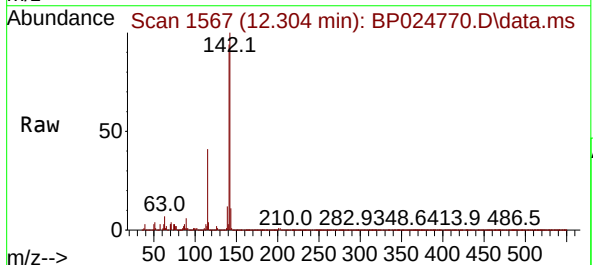
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

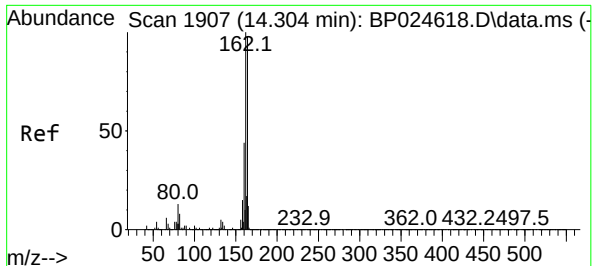
Tgt Ion:142 Resp: 452408
Ion Ratio Lower Upper
142 100
141 89.2 71.2 106.8
115 39.3 30.6 46.0



#38
1-Methylnaphthalene
Concen: 39.142 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:142 Resp: 486578
Ion Ratio Lower Upper
142 100
141 94.0 74.7 112.1
116 4.2 3.4 5.2

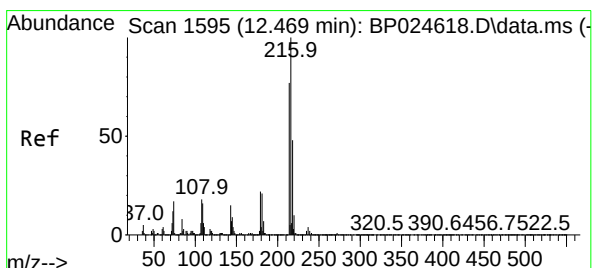
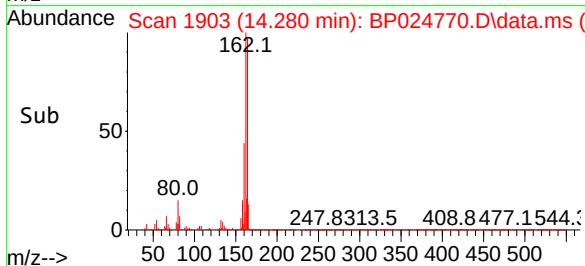
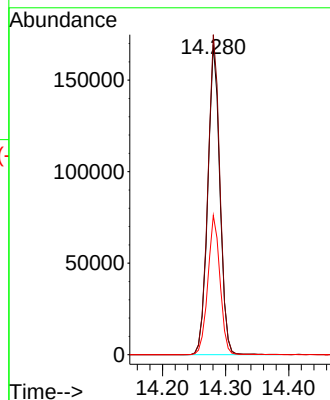
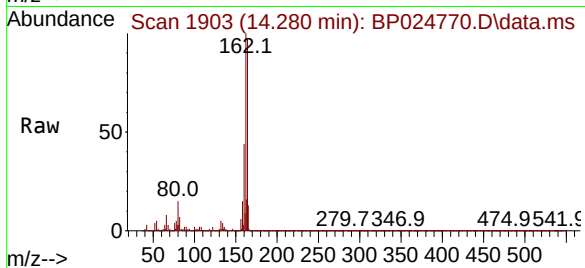




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.280 min Scan# 1903
Delta R.T. -0.024 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

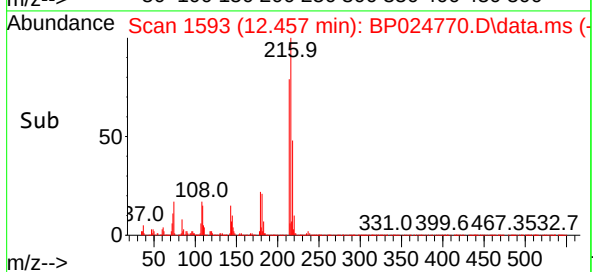
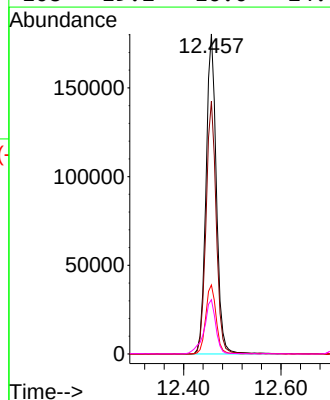
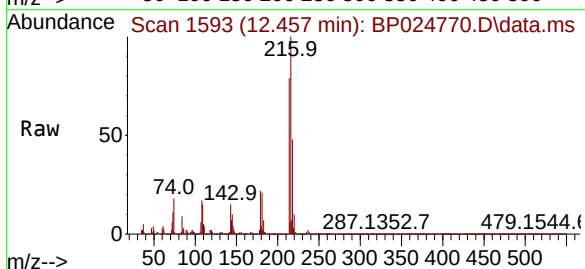
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

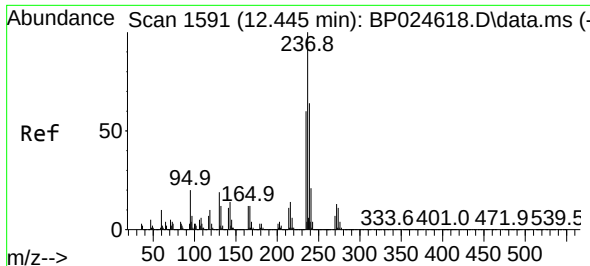
Tgt Ion:164 Resp: 224756
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.6
160 44.9 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.440 ng
RT: 12.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:216 Resp: 263935
Ion Ratio Lower Upper
216 100
214 78.2 62.3 93.5
179 21.8 17.7 26.5
108 19.2 16.0 24.0

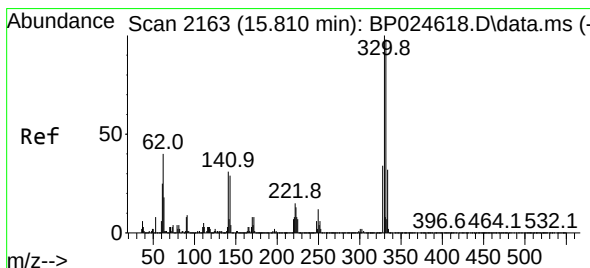
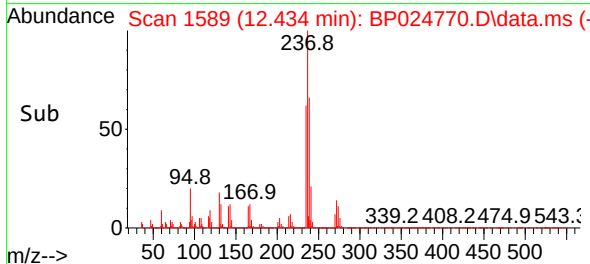
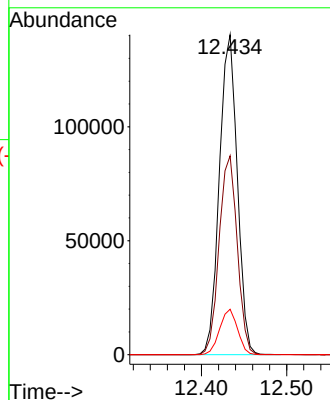
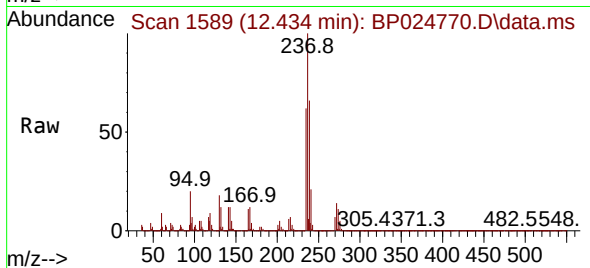




#41
Hexachlorocyclopentadiene
Concen: 51.825 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

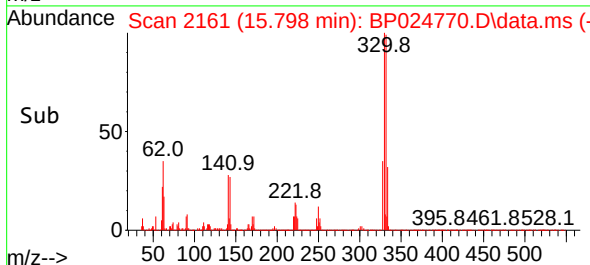
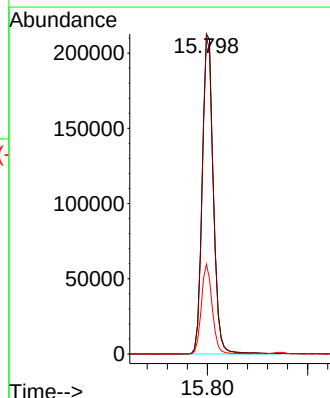
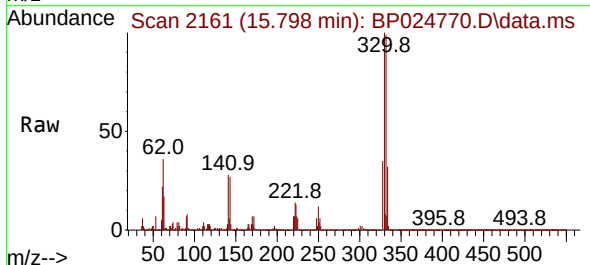
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

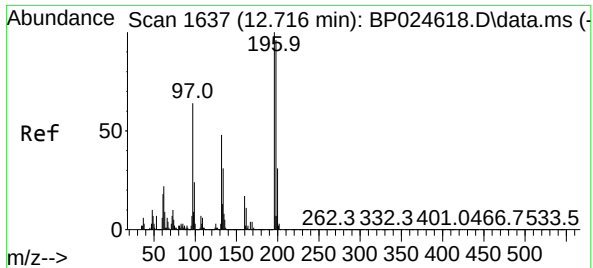
Tgt Ion:237 Resp: 205099
Ion Ratio Lower Upper
237 100
235 62.2 39.9 79.9
272 14.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 86.204 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:330 Resp: 328461
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.4
141 27.1 24.3 36.5

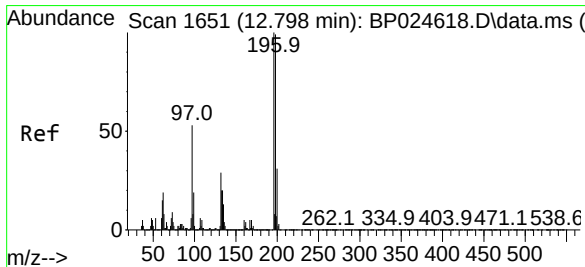
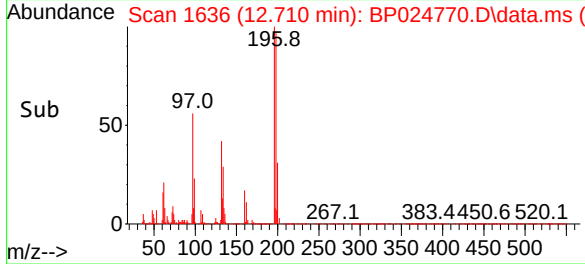
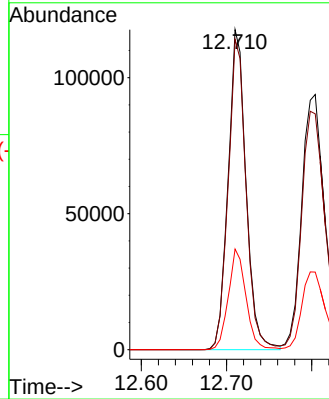
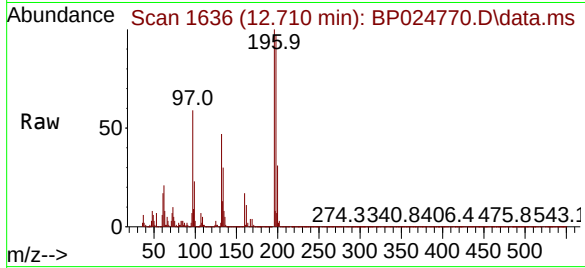




#43
2,4,6-Trichlorophenol
Concen: 40.632 ng
RT: 12.710 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

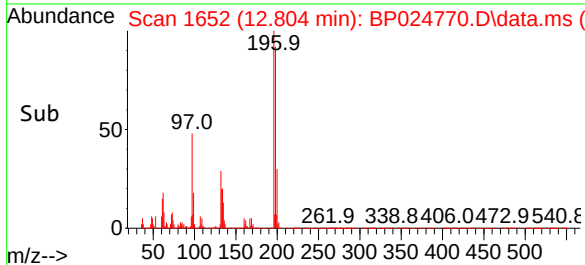
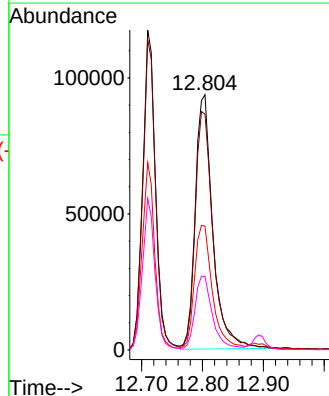
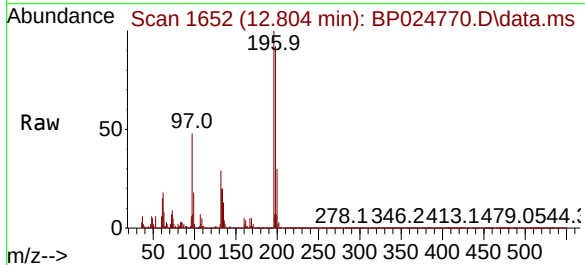
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

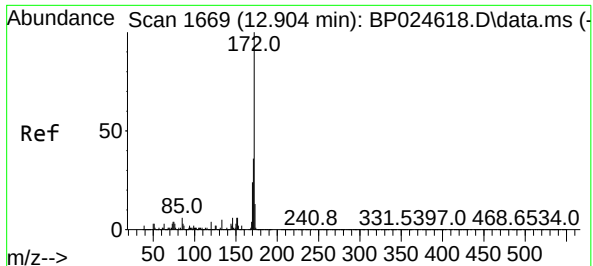
Tgt Ion:196 Resp: 171769
Ion Ratio Lower Upper
196 100
198 96.9 76.9 115.3
200 31.5 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 40.051 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:196 Resp: 188466
Ion Ratio Lower Upper
196 100
198 92.5 79.2 118.8
97 48.4 42.3 63.5
132 28.9 23.3 34.9

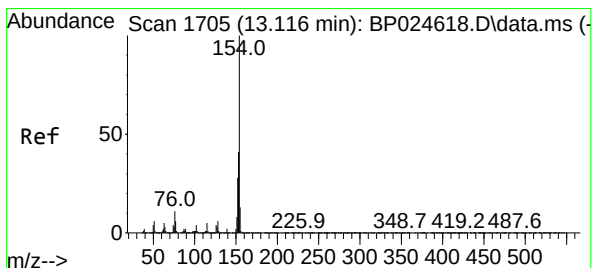
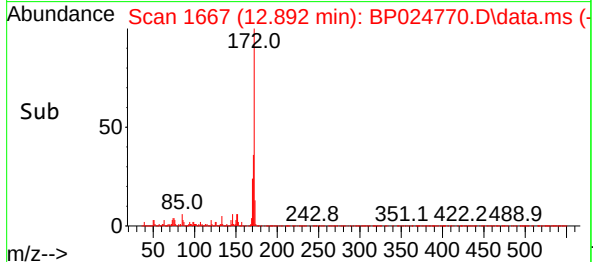
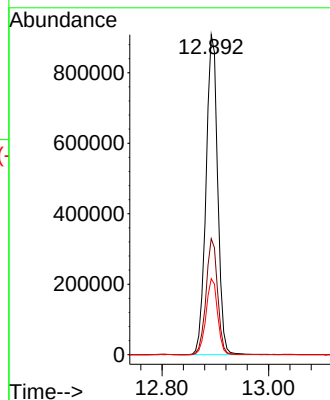
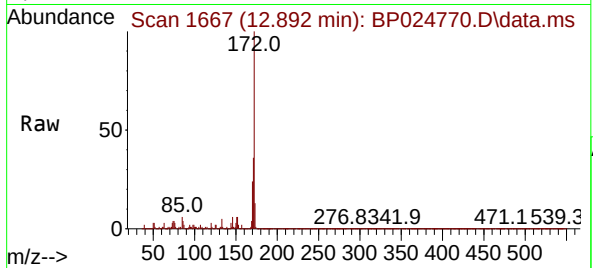




#45
2-Fluorobiphenyl
Concen: 80.205 ng
RT: 12.892 min Scan# 1669
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

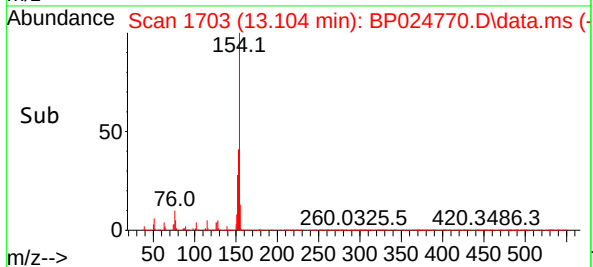
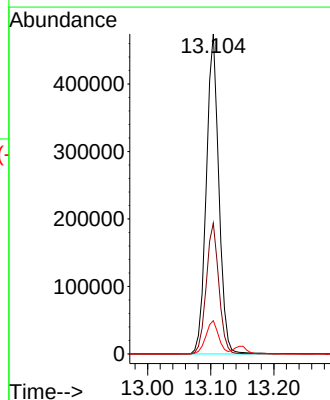
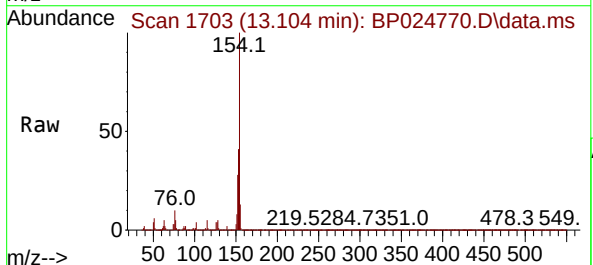
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

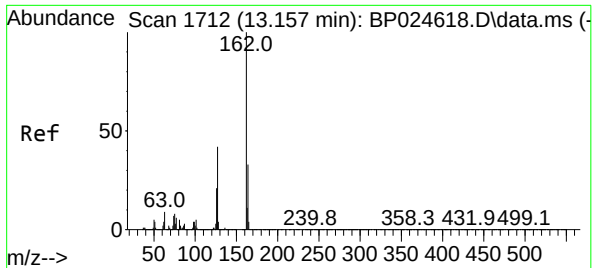
Tgt Ion:172 Resp: 1375946
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 39.307 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:154 Resp: 652970
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 10.4 0.0 31.5

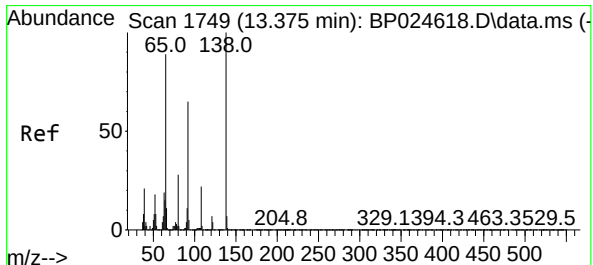
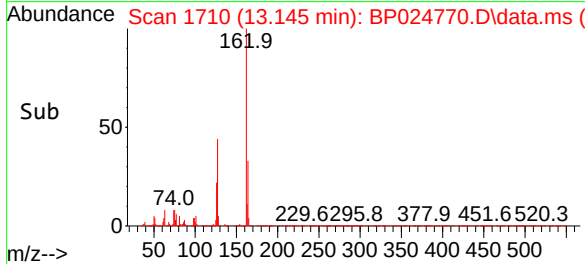
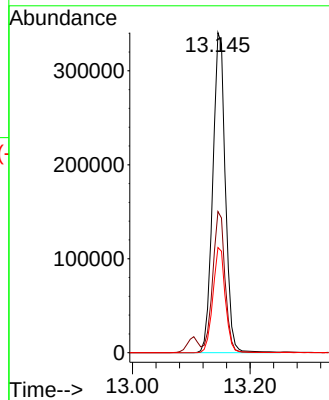
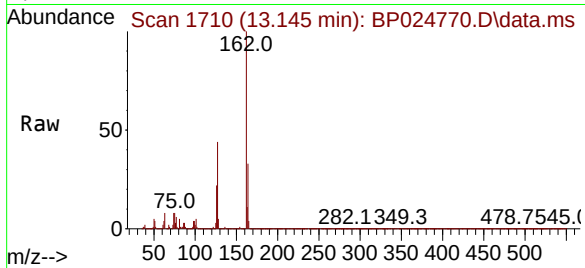




#47
2-Chloronaphthalene
Concen: 39.998 ng
RT: 13.145 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

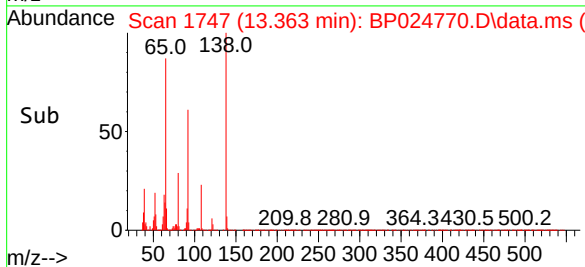
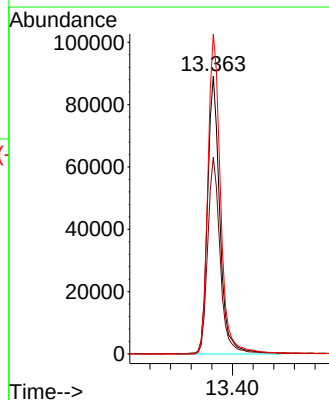
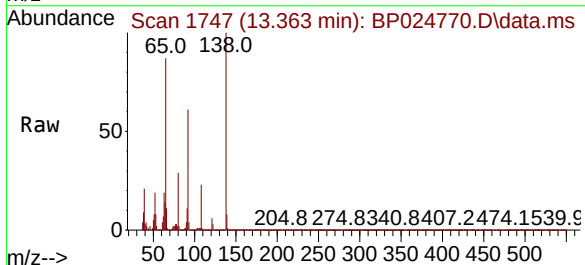
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

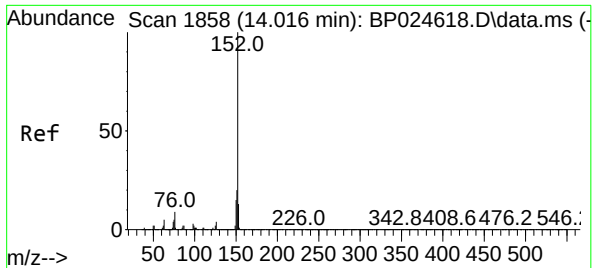
Tgt Ion:162 Resp: 506616
Ion Ratio Lower Upper
162 100
127 44.1 33.8 50.6
164 32.8 26.0 39.0



#48
2-Nitroaniline
Concen: 39.419 ng
RT: 13.363 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion: 65 Resp: 147818
Ion Ratio Lower Upper
65 100
92 70.8 58.7 88.1
138 115.2 90.2 135.2





#49

Acenaphthylene

Concen: 38.161 ng

RT: 13.998 min Scan# 1855

Delta R.T. -0.018 min

Lab File: BP024770.D

Acq: 22 May 2025 23:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

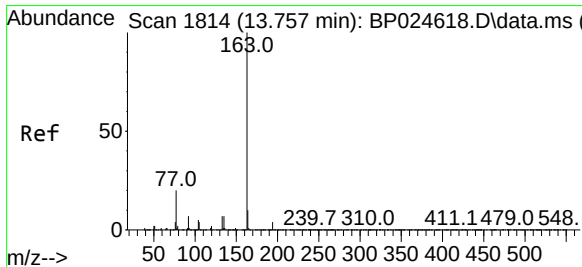
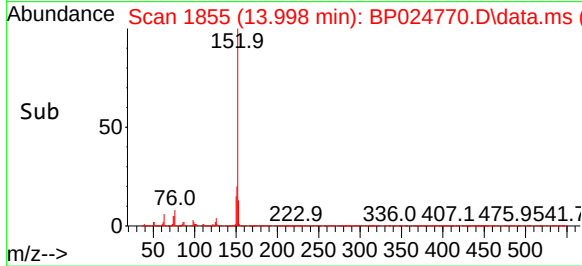
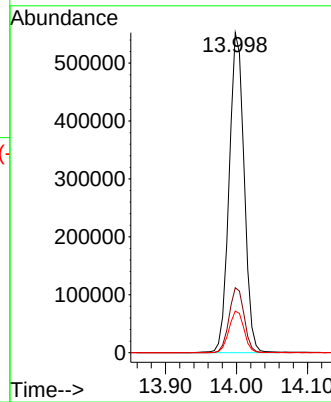
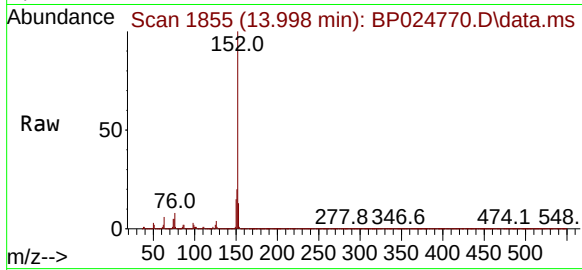
Tgt Ion:152 Resp: 808881

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.0 10.2 15.4



#50

Dimethylphthalate

Concen: 37.106 ng

RT: 13.739 min Scan# 1811

Delta R.T. -0.018 min

Lab File: BP024770.D

Acq: 22 May 2025 23:09

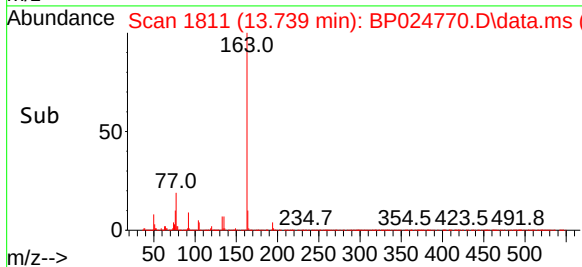
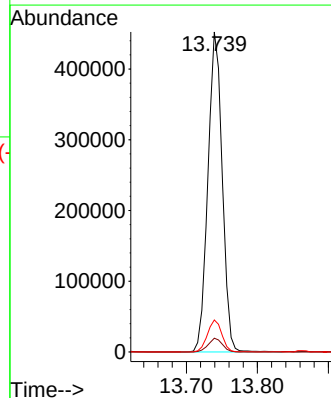
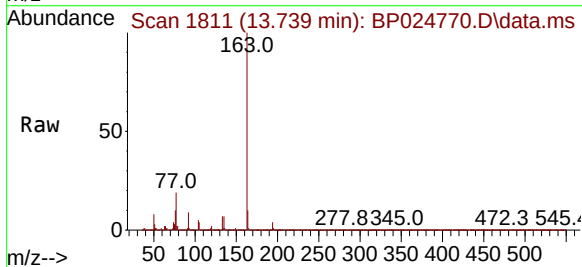
Tgt Ion:163 Resp: 635660

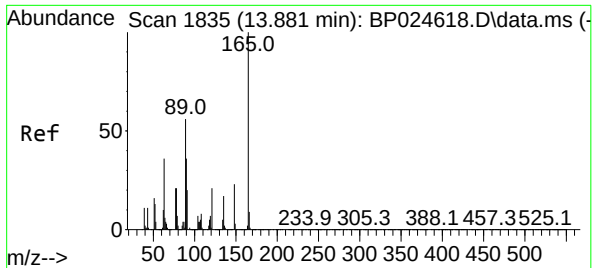
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.0 8.1 12.1

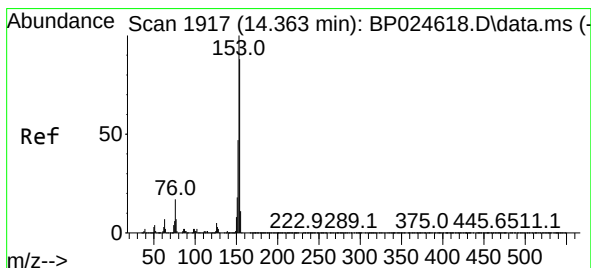
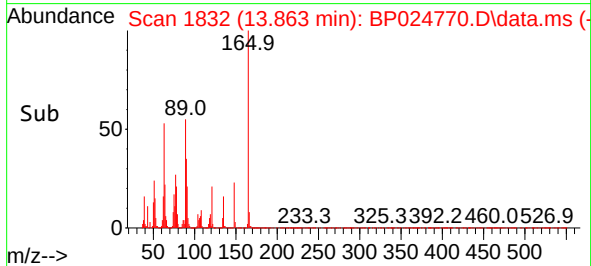
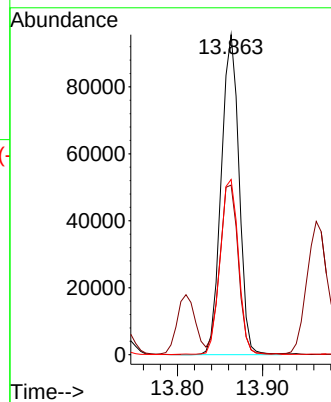
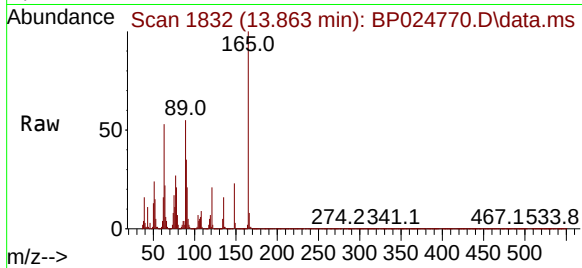




#51
2,6-Dinitrotoluene
Concen: 38.288 ng
RT: 13.863 min Scan# 1832
Delta R.T. -0.018 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

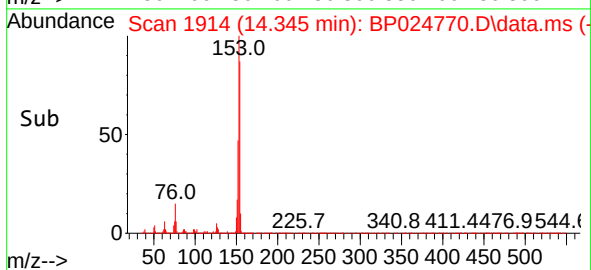
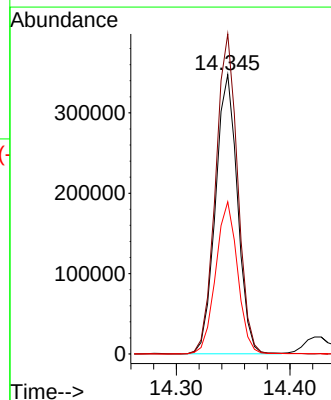
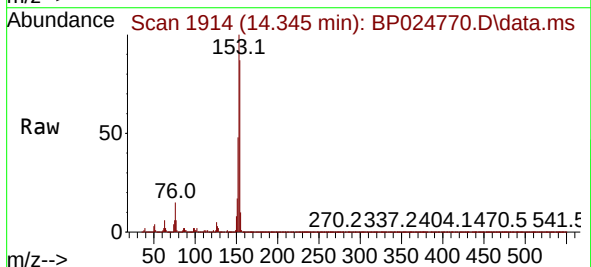
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

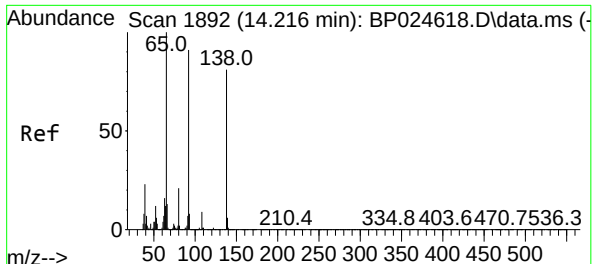
Tgt Ion:165 Resp: 138524
Ion Ratio Lower Upper
165 100
63 53.0 42.4 63.6
89 54.8 44.8 67.2



#52
Acenaphthene
Concen: 38.506 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:154 Resp: 469216
Ion Ratio Lower Upper
154 100
153 114.6 91.0 136.4
152 54.5 42.9 64.3

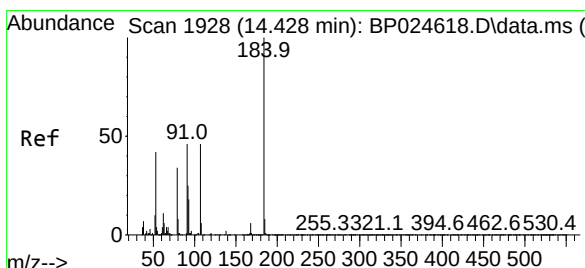
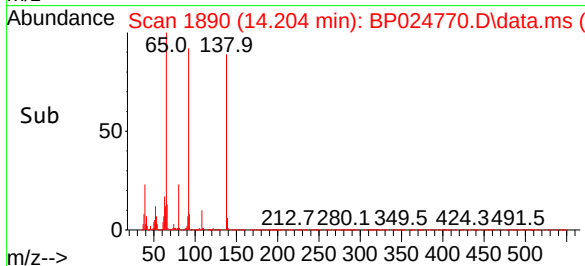
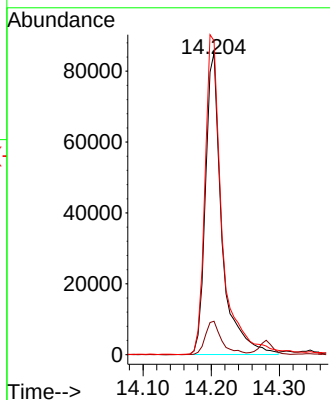
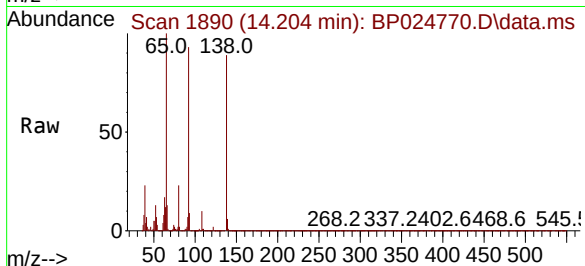




#53
3-Nitroaniline
Concen: 38.603 ng
RT: 14.204 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

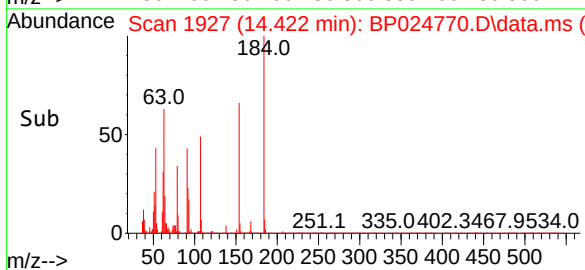
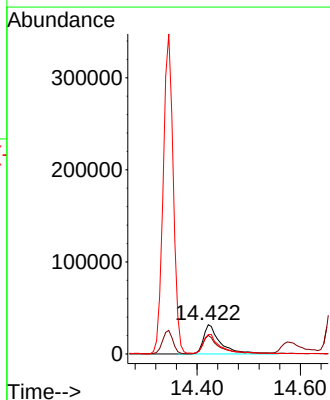
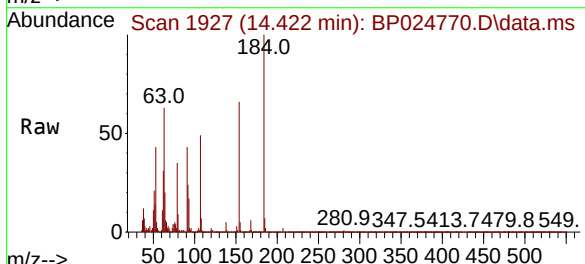
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

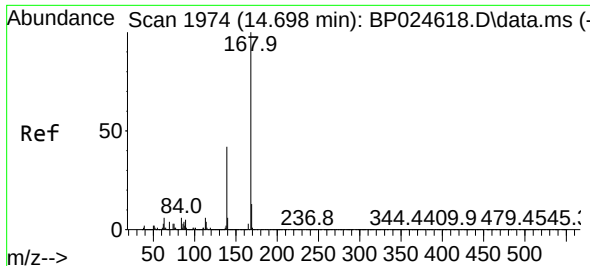
Tgt Ion:138 Resp: 142609
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 104.1 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 35.553 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:184 Resp: 72293
Ion Ratio Lower Upper
184 100
63 63.3 51.3 76.9
154 66.3 53.5 80.3

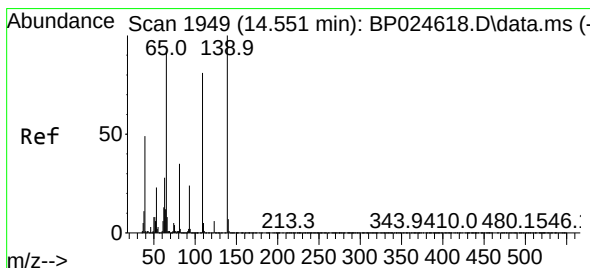
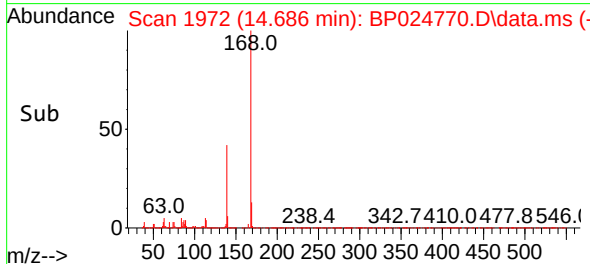
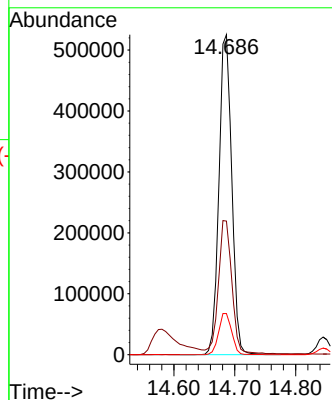
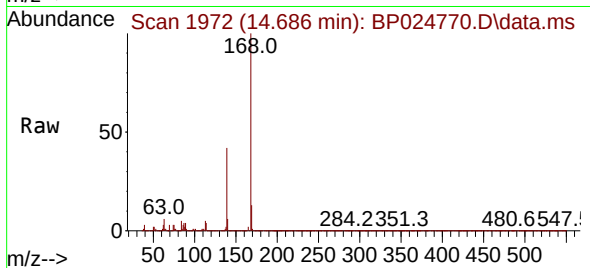




#55
Dibenzenofuran
Concen: 39.301 ng
RT: 14.686 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

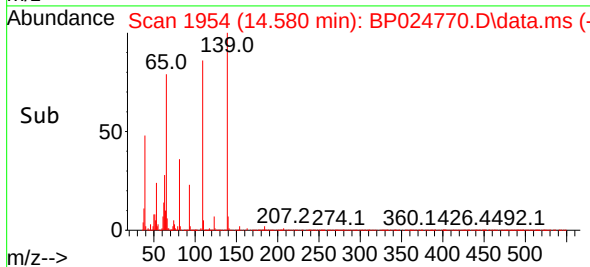
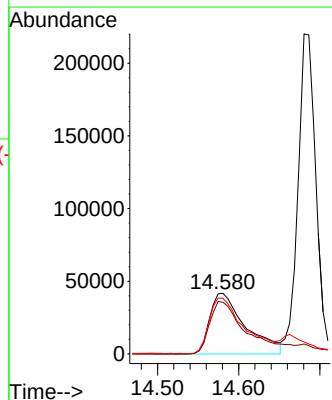
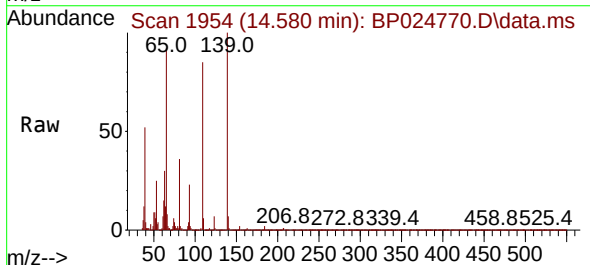
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

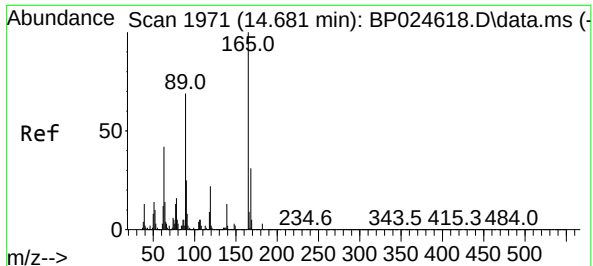
Tgt Ion:168 Resp: 763888
Ion Ratio Lower Upper
168 100
139 41.8 34.2 51.4
169 12.8 10.8 16.2



#56
4-Nitrophenol
Concen: 42.016 ng
RT: 14.580 min Scan# 1954
Delta R.T. 0.029 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:139 Resp: 127590
Ion Ratio Lower Upper
139 100
109 85.2 61.4 101.4
65 92.0 72.2 112.2

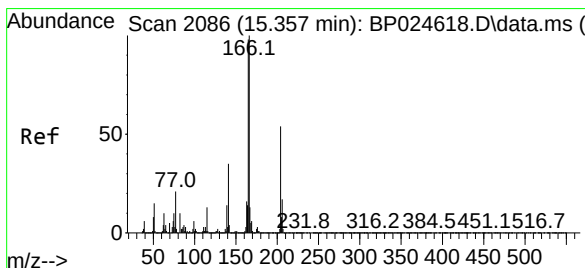
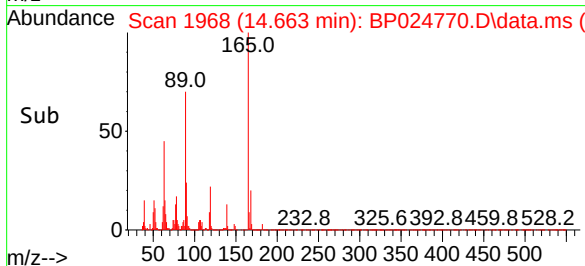
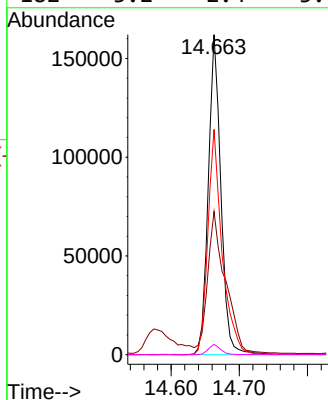
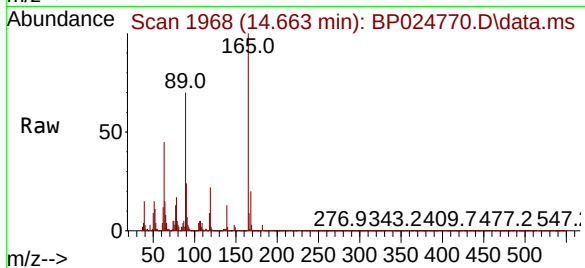




#57
2,4-Dinitrotoluene
Concen: 40.839 ng
RT: 14.663 min Scan# 1971
Delta R.T. -0.018 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

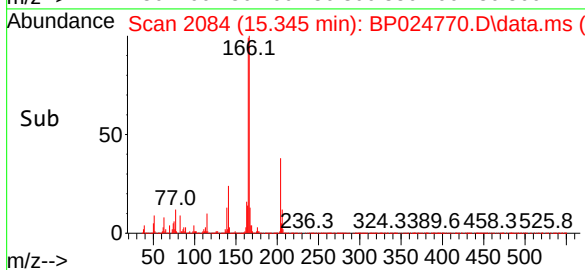
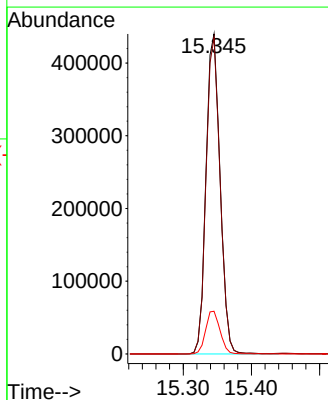
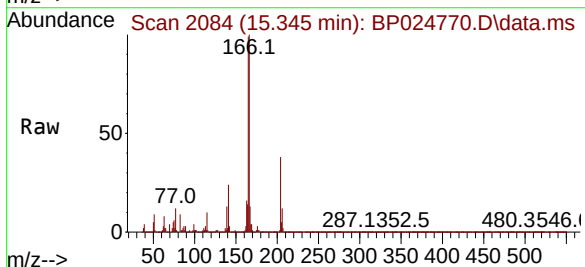
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

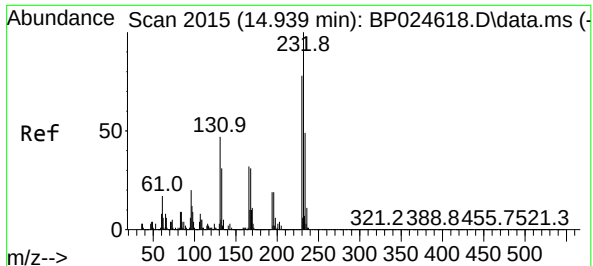
Tgt Ion:165 Resp: 208304
Ion Ratio Lower Upper
165 100
63 44.7 33.8 50.6
89 70.4 55.6 83.4
182 3.2 2.4 3.6



#58
Fluorene
Concen: 39.899 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:166 Resp: 632338
Ion Ratio Lower Upper
166 100
165 98.9 78.5 117.7
167 13.3 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.525 ng

RT: 14.933 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BP024770.D

Acq: 22 May 2025 23:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 176897

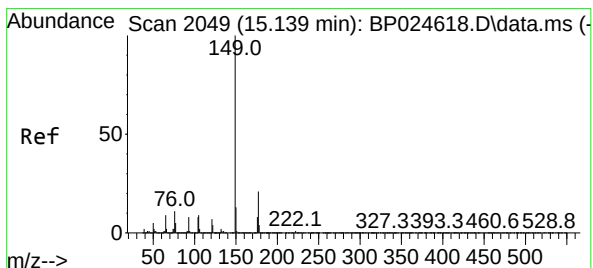
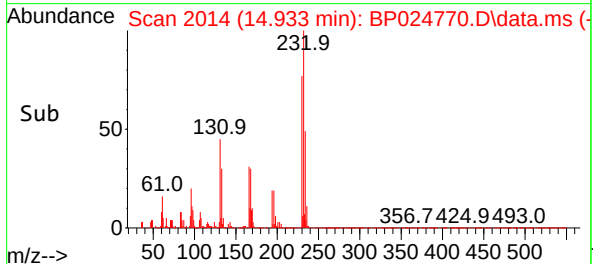
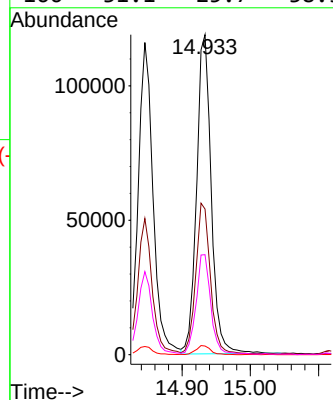
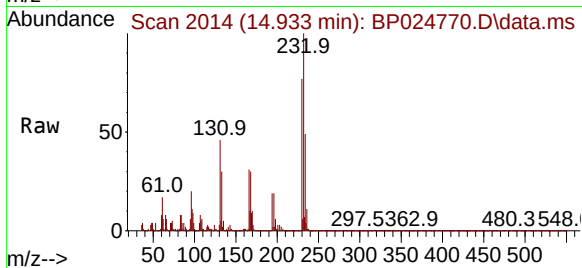
Ion Ratio Lower Upper

232 100

131 46.7 39.5 59.3

130 2.9 2.2 3.4

166 31.1 25.7 38.5



#60

Diethylphthalate

Concen: 37.986 ng

RT: 15.116 min Scan# 2045

Delta R.T. -0.024 min

Lab File: BP024770.D

Acq: 22 May 2025 23:09

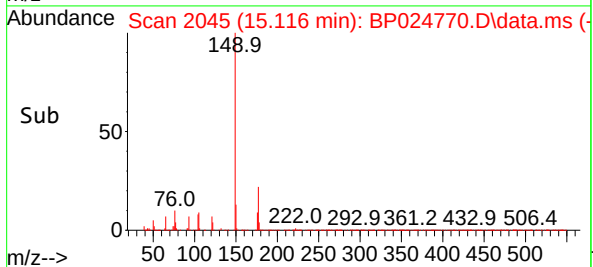
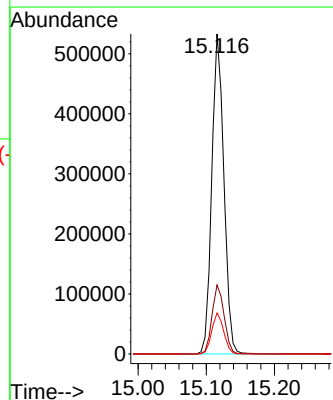
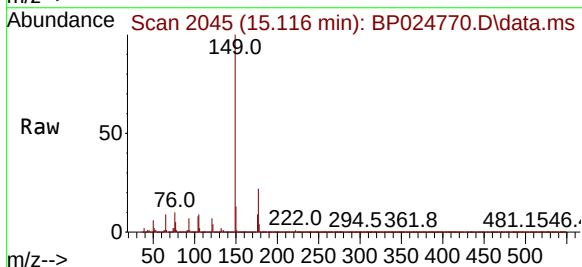
Tgt Ion:149 Resp: 657707

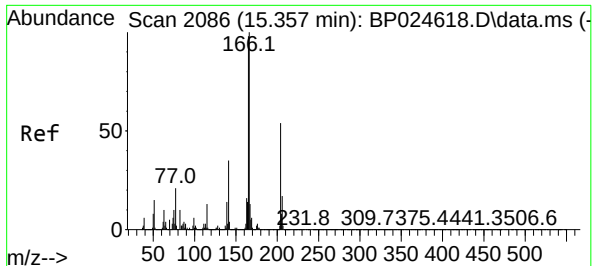
Ion Ratio Lower Upper

149 100

177 21.5 16.7 25.1

150 12.8 10.2 15.2

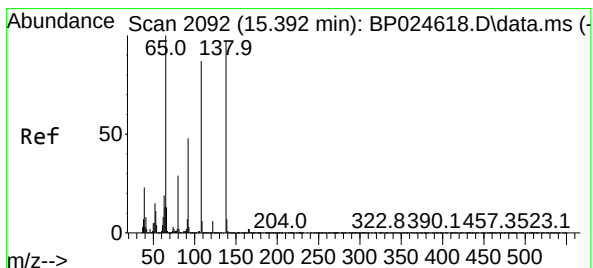
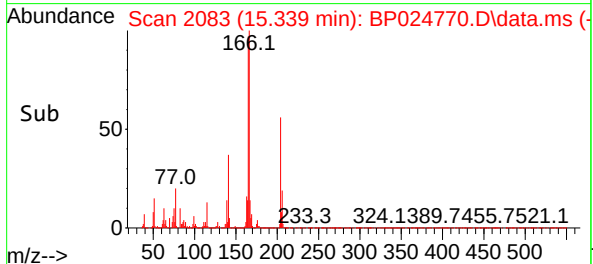
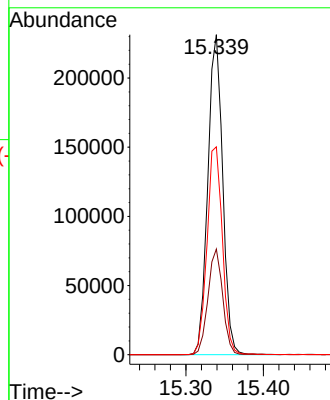
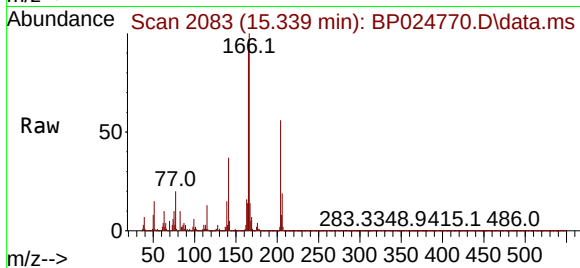




#61
4-Chlorophenyl-phenylether
Concen: 38.979 ng
RT: 15.339 min Scan# 2083
Delta R.T. -0.018 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

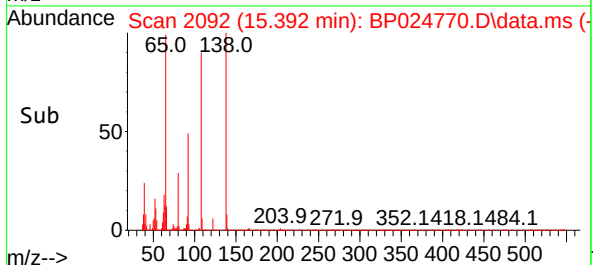
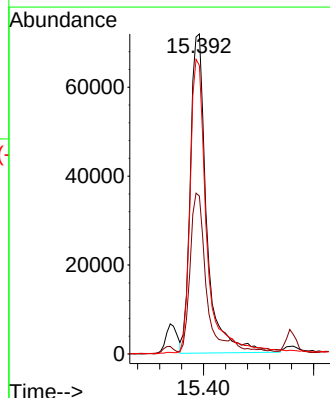
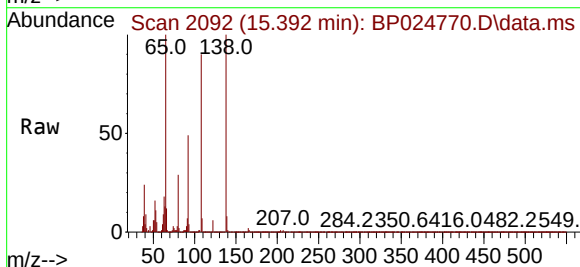
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

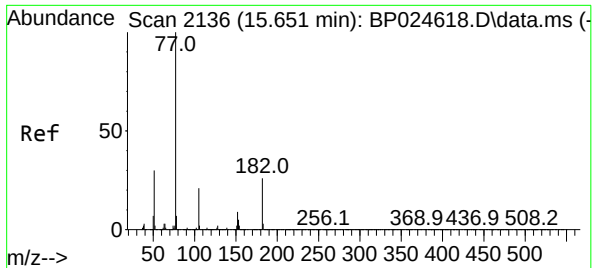
Tgt Ion:204 Resp: 308082
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 65.0 52.9 79.3



#62
4-Nitroaniline
Concen: 41.561 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:138 Resp: 148251
Ion Ratio Lower Upper
138 100
92 49.3 29.2 69.2
108 90.1 69.0 109.0

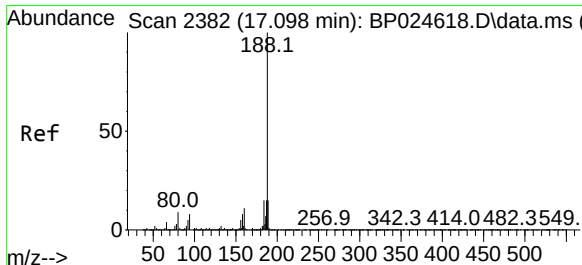
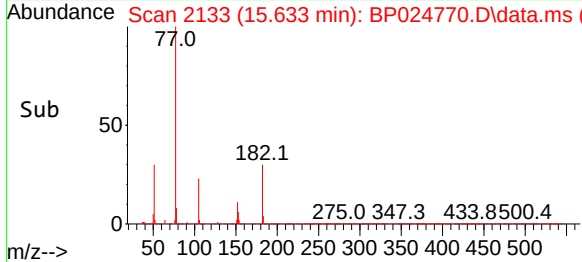
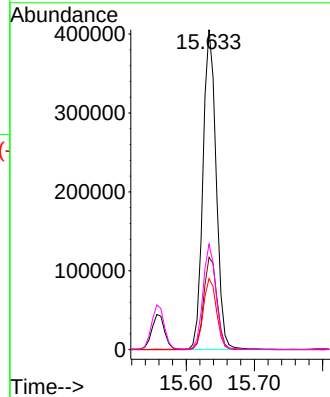
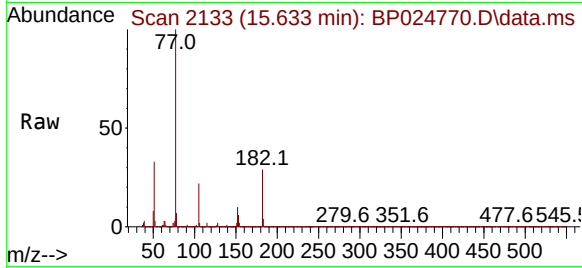




#63
Azobenzene
Concen: 36.825 ng
RT: 15.633 min Scan# 2136
Delta R.T. -0.018 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

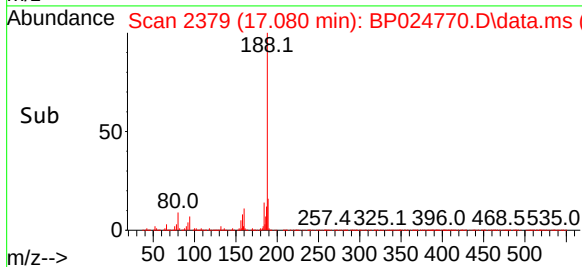
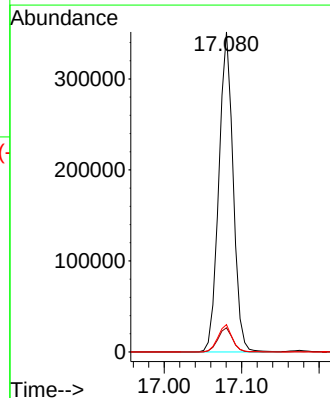
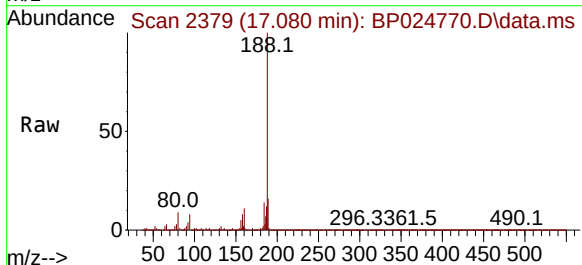
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

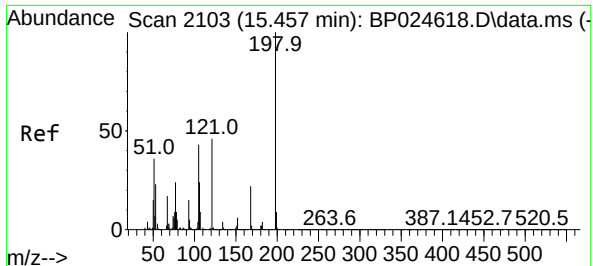
Tgt Ion:	77	Resp:	545450
Ion	Ratio	Lower	Upper
77	100		
182	28.8	5.7	45.7
105	22.2	1.3	41.3
51	33.0	10.6	50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.080 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:	188	Resp:	450660
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.5	9.7
80	8.6	7.3	10.9

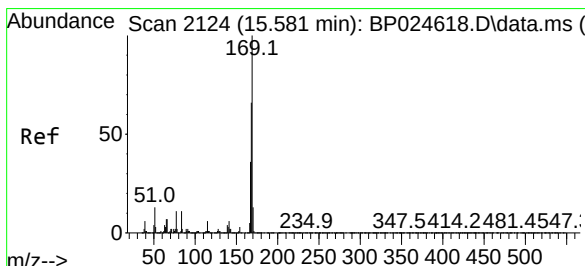
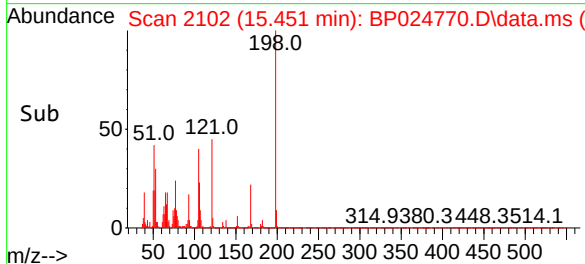
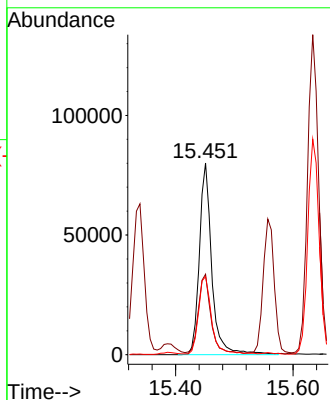
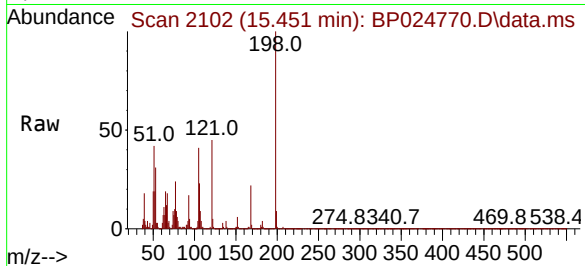




#65
4,6-Dinitro-2-methylphenol
Concen: 40.350 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

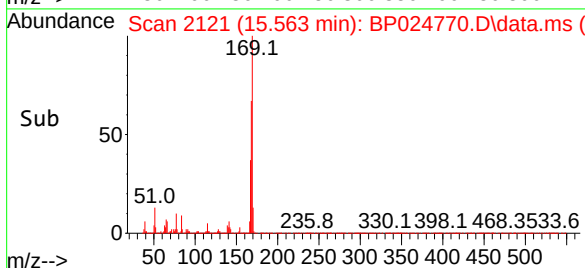
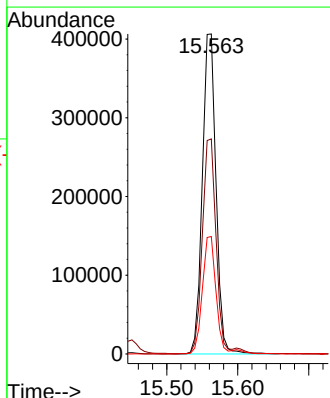
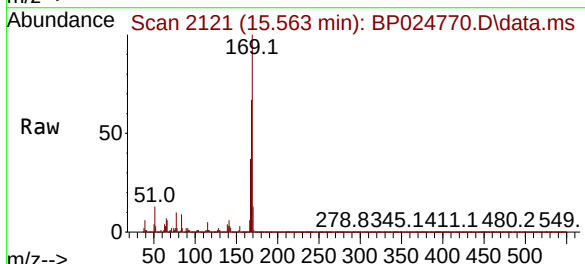
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

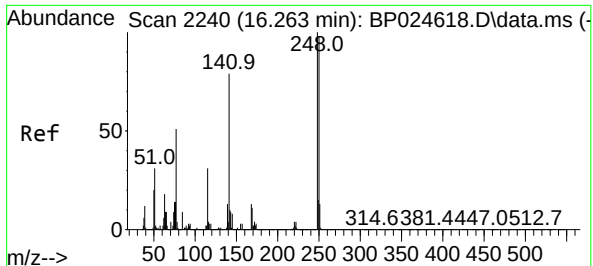
Tgt Ion:198 Resp: 117458
Ion Ratio Lower Upper
198 100
51 42.0 21.1 61.1
105 40.7 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 39.378 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:169 Resp: 545093
Ion Ratio Lower Upper
169 100
168 67.2 53.2 79.8
167 36.7 28.6 43.0

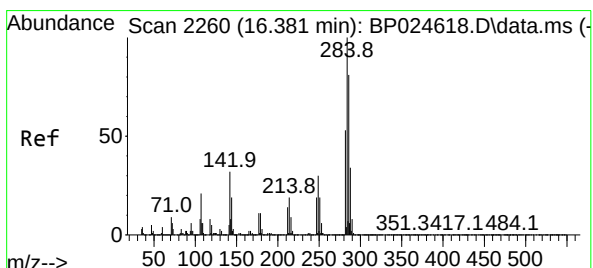
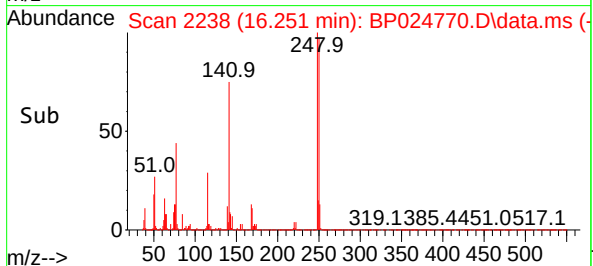
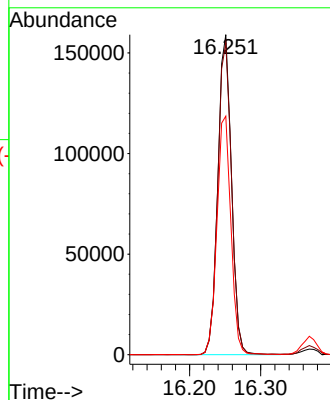
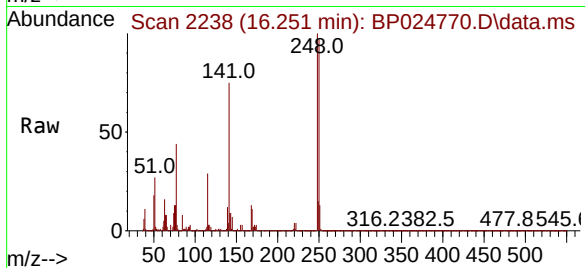




#67
4-Bromophenyl-phenylether
Concen: 39.987 ng
RT: 16.251 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

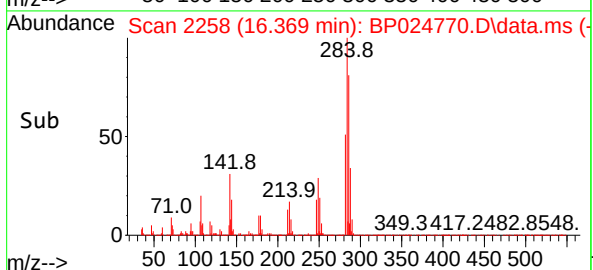
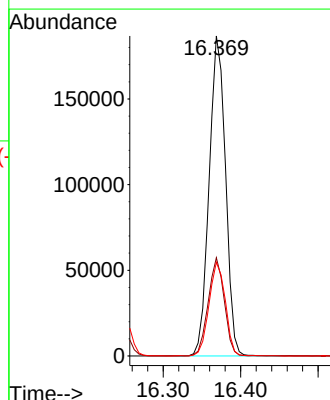
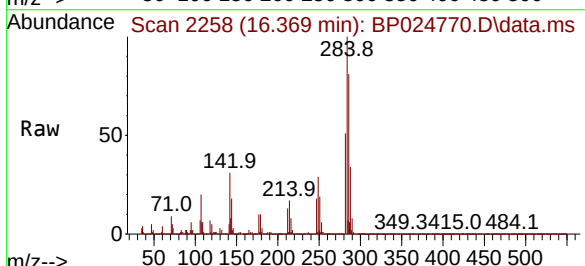
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

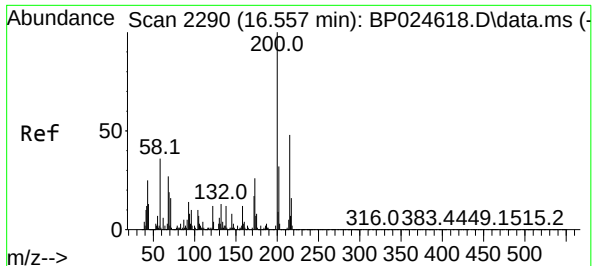
Tgt Ion:248 Resp: 212342
Ion Ratio Lower Upper
248 100
250 97.5 78.2 117.4
141 74.6 63.0 94.6



#68
Hexachlorobenzene
Concen: 40.639 ng
RT: 16.369 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:284 Resp: 274224
Ion Ratio Lower Upper
284 100
142 30.7 25.9 38.9
249 29.3 24.1 36.1

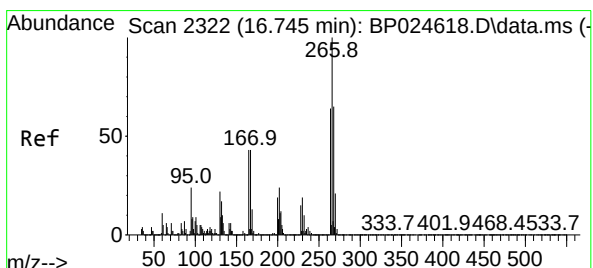
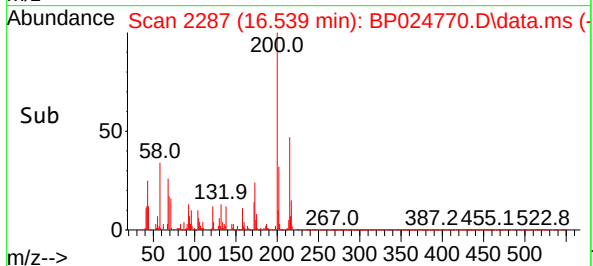
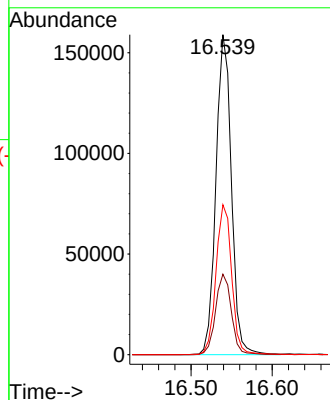
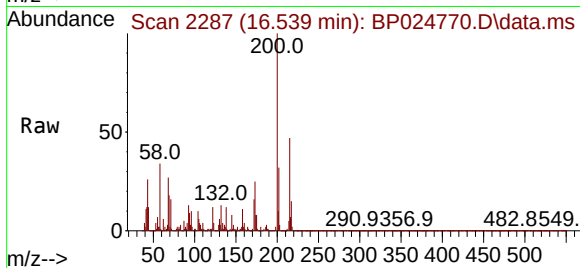




#69
Atrazine
Concen: 41.449 ng
RT: 16.539 min Scan# 210267
Delta R.T. -0.018 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

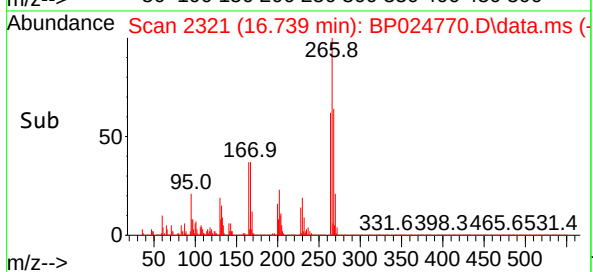
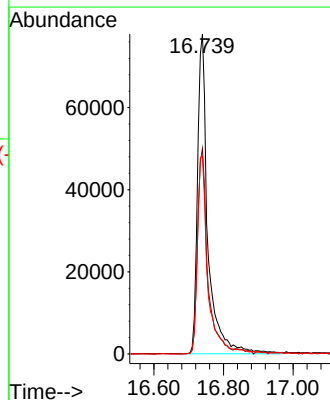
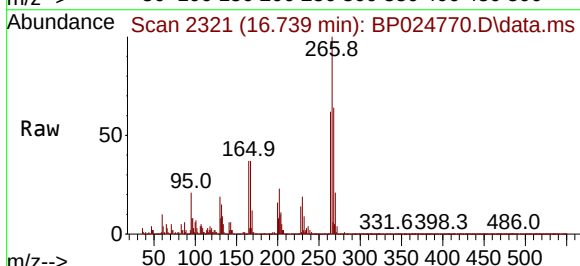
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

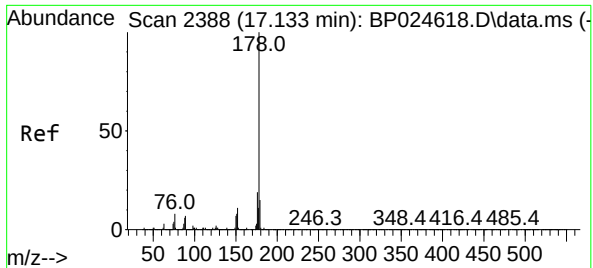
Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.9	45.9
215	46.9	28.3	68.3



#70
Pentachlorophenol
Concen: 42.628 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.2	78.4
264	61.9	51.1	76.7

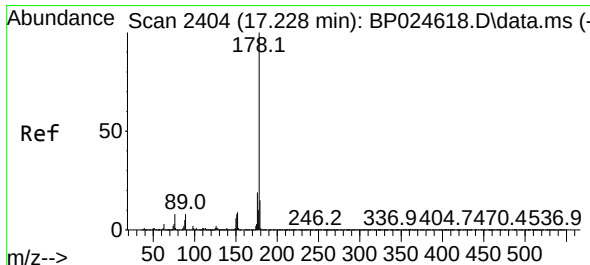
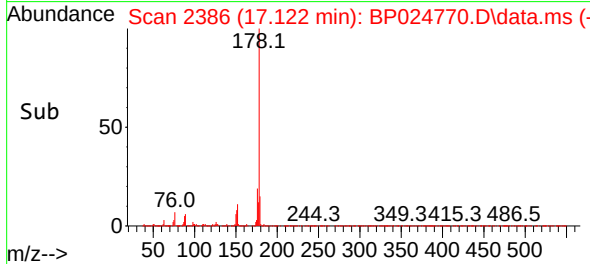
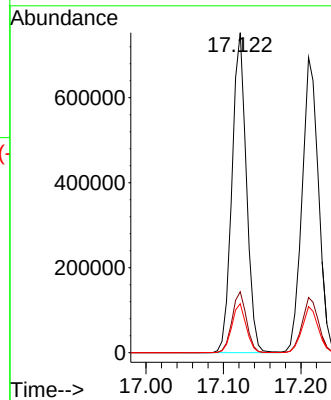
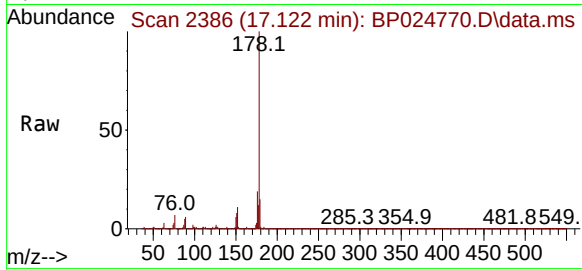




#71
Phenanthrene
Concen: 39.002 ng
RT: 17.122 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

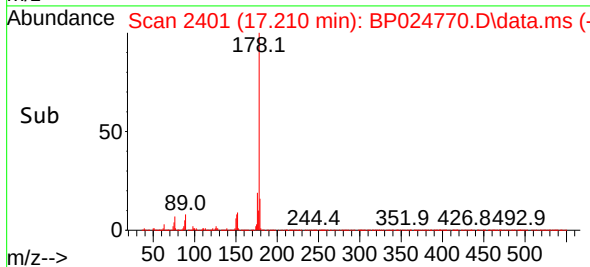
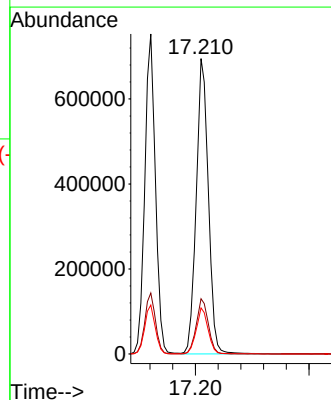
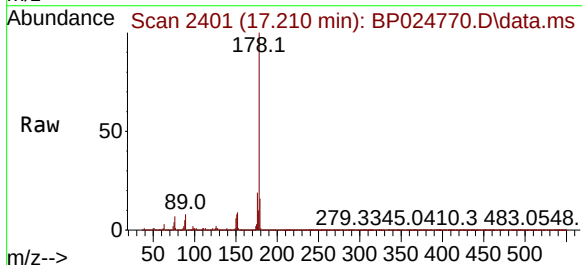
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

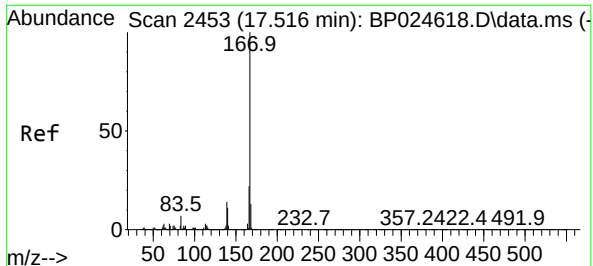
Tgt Ion:178 Resp: 977097
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.3 12.2 18.4



#72
Anthracene
Concen: 40.961 ng
RT: 17.210 min Scan# 2401
Delta R.T. -0.018 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:178 Resp: 1032456
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.6 12.2 18.2

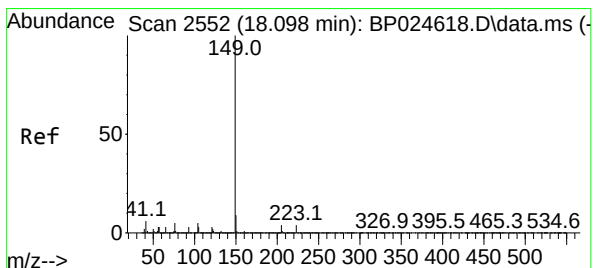
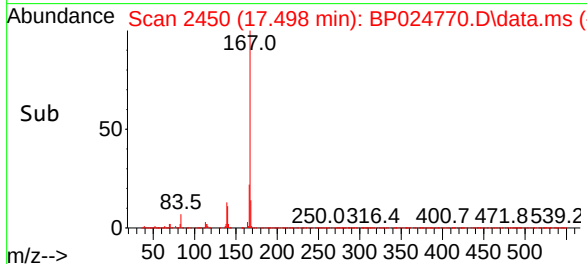
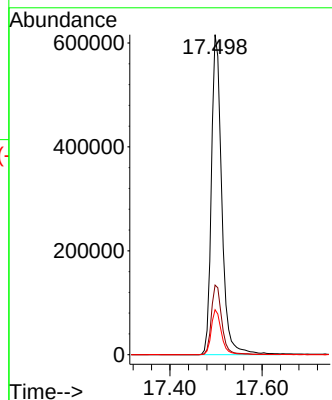
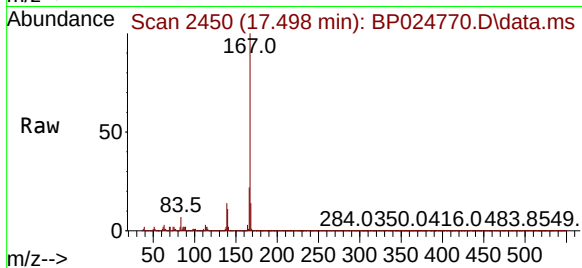




#73
Carbazole
Concen: 42.429 ng
RT: 17.498 min Scan# 2450
Delta R.T. -0.018 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

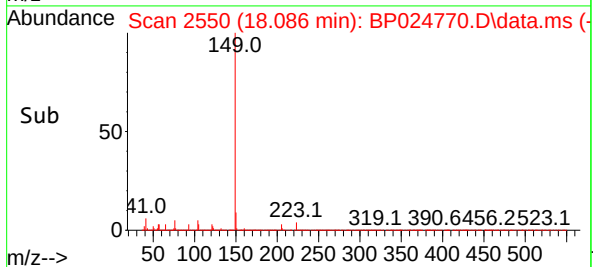
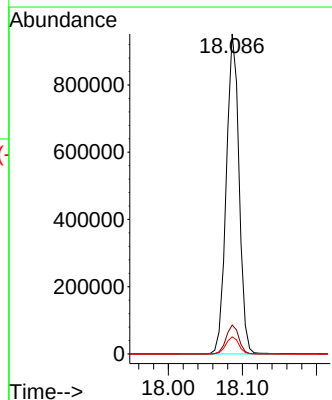
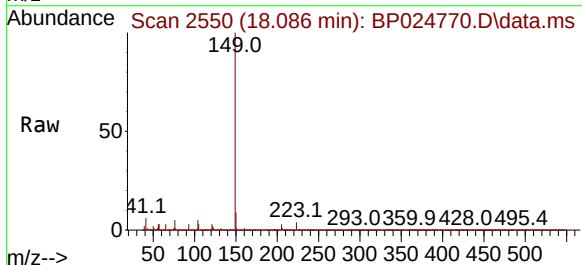
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

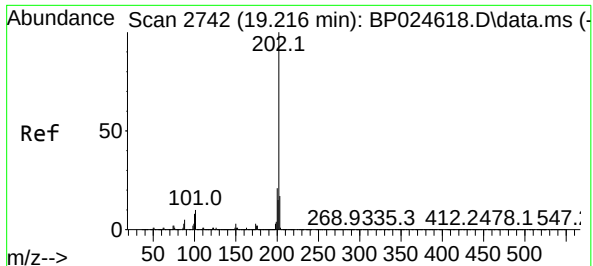
Tgt Ion:167 Resp: 967976
Ion Ratio Lower Upper
167 100
166 21.8 17.7 26.5
139 14.0 11.3 16.9



#74
Di-n-butylphthalate
Concen: 38.824 ng
RT: 18.086 min Scan# 2550
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:149 Resp: 1139117
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 5.3 4.3 6.5

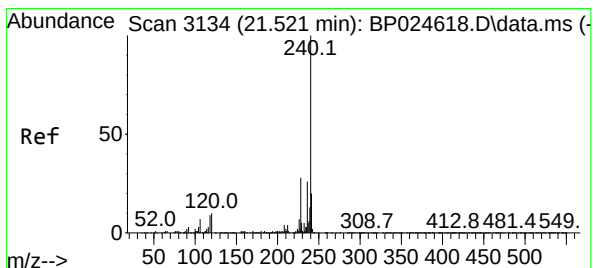
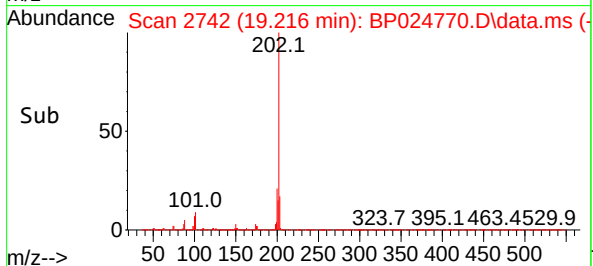
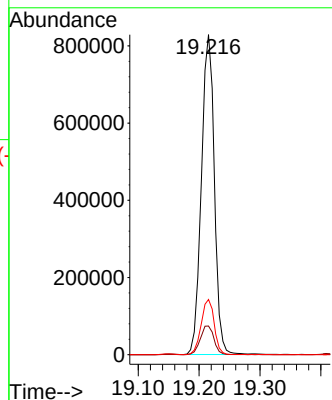
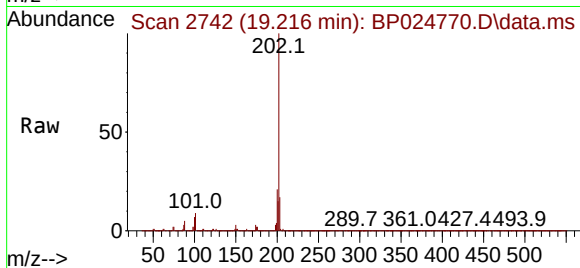




#75
Fluoranthene
Concen: 41.945 ng
RT: 19.216 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

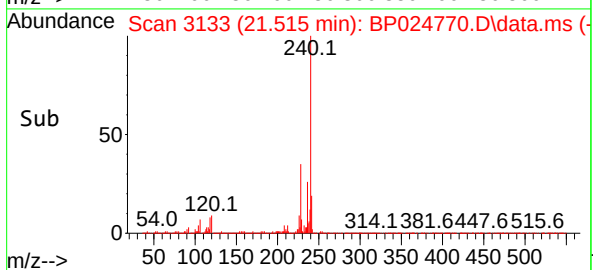
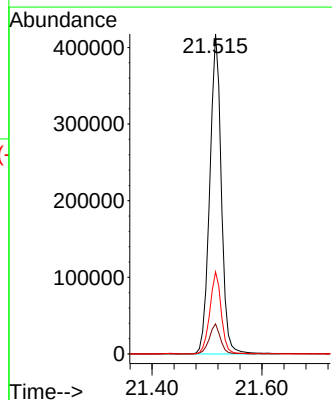
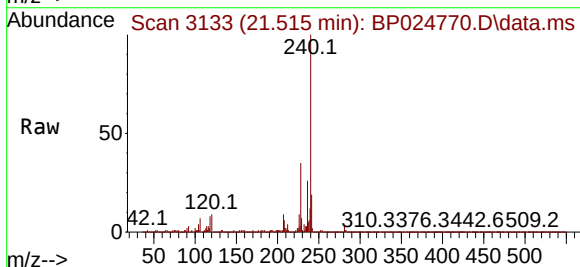
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

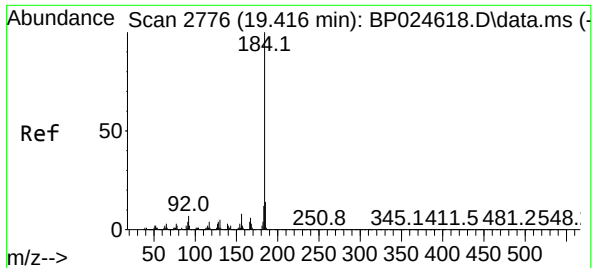
Tgt Ion:202 Resp: 1228369
Ion Ratio Lower Upper
202 100
101 8.9 0.0 30.3
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:240 Resp: 607461
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 25.6 20.6 31.0

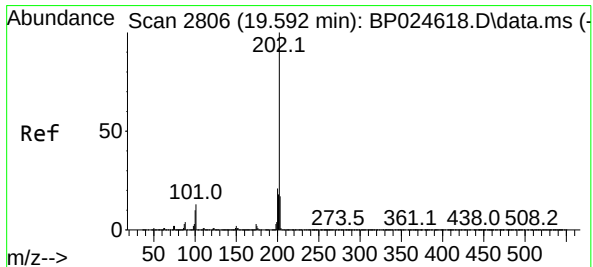
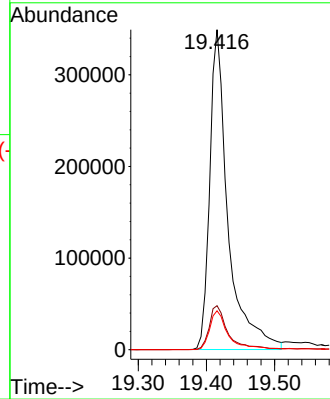
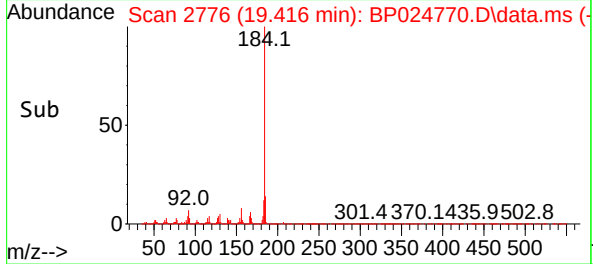
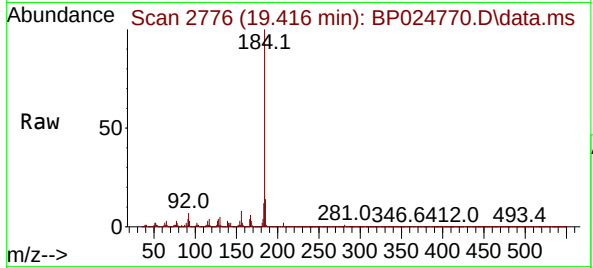




#77
Benzidine
Concen: 39.377 ng
RT: 19.416 min Scan# 2776
Delta R.T. -0.000 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

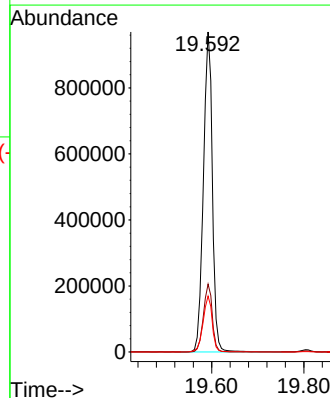
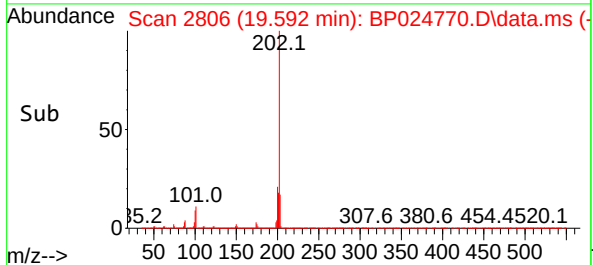
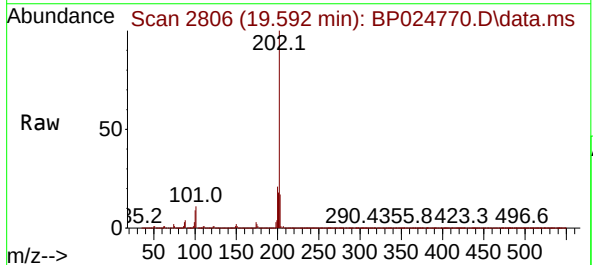
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

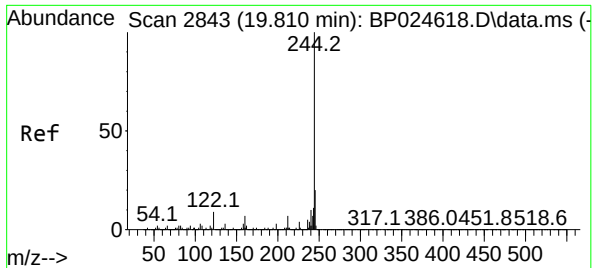
Tgt Ion:184 Resp: 651486
Ion Ratio Lower Upper
184 100
185 13.7 11.2 16.8
183 12.2 9.8 14.8



#78
Pyrene
Concen: 36.097 ng
RT: 19.592 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:202 Resp: 1313857
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.4 13.9 20.9

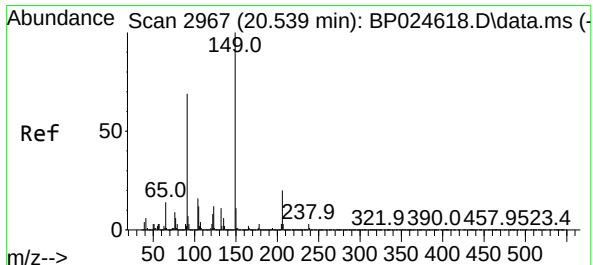
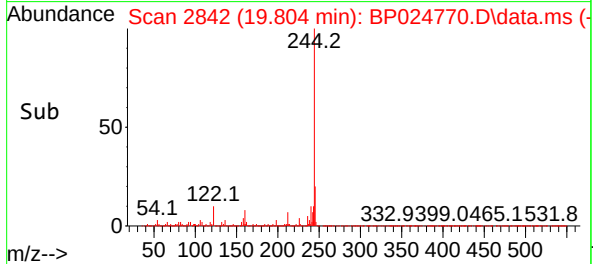
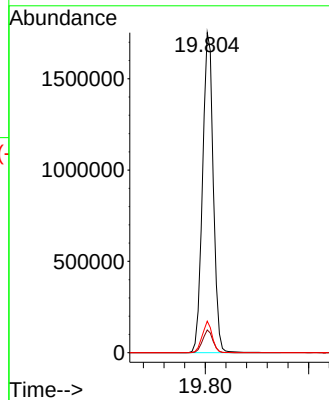
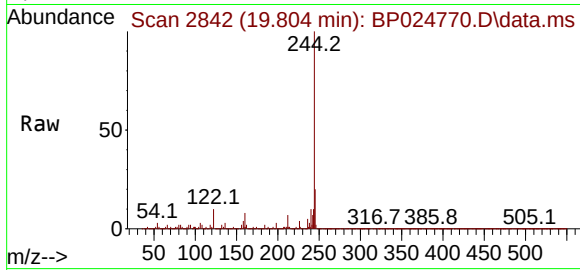




#79
Terphenyl-d14
Concen: 71.158 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

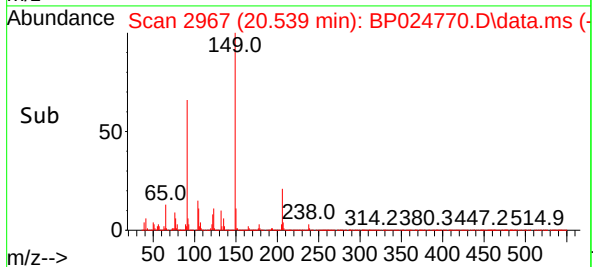
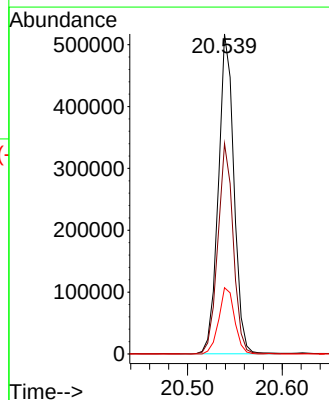
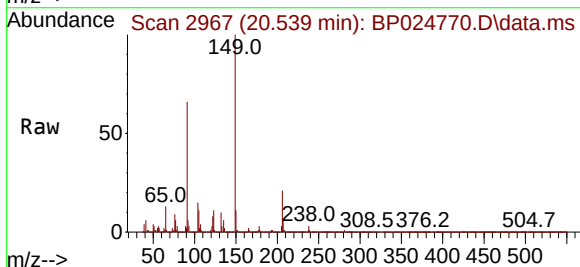
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

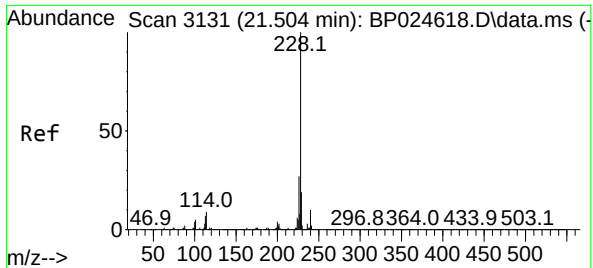
Tgt Ion:244 Resp: 2520904
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 9.8 7.4 11.0



#80
Butylbenzylphthalate
Concen: 36.434 ng
RT: 20.539 min Scan# 2967
Delta R.T. -0.000 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:149 Resp: 589778
Ion Ratio Lower Upper
149 100
91 65.7 55.4 83.0
206 20.7 16.2 24.2

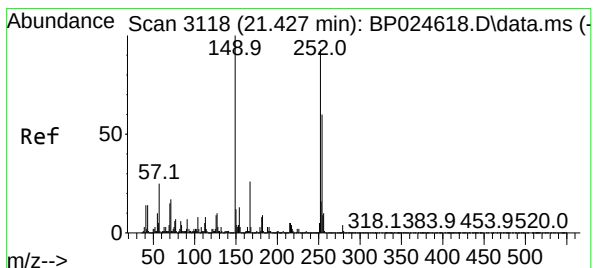
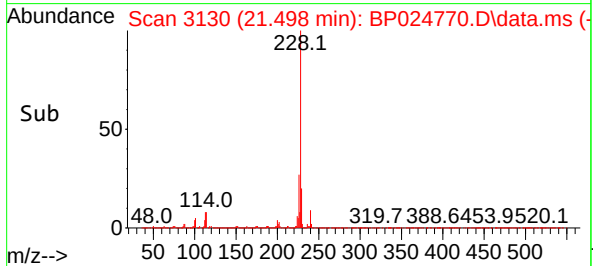
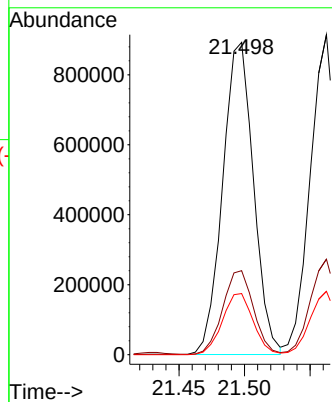
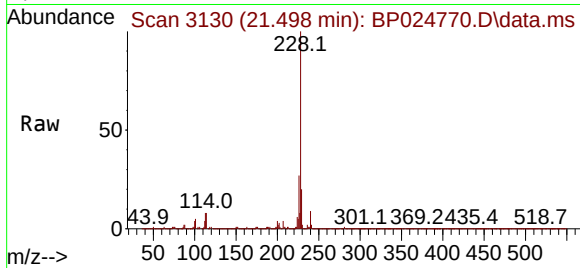




#81
Benzo(a)anthracene
Concen: 38.332 ng
RT: 21.498 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

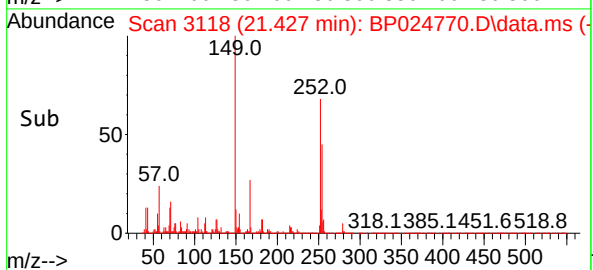
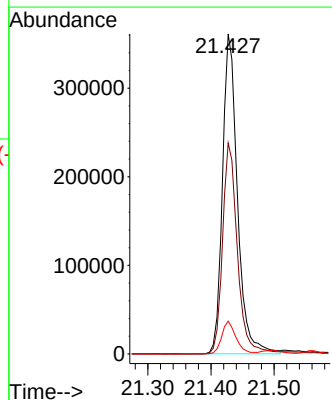
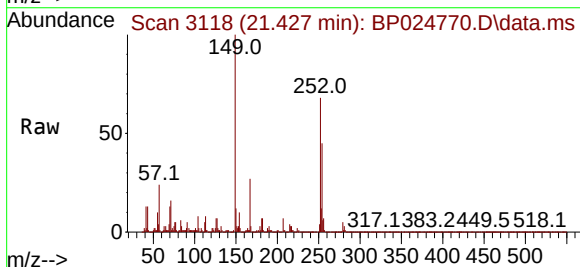
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

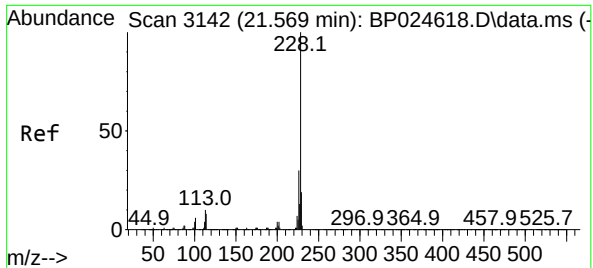
Tgt Ion:228 Resp: 1462106
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 19.6 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 42.033 ng
RT: 21.427 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:252 Resp: 595491
Ion Ratio Lower Upper
252 100
254 66.0 51.8 77.6
126 10.2 7.7 11.5

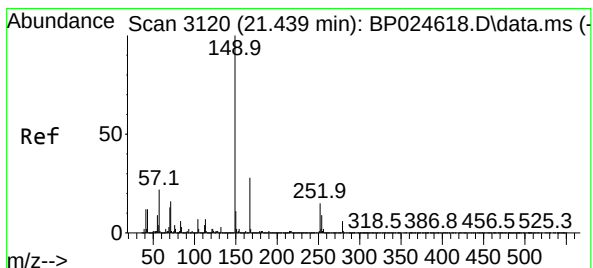
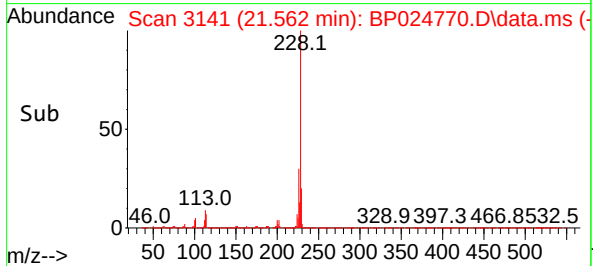
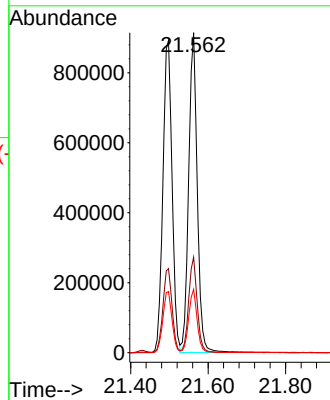
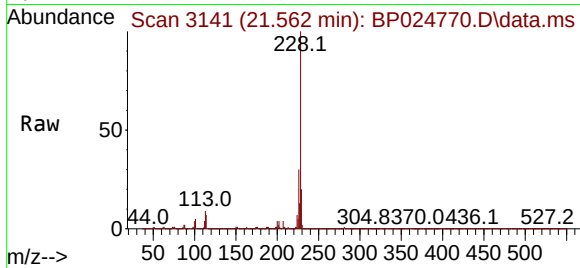




#83
Chrysene
Concen: 38.929 ng
RT: 21.562 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

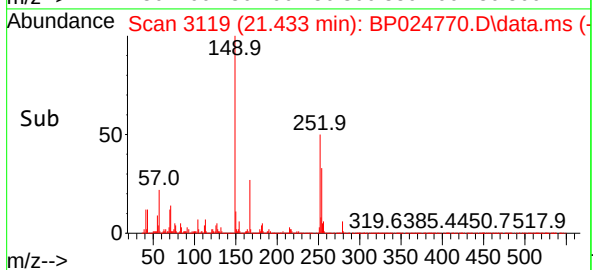
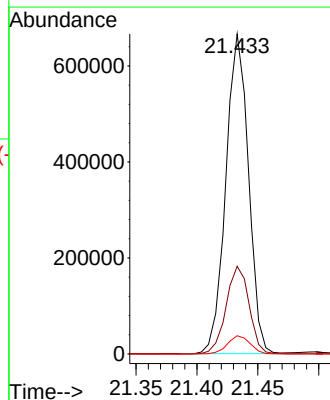
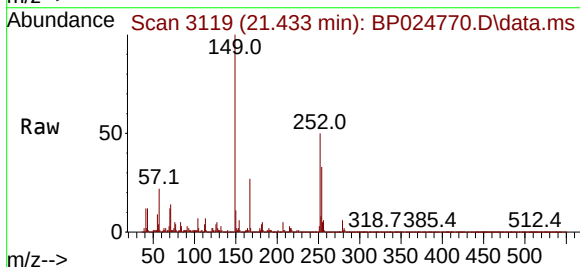
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

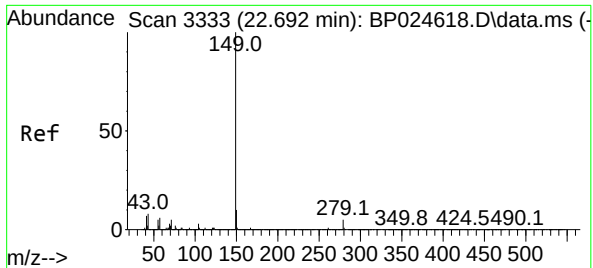
Tgt Ion:228 Resp: 1407588
Ion Ratio Lower Upper
228 100
226 29.8 23.9 35.9
229 19.8 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.190 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:149 Resp: 861065
Ion Ratio Lower Upper
149 100
167 27.4 22.1 33.1
279 5.7 4.6 6.8

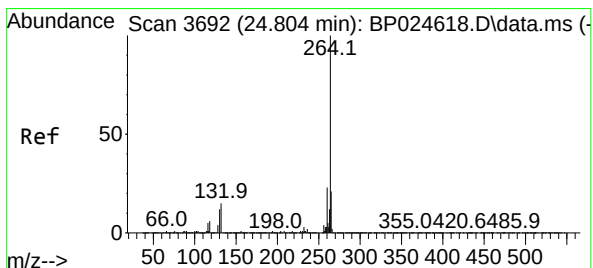
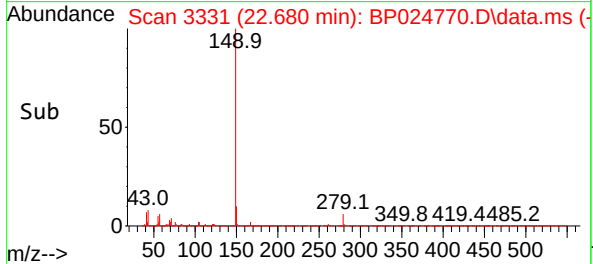
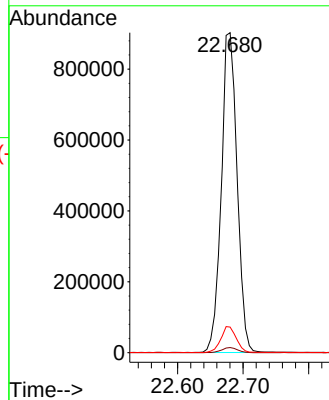
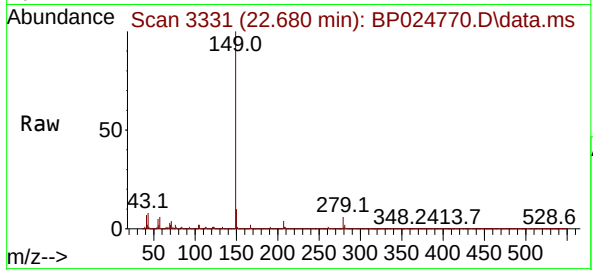




#85
Di-n-octyl phthalate
Concen: 38.637 ng
RT: 22.680 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

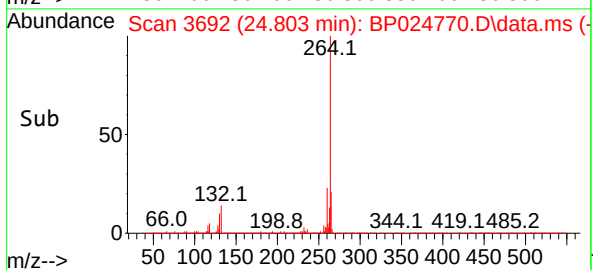
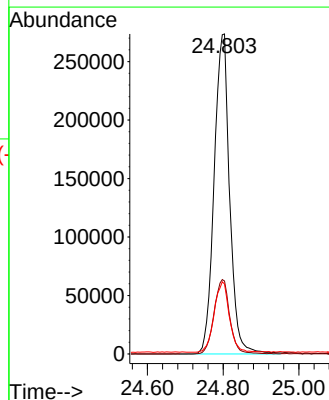
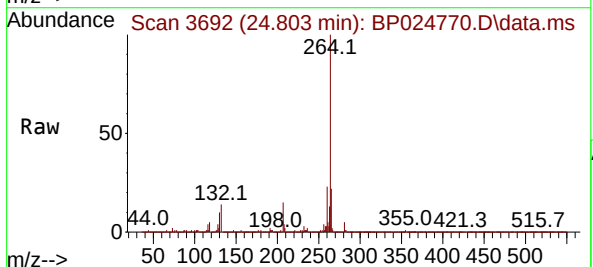
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

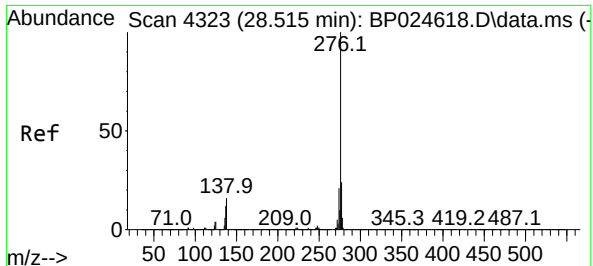
Tgt Ion:149 Resp: 1503281
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.9 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.803 min Scan# 3692
Delta R.T. -0.000 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:264 Resp: 776339
Ion Ratio Lower Upper
264 100
260 22.8 18.7 28.1
265 21.8 17.0 25.6

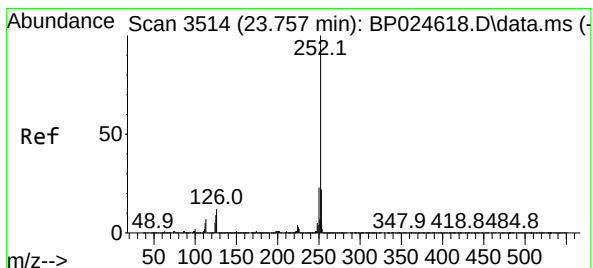
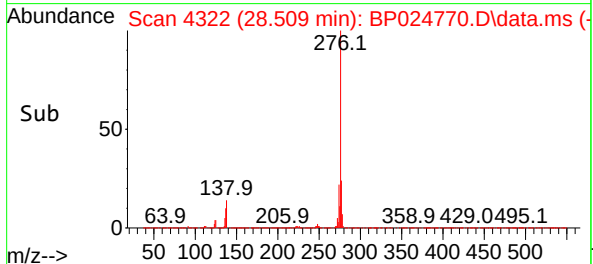
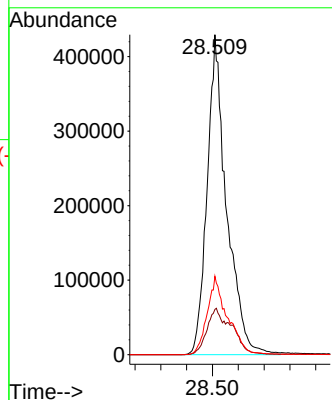
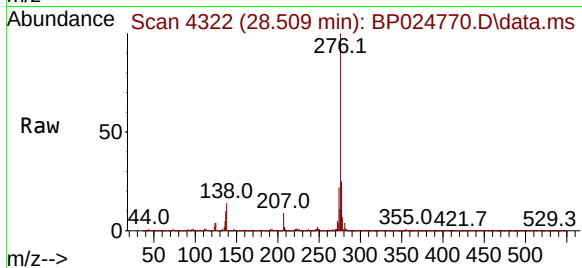




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.692 ng
RT: 28.509 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

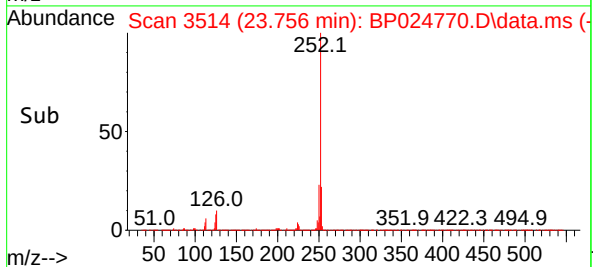
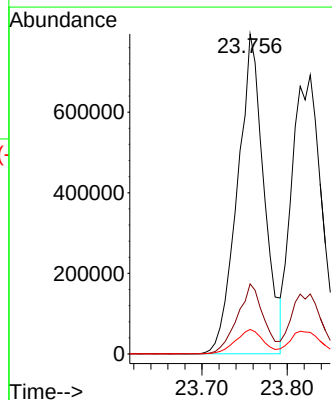
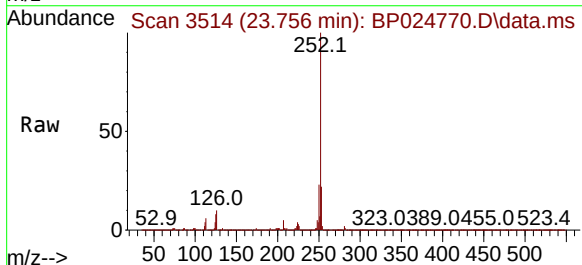
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

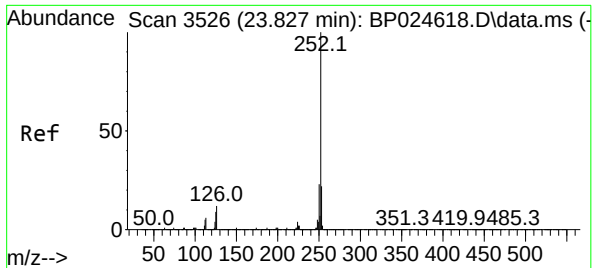
Tgt Ion:276 Resp: 2249633
Ion Ratio Lower Upper
276 100
138 18.4 11.2 16.8#
277 25.6 15.7 23.5#



#88
Benzo(b)fluoranthene
Concen: 38.658 ng
RT: 23.756 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:252 Resp: 1717819
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 7.7 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 36.762 ng

RT: 23.827 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP024770.D

Acq: 22 May 2025 23:09

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

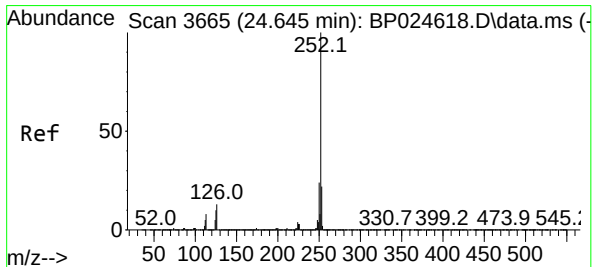
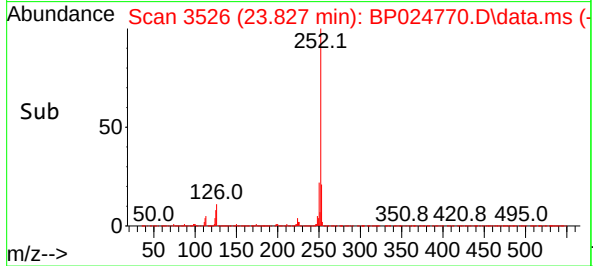
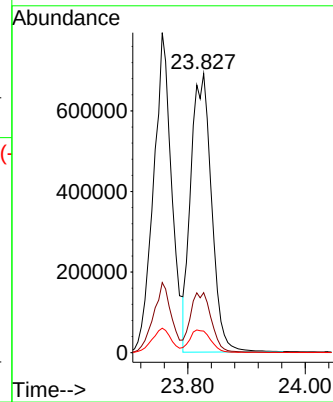
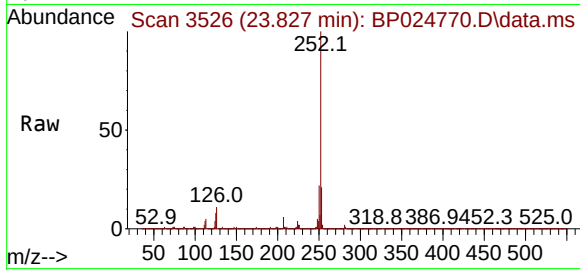
Tgt Ion:252 Resp: 1683302

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 7.8 7.0 10.4



#90

Benzo(a)pyrene

Concen: 39.298 ng

RT: 24.639 min Scan# 3664

Delta R.T. -0.006 min

Lab File: BP024770.D

Acq: 22 May 2025 23:09

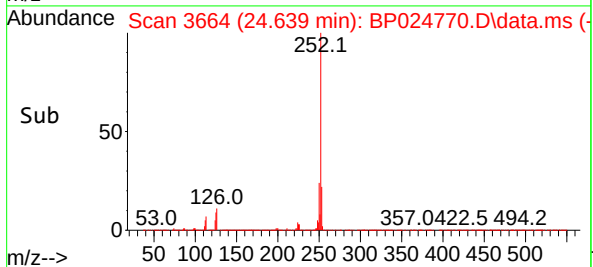
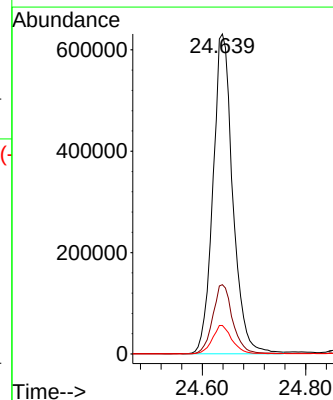
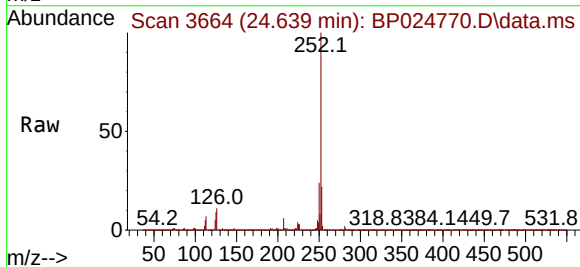
Tgt Ion:252 Resp: 1677144

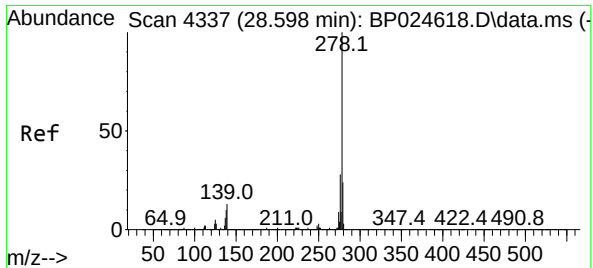
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 8.9 8.1 12.1

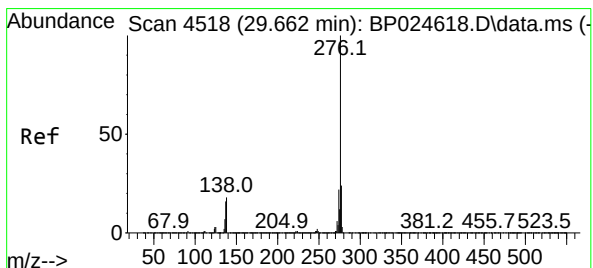
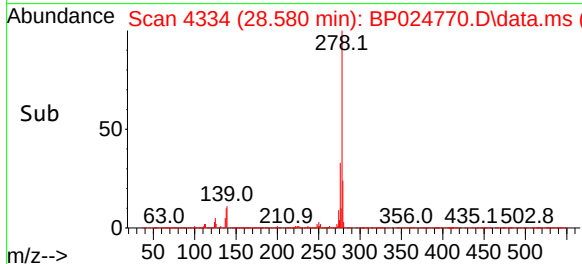
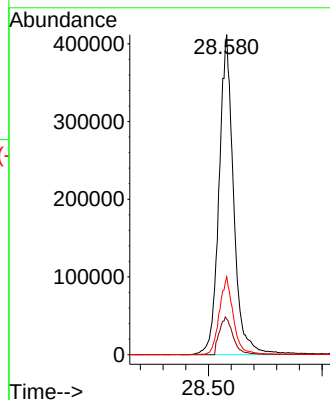
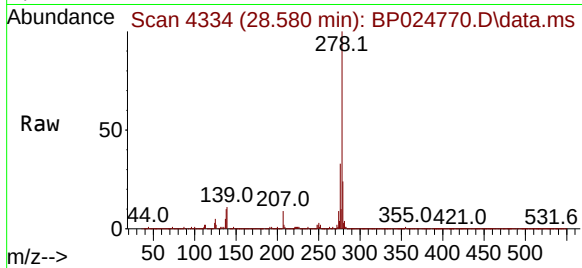




#91
Dibenzo(a,h)anthracene
Concen: 39.702 ng
RT: 28.580 min Scan# 41
Delta R.T. -0.018 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

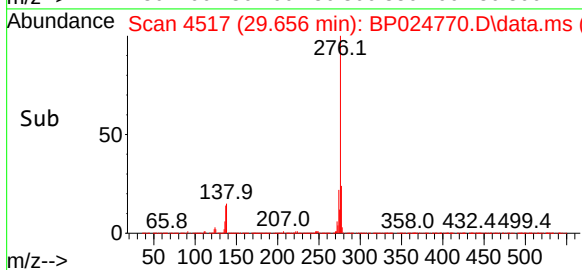
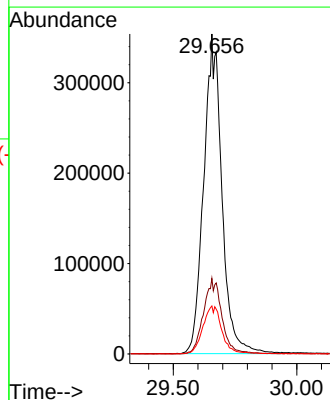
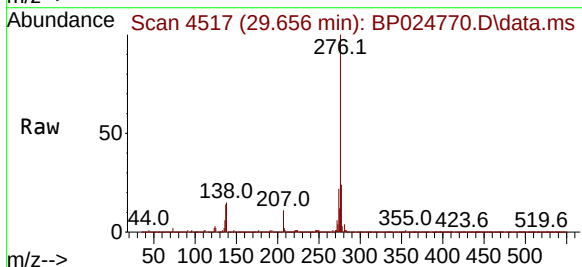
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 1830614
Ion Ratio Lower Upper
278 100
139 11.1 10.2 15.4
279 24.3 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 39.380 ng
RT: 29.656 min Scan# 4517
Delta R.T. -0.006 min
Lab File: BP024770.D
Acq: 22 May 2025 23:09

Tgt Ion:276 Resp: 1805688
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 15.0 14.4 21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024770.D
 Acq On : 22 May 2025 23:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 23 03:21:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 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	71	-0.01
2	1,4-Dioxane	0.549	0.495	9.8	70	-0.01
3	Pyridine	1.218	1.069	12.2	64	0.00
4	n-Nitrosodimethylamine	0.538	0.513	4.6	71	0.00
5 S	2-Fluorophenol	1.169	1.124	3.8	73	0.00
6	Aniline	1.927	1.698	11.9	63	-0.01
7 S	Phenol-d6	1.492	1.363	8.6	66	0.00
8	2-Chlorophenol	1.327	1.286	3.1	71	-0.01
9	Benzaldehyde	0.966	0.835	13.6	62	-0.01
10 C	Phenol	1.540	1.390	9.7	66	0.00
11	bis(2-Chloroethyl)ether	1.266	1.029	18.7	61	-0.02
12	1,3-Dichlorobenzene	1.527	1.464	4.1	73	-0.01
13 C	1,4-Dichlorobenzene	1.536	1.481	3.6	72	-0.02
14	1,2-Dichlorobenzene	1.497	1.413	5.6	71	-0.01
15	Benzyl Alcohol	1.134	1.016	10.4	63	0.00
16	2,2'-oxybis(1-Chloropropane	1.516	1.198	21.0	58	-0.02
17	2-Methylphenol	1.105	0.991	10.3	64	0.00
18	Hexachloroethane	0.589	0.529	10.2	69	-0.02
19 P	n-Nitroso-di-n-propylamine	1.032	0.827	19.9	56	0.00
20	3+4-Methylphenols	1.503	1.354	9.9	64	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	64	-0.01
22	Acetophenone	0.500	0.461	7.8	61	0.00
23 S	Nitrobenzene-d5	0.396	0.355	10.4	60	-0.01
24	Nitrobenzene	0.348	0.309	11.2	59	-0.01
25	Isophorone	0.687	0.571	16.9	54	-0.01
26 C	2-Nitrophenol	0.171	0.175	-2.3	65	-0.02
27	2,4-Dimethylphenol	0.301	0.285	5.3	61	-0.01
28	bis(2-Chloroethoxy)methane	0.410	0.340	17.1	55	-0.01
29 C	2,4-Dichlorophenol	0.292	0.287	1.7	63	0.00
30	1,2,4-Trichlorobenzene	0.329	0.330	-0.3	69	-0.02
31	Naphthalene	1.036	0.998	3.7	65	-0.01
32	Benzoic acid	0.181	0.165	8.8	55	0.00
33	4-Chloroaniline	0.418	0.410	1.9	63	0.00
34 C	Hexachlorobutadiene	0.213	0.218	-2.3	71	-0.01
35	Caprolactam	0.106	0.105	0.9	61	0.00
36 C	4-Chloro-3-methylphenol	0.356	0.337	5.3	61	0.00
37	2-Methylnaphthalene	0.671	0.653	2.7	65	-0.01
38	1-Methylnaphthalene	0.718	0.703	2.1	65	-0.01
39 I	Acenaphthene-d10	1.000	1.000	0.0	62	-0.02
40	1,2,4,5-Tetrachlorobenzene	0.581	0.587	-1.0	66	-0.01
41 P	Hexachlorocyclopentadiene	0.352	0.456	-29.5#	79	-0.01
42 S	2,4,6-Tribromophenol	0.339	0.365	-7.7	70	-0.01
43 C	2,4,6-Trichlorophenol	0.376	0.382	-1.6	64	0.00
44	2,4,5-Trichlorophenol	0.419	0.419	0.0	64	0.00
45 S	2-Fluorobiphenyl	1.527	1.530	-0.2	66	-0.01
46	1,1'-Biphenyl	1.478	1.453	1.7	65	-0.01
47	2-Chloronaphthalene	1.127	1.127	0.0	66	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024770.D
 Acq On : 22 May 2025 23:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 23 03:21:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 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	0.334	0.329	1.5	61	-0.01
49	Acenaphthylene	1.886	1.799	4.6	62	-0.02
50	Dimethylphthalate	1.524	1.414	7.2	60	-0.02
51	2,6-Dinitrotoluene	0.322	0.308	4.3	61	-0.02
52 C	Acenaphthene	1.084	1.044	3.7	63	-0.02
53	3-Nitroaniline	0.329	0.317	3.6	58	-0.01
54 P	2,4-Dinitrophenol	0.169	0.161	4.7	58	0.00
55	Dibenzofuran	1.730	1.699	1.8	65	-0.01
56 P	4-Nitrophenol	0.250	0.284	-13.6	69	0.03
57	2,4-Dinitrotoluene	0.454	0.463	-2.0	63	-0.02
58	Fluorene	1.410	1.407	0.2	65	-0.01
59	2,3,4,6-Tetrachlorophenol	0.388	0.394	-1.5	64	0.00
60	Diethylphthalate	1.541	1.463	5.1	63	-0.02
61	4-Chlorophenyl-phenylether	0.703	0.685	2.6	65	-0.02
62	4-Nitroaniline	0.317	0.330	-4.1	62	0.00
63	Azobenzene	1.318	1.213	8.0	60	-0.02
64 I	Phenanthrene-d10	1.000	1.000	0.0	63	-0.02
65	4,6-Dinitro-2-methylphenol	0.129	0.130	-0.8	64	0.00
66 c	n-Nitrosodiphenylamine	0.614	0.605	1.5	64	-0.02
67	4-Bromophenyl-phenylether	0.236	0.236	0.0	66	-0.01
68	Hexachlorobenzene	0.299	0.304	-1.7	68	-0.01
69	Atrazine	0.225	0.233	-3.6	67	-0.02
70 C	Pentachlorophenol	0.168	0.179	-6.5	65	0.00
71	Phenanthrene	1.112	1.084	2.5	65	-0.01
72	Anthracene	1.119	1.145	-2.3	67	-0.02
73	Carbazole	1.012	1.074	-6.1	67	-0.02
74	Di-n-butylphthalate	1.302	1.264	2.9	63	-0.01
75 C	Fluoranthene	1.300	1.363	-4.8	68	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	75	0.00
77	Benzidine	0.545	0.536	1.7	72	0.00
78	Pyrene	1.198	1.081	9.8	70	0.00
79 S	Terphenyl-d14	1.166	1.037	11.1	69	0.00
80	Butylbenzylphthalate	0.533	0.485	9.0	69	0.00
81	Benzo(a)anthracene	1.256	1.203	4.2	75	0.00
82	3,3'-Dichlorobenzidine	0.466	0.490	-5.2	77	0.00
83	Chrysene	1.190	1.159	2.6	77	0.00
84	Bis(2-ethylhexyl)phthalate	0.783	0.709	9.5	69	0.00
85 c	Di-n-octyl phthalate	1.281	1.237	3.4	72	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	83	0.00
87	Indeno(1,2,3-cd)pyrene	1.460	1.449	0.8	85	0.00
88	Benzo(b)fluoranthene	1.145	1.106	3.4	84	0.00
89	Benzo(k)fluoranthene	1.180	1.084	8.1	79	0.00
90 C	Benzo(a)pyrene	1.099	1.080	1.7	85	0.00
91	Dibenzo(a,h)anthracene	1.188	1.179	0.8	84	-0.02
92	Benzo(g,h,i)perylene	1.181	1.163	1.5	85	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024770.D
Acq On : 22 May 2025 23:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 23 03:21:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024770.D
 Acq On : 22 May 2025 23:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 23 03:21:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 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	71	-0.01
2	1,4-Dioxane	40.000	36.073	9.8	70	-0.01
3	Pyridine	40.000	35.118	12.2	64	0.00
4	n-Nitrosodimethylamine	40.000	38.156	4.6	71	0.00
5 S	2-Fluorophenol	80.000	76.905	3.9	73	0.00
6	Aniline	40.000	35.260	11.9	63	-0.01
7 S	Phenol-d6	80.000	73.048	8.7	66	0.00
8	2-Chlorophenol	40.000	38.750	3.1	71	-0.01
9	Benzaldehyde	40.000	34.563	13.6	62	-0.01
10 C	Phenol	40.000	36.107	9.7	66	0.00
11	bis(2-Chloroethyl)ether	40.000	32.506	18.7	61	-0.02
12	1,3-Dichlorobenzene	40.000	38.347	4.1	73	-0.01
13 C	1,4-Dichlorobenzene	40.000	38.562	3.6	72	-0.02
14	1,2-Dichlorobenzene	40.000	37.753	5.6	71	-0.01
15	Benzyl Alcohol	40.000	35.831	10.4	63	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	31.601	21.0	58	-0.02
17	2-Methylphenol	40.000	35.880	10.3	64	0.00
18	Hexachloroethane	40.000	35.932	10.2	69	-0.02
19 P	n-Nitroso-di-n-propylamine	40.000	32.054	19.9	56	0.00
20	3+4-Methylphenols	40.000	36.048	9.9	64	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	64	-0.01
22	Acetophenone	40.000	36.921	7.7	61	0.00
23 S	Nitrobenzene-d5	80.000	71.822	10.2	60	-0.01
24	Nitrobenzene	40.000	35.502	11.2	59	-0.01
25	Isophorone	40.000	33.250	16.9	54	-0.01
26 C	2-Nitrophenol	40.000	40.970	-2.4	65	-0.02
27	2,4-Dimethylphenol	40.000	37.896	5.3	61	-0.01
28	bis(2-Chloroethoxy)methane	40.000	33.147	17.1	55	-0.01
29 C	2,4-Dichlorophenol	40.000	39.366	1.6	63	0.00
30	1,2,4-Trichlorobenzene	40.000	40.169	-0.4	69	-0.02
31	Naphthalene	40.000	38.512	3.7	65	-0.01
32	Benzoic acid	40.000	34.117	14.7	55	0.00
33	4-Chloroaniline	40.000	39.228	1.9	63	0.00
34 C	Hexachlorobutadiene	40.000	40.996	-2.5	71	-0.01
35	Caprolactam	40.000	39.720	0.7	61	0.00
36 C	4-Chloro-3-methylphenol	40.000	37.911	5.2	61	0.00
37	2-Methylnaphthalene	40.000	38.940	2.7	65	-0.01
38	1-Methylnaphthalene	40.000	39.142	2.1	65	-0.01
39 I	Acenaphthene-d10	20.000	20.000	0.0	62	-0.02
40	1,2,4,5-Tetrachlorobenzene	40.000	40.440	-1.1	66	-0.01
41 P	Hexachlorocyclopentadiene	40.000	51.825	-29.6#	79	-0.01
42 S	2,4,6-Tribromophenol	80.000	86.204	-7.8	70	-0.01
43 C	2,4,6-Trichlorophenol	40.000	40.632	-1.6	64	0.00
44	2,4,5-Trichlorophenol	40.000	40.051	-0.1	64	0.00
45 S	2-Fluorobiphenyl	80.000	80.205	-0.3	66	-0.01
46	1,1'-Biphenyl	40.000	39.307	1.7	65	-0.01
47	2-Chloronaphthalene	40.000	39.998	0.0	66	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024770.D
 Acq On : 22 May 2025 23:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 23 03:21:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 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	39.419	1.5	61	-0.01
49	Acenaphthylene	40.000	38.161	4.6	62	-0.02
50	Dimethylphthalate	40.000	37.106	7.2	60	-0.02
51	2,6-Dinitrotoluene	40.000	38.288	4.3	61	-0.02
52 C	Acenaphthene	40.000	38.506	3.7	63	-0.02
53	3-Nitroaniline	40.000	38.603	3.5	58	-0.01
54 P	2,4-Dinitrophenol	40.000	35.553	11.1	58	0.00
55	Dibenzofuran	40.000	39.301	1.7	65	-0.01
56 P	4-Nitrophenol	40.000	42.016	-5.0	69	0.03
57	2,4-Dinitrotoluene	40.000	40.839	-2.1	63	-0.02
58	Fluorene	40.000	39.899	0.3	65	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	40.525	-1.3	64	0.00
60	Diethylphthalate	40.000	37.986	5.0	63	-0.02
61	4-Chlorophenyl-phenylether	40.000	38.979	2.6	65	-0.02
62	4-Nitroaniline	40.000	41.561	-3.9	62	0.00
63	Azobenzene	40.000	36.825	7.9	60	-0.02
64 I	Phenanthrene-d10	20.000	20.000	0.0	63	-0.02
65	4,6-Dinitro-2-methylphenol	40.000	40.350	-0.9	64	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.378	1.6	64	-0.02
67	4-Bromophenyl-phenylether	40.000	39.987	0.0	66	-0.01
68	Hexachlorobenzene	40.000	40.639	-1.6	68	-0.01
69	Atrazine	40.000	41.449	-3.6	67	-0.02
70 C	Pentachlorophenol	40.000	42.628	-6.6	65	0.00
71	Phenanthrene	40.000	39.002	2.5	65	-0.01
72	Anthracene	40.000	40.961	-2.4	67	-0.02
73	Carbazole	40.000	42.429	-6.1	67	-0.02
74	Di-n-butylphthalate	40.000	38.824	2.9	63	-0.01
75 C	Fluoranthene	40.000	41.945	-4.9	68	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	75	0.00
77	Benzydine	40.000	39.377	1.6	72	0.00
78	Pyrene	40.000	36.097	9.8	70	0.00
79 S	Terphenyl-d14	80.000	71.158	11.1	69	0.00
80	Butylbenzylphthalate	40.000	36.434	8.9	69	0.00
81	Benzo(a)anthracene	40.000	38.332	4.2	75	0.00
82	3,3'-Dichlorobenzidine	40.000	42.033	-5.1	77	0.00
83	Chrysene	40.000	38.929	2.7	77	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	36.190	9.5	69	0.00
85 c	Di-n-octyl phthalate	40.000	38.637	3.4	72	-0.01
86 I	Perylene-d12	20.000	20.000	0.0	83	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	39.692	0.8	85	0.00
88	Benzo(b)fluoranthene	40.000	38.658	3.4	84	0.00
89	Benzo(k)fluoranthene	40.000	36.762	8.1	79	0.00
90 C	Benzo(a)pyrene	40.000	39.298	1.8	85	0.00
91	Dibenzo(a,h)anthracene	40.000	39.702	0.7	84	-0.02
92	Benzo(g,h,i)perylene	40.000	39.380	1.5	85	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024770.D
Acq On : 22 May 2025 23:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 23 03:21:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
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 = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: Q2078 SAS No.: Q2078 SDG No.: Q2078

Instrument ID: BNA_P Calibration Date/Time: 05/23/2025 11:40

Lab File ID: BP024788.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:41 15:26

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.218	1.095		-10.1	
2-Fluorophenol	1.169	1.153		-1.4	
Phenol-d6	1.492	1.391		-6.8	
1,4-Dichlorobenzene	1.536	1.456		-5.2	20.0
2-Methylphenol	1.105	1.020		-7.7	
3+4-Methylphenols	1.503	1.386		-7.8	
Nitrobenzene-d5	0.396	0.363		-8.3	
Hexachloroethane	0.589	0.524		-11.0	
Nitrobenzene	0.348	0.310		-10.9	
Hexachlorobutadiene	0.213	0.212		-0.5	20.0
2,4,6-Trichlorophenol	0.376	0.389		3.5	20.0
2-Fluorobiphenyl	1.527	1.497		-2.0	
2,4,5-Trichlorophenol	0.419	0.410		-2.1	
2,4-Dinitrotoluene	0.454	0.463		2.0	
2,4,6-Tribromophenol	0.339	0.384		13.3	
Hexachlorobenzene	0.299	0.309		3.3	
Pentachlorophenol	0.168	0.188		11.9	20.0
Terphenyl-d14	1.166	1.077		-7.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024788.D
 Acq On : 23 May 2025 11:40
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: May 23 12:14:53 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 13 16:21:39 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	85825	20.000	ng	-0.02
21) Naphthalene-d8	10.416	136	348651	20.000	ng	-0.02
39) Acenaphthene-d10	14.281	164	223501	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	457187	20.000	ng	-0.01
76) Chrysene-d12	21.510	240	596427	20.000	ng	-0.01
86) Perylene-d12	24.786	264	763679	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	395751	78.867	ng	0.00
7) Phenol-d6	6.852	99	477585	74.573	ng	0.00
23) Nitrobenzene-d5	8.799	82	506139	73.350	ng	-0.01
42) 2,4,6-Tribromophenol	15.810	330	343067	90.543	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1337901	78.425	ng	-0.01
79) Terphenyl-d14	19.804	244	2570522	73.901	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	81566	34.617	ng	97
3) Pyridine	3.617	79	187953	35.974	ng	94
4) n-Nitrosodimethylamine	3.528	42	88218	38.246	ng	90
6) Aniline	6.993	93	299626	36.237	ng	99
8) 2-Chlorophenol	7.228	128	220576	38.722	ng	97
9) Benzaldehyde	6.811	77	141499m	34.132	ng	
10) Phenol	6.875	94	241311	36.507	ng	96
11) bis(2-Chloroethyl)ether	7.081	93	178602	32.883	ng	99
12) 1,3-Dichlorobenzene	7.540	146	246348	37.589	ng	97
13) 1,4-Dichlorobenzene	7.687	146	249931	37.917	ng	99
14) 1,2-Dichlorobenzene	7.993	146	240438	37.434	ng	99
15) Benzyl Alcohol	7.893	79	175852	36.134	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.169	45	206873	31.804	ng	99
17) 2-Methylphenol	8.105	107	175051	36.924	ng	97
18) Hexachloroethane	8.710	117	89993	35.628	ng	96
19) n-Nitroso-di-n-propyla...	8.446	70	149197	33.678	ng	96
20) 3+4-Methylphenols	8.434	107	237941	36.896	ng	99
22) Acetophenone	8.463	105	328325	37.699	ng	97
24) Nitrobenzene	8.840	77	215844	35.545	ng	93
25) Isophorone	9.363	82	416173	34.769	ng	95
26) 2-Nitrophenol	9.540	139	126118	42.384	ng	98
27) 2,4-Dimethylphenol	9.616	122	205205	39.115	ng	99
28) bis(2-Chloroethoxy)met...	9.834	93	240940	33.693	ng	98
29) 2,4-Dichlorophenol	10.093	162	205962	40.513	ng	96
30) 1,2,4-Trichlorobenzene	10.281	180	227074	39.636	ng	96
31) Naphthalene	10.463	128	697623	38.612	ng	100
32) Benzoic acid	9.769	122	122811m	35.863	ng	
33) 4-Chloroaniline	10.587	127	287598	39.447	ng	98
34) Hexachlorobutadiene	10.746	225	147624	39.777	ng	97
35) Caprolactam	11.381	113	72504	39.418	ng	96
36) 4-Chloro-3-methylphenol	11.734	107	233494	37.662	ng	100
37) 2-Methylnaphthalene	12.081	142	442732	37.844	ng	99
38) 1-Methylnaphthalene	12.304	142	471817	37.693	ng	99
40) 1,2,4,5-Tetrachloroben...	12.451	216	260194	40.090	ng	98
41) Hexachlorocyclopentadiene	12.428	237	206151	52.383	ng	97
43) 2,4,6-Trichlorophenol	12.704	196	173668	41.312	ng	98

05/27/2025

Supervised By :Jagrut
 Padhyay

05/27/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024788.D
 Acq On : 23 May 2025 11:40
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: May 23 12:14:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	183134	39.137	ng	97
46) 1,1'-Biphenyl	13.093	154	634461	38.408	ng	99
47) 2-Chloronaphthalene	13.145	162	498522	39.580	ng	99
48) 2-Nitroaniline	13.357	65	138094	37.032	ng	94
49) Acenaphthylene	13.998	152	826636	39.218	ng	99
50) Dimethylphthalate	13.734	163	657364	38.588	ng	100
51) 2,6-Dinitrotoluene	13.863	165	142722	39.670	ng	98
52) Acenaphthene	14.345	154	458801	37.863	ng	99
53) 3-Nitroaniline	14.210	138	144972	39.463	ng	92
54) 2,4-Dinitrophenol	14.428	184	74679	36.684	ng	97
55) Dibenzofuran	14.687	168	745308	38.561	ng	99
56) 4-Nitrophenol	14.575	139	142487	46.665	ng	97
57) 2,4-Dinitrotoluene	14.669	165	206895	40.790	ng	98
58) Fluorene	15.351	166	612974	38.894	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	176811	40.732	ng	96
60) Diethylphthalate	15.128	149	654121	37.991	ng	99
61) 4-Chlorophenyl-phenyle...	15.339	204	305689	38.894	ng	100
62) 4-Nitroaniline	15.392	138	155534m	43.848	ng	
63) Azobenzene	15.639	77	507580	34.460	ng	95
65) 4,6-Dinitro-2-methylph...	15.457	198	118718	40.201	ng	98
66) n-Nitrosodiphenylamine	15.569	169	530766	37.796	ng	99
67) 4-Bromophenyl-phenylether	16.257	248	212590	39.462	ng	96
68) Hexachlorobenzene	16.381	284	282500	41.268	ng	92
69) Atrazine	16.551	200	209568	40.722	ng	98
70) Pentachlorophenol	16.745	266	171807	44.710	ng	100
71) Phenanthrene	17.128	178	976579	38.424	ng	100
72) Anthracene	17.222	178	988928	38.674	ng	100
73) Carbazole	17.510	167	938383	40.545	ng	99
74) Di-n-butylphthalate	18.092	149	1181544	39.695	ng	99
75) Fluoranthene	19.210	202	1201350	40.437	ng	98
77) Benzidine	19.416	184	622255	38.306	ng	99
78) Pyrene	19.586	202	1256486	35.160	ng	100
80) Butylbenzylphthalate	20.533	149	594274	37.391	ng	94
81) Benzo(a)anthracene	21.486	228	1438419	38.409	ng	100
82) 3,3'-Dichlorobenzidine	21.422	252	593871	42.694	ng	99
83) Chrysene	21.557	228	1353357	38.121	ng	100
84) Bis(2-ethylhexyl)phtha...	21.422	149	921536	39.448	ng	98
85) Di-n-octyl phthalate	22.668	149	1612900	42.221	ng	99
87) Indeno(1,2,3-cd)pyrene	28.498	276	2261485	40.563	ng	97
88) Benzo(b)fluoranthene	23.745	252	1646057	37.657	ng	98
89) Benzo(k)fluoranthene	23.815	252	1688631	37.490	ng	99
90) Benzo(a)pyrene	24.633	252	1622584	38.650	ng	98
91) Dibenzo(a,h)anthracene	28.568	278	1853117	40.856	ng	99
92) Benzo(g,h,i)perylene	29.650	276	1811699	40.166	ng	97

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

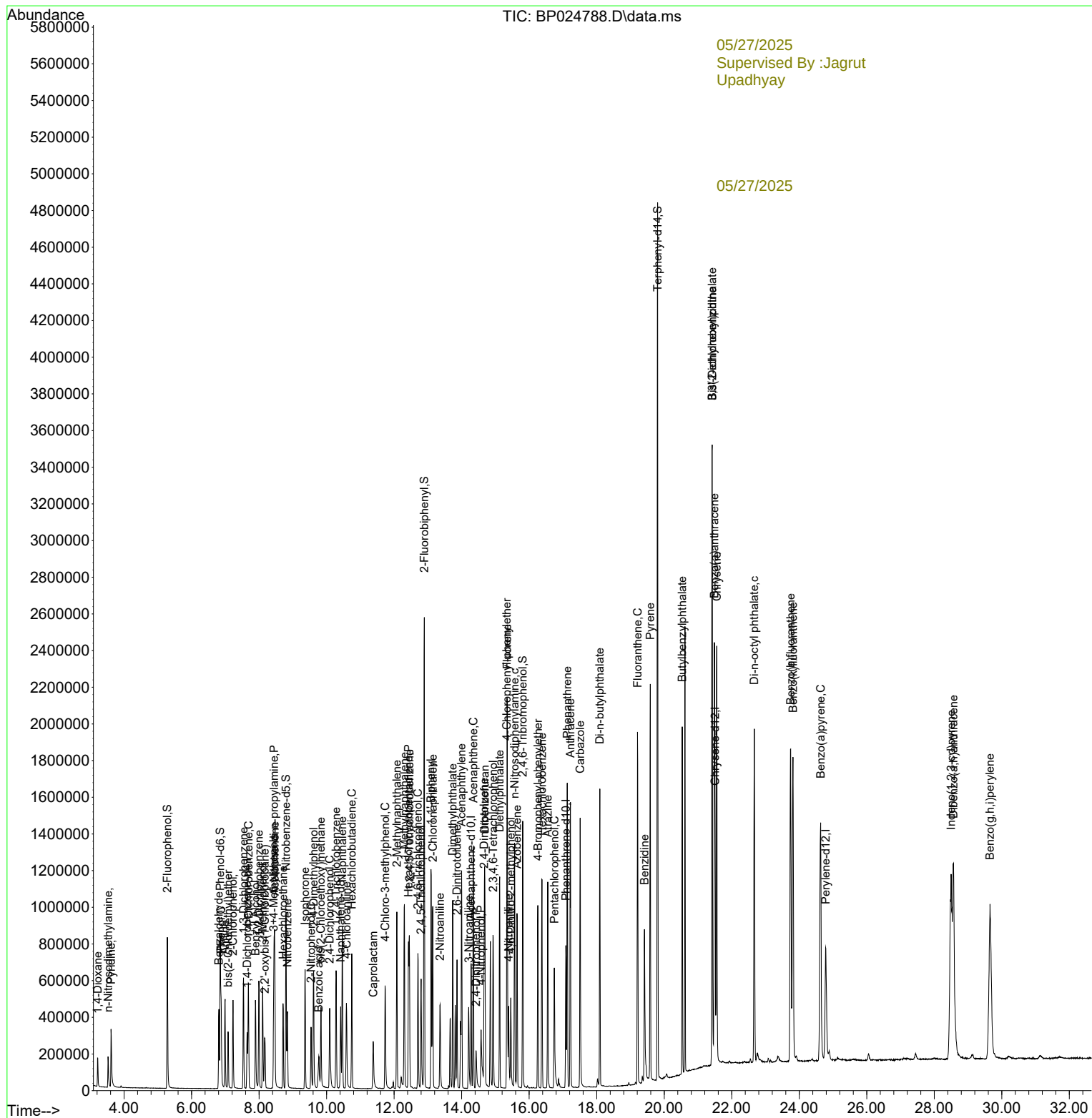
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024788.D
Acq On : 23 May 2025 11:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

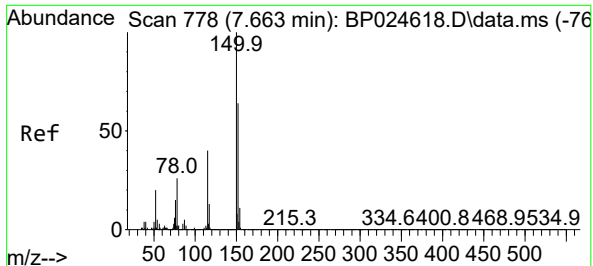
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chayli

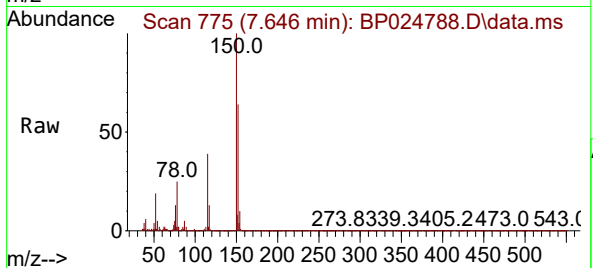
Quant Time: May 23 12:14:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

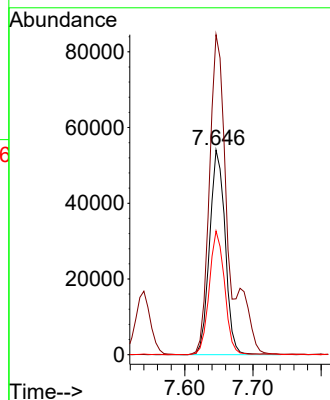
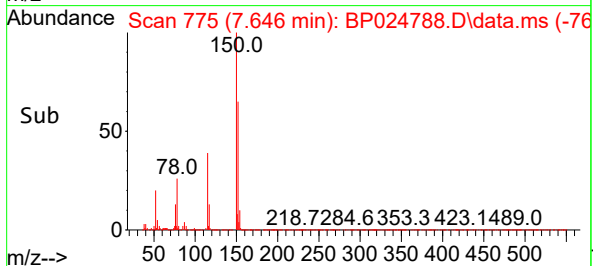
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 8582
Ion Ratio Lower Upper
152 100
150 156.3 125.9 188.9
115 60.5 50.1 75.1

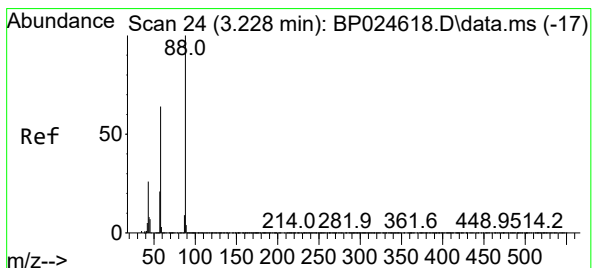
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



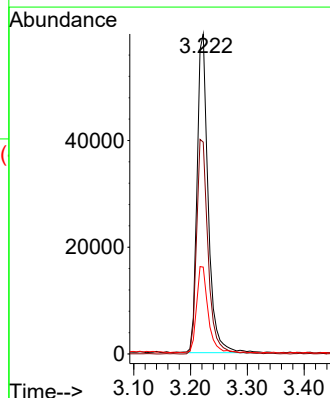
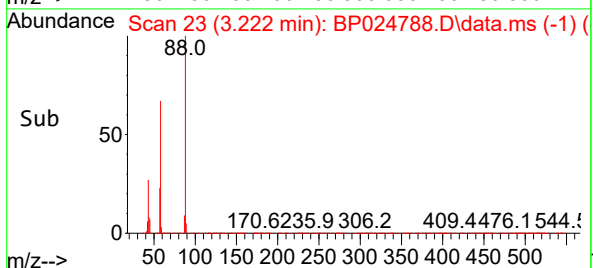
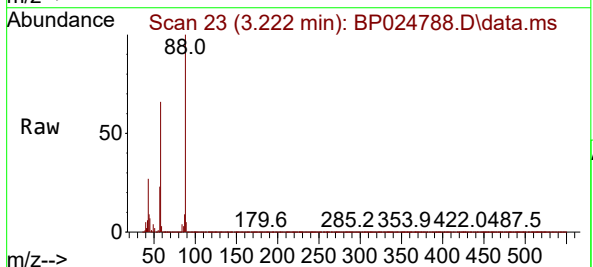
05/27/2025
Supervised By :Jagrut
Upadhyay

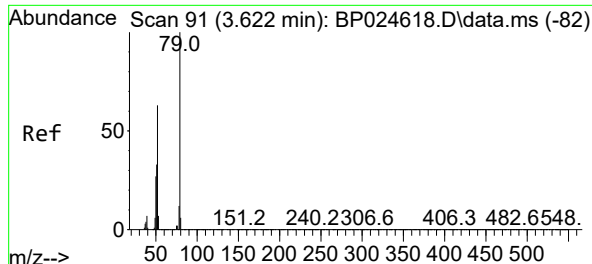
05/27/2025



#2
1,4-Dioxane
Concen: 34.617 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

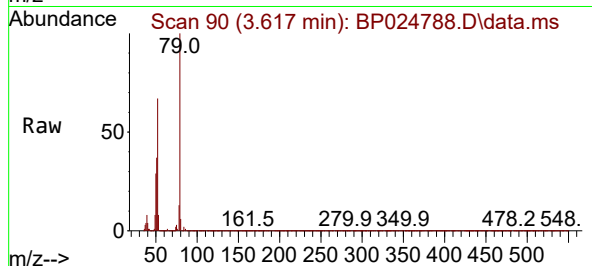
Tgt Ion: 88 Resp: 81566
Ion Ratio Lower Upper
88 100
58 69.8 54.0 81.0
43 28.3 21.4 32.0





#3
Pyridine
Concen: 35.974 ng
RT: 3.617 min Scan# 90
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

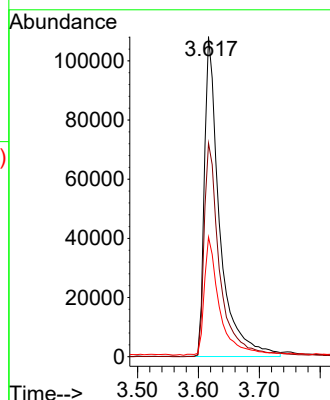
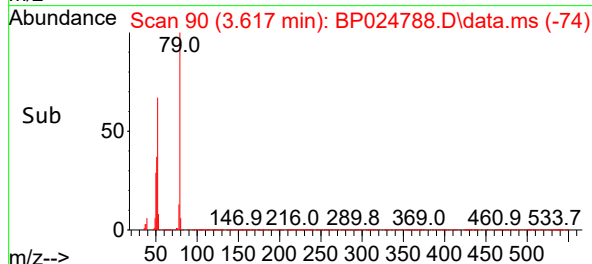
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 18795
Ion Ratio Lower Upper
79 100
52 66.7 50.2 75.2
51 37.3 26.8 40.2

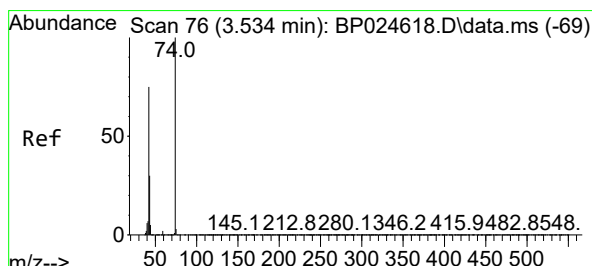
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



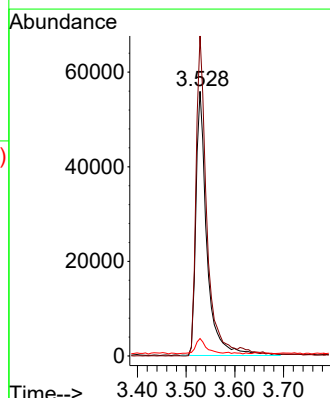
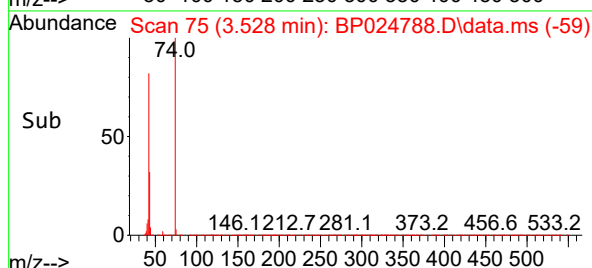
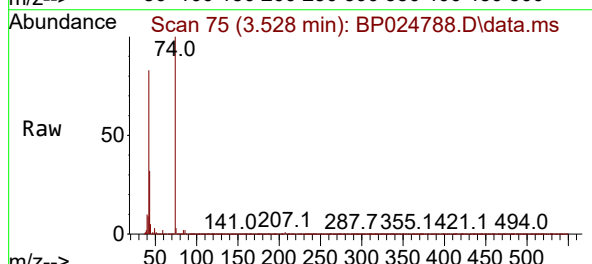
05/27/2025
Supervised By :Jagrut
Upadhyay

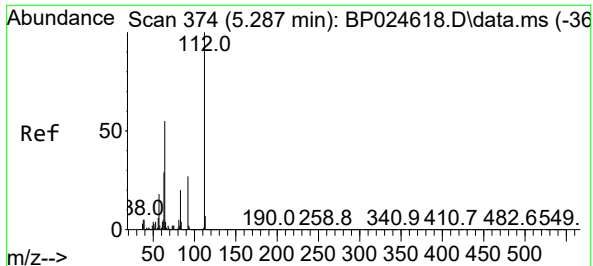
05/27/2025



#4
n-Nitrosodimethylamine
Concen: 38.246 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion: 42 Resp: 88218
Ion Ratio Lower Upper
42 100
74 120.9 106.2 159.2
44 6.6 5.4 8.2





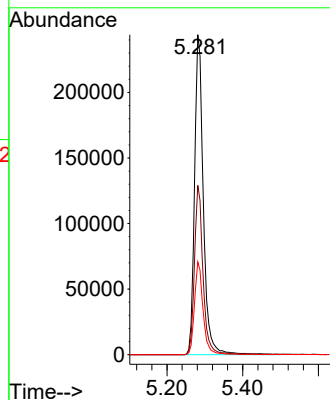
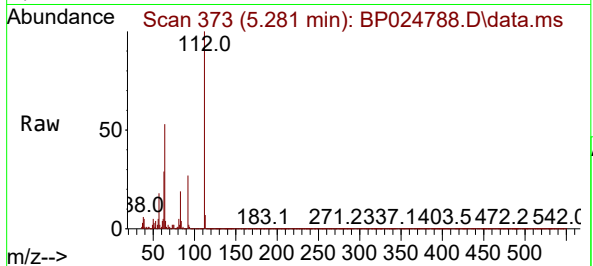
#5
2-Fluorophenol
Concen: 78.867 ng
RT: 5.281 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 112 Resp: 39575
Ion Ratio Lower Upper
112 100
64 52.9 44.1 66.1
63 29.0 23.5 35.3

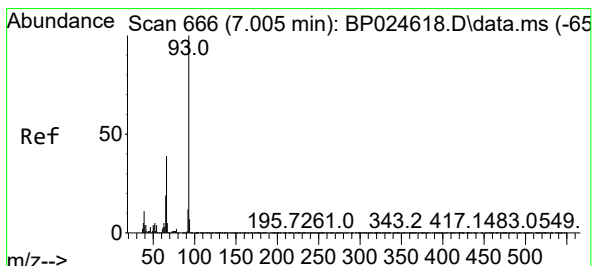
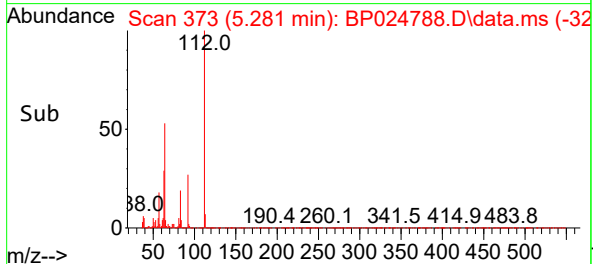
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



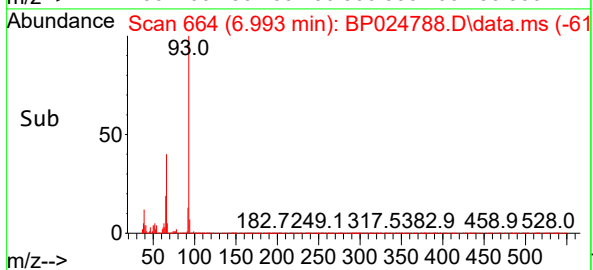
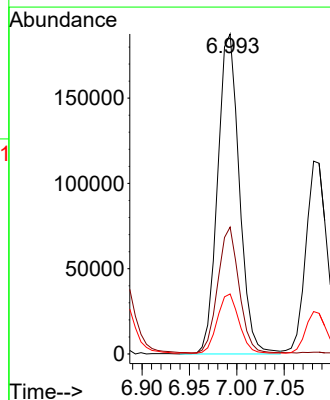
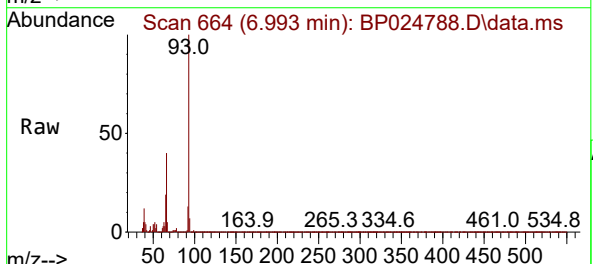
05/27/2025
Supervised By :Jagrut
Upadhyay

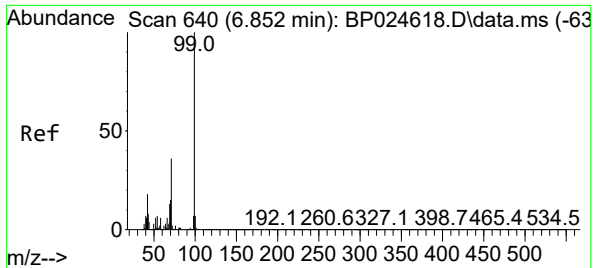
05/27/2025



#6
Aniline
Concen: 36.237 ng
RT: 6.993 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

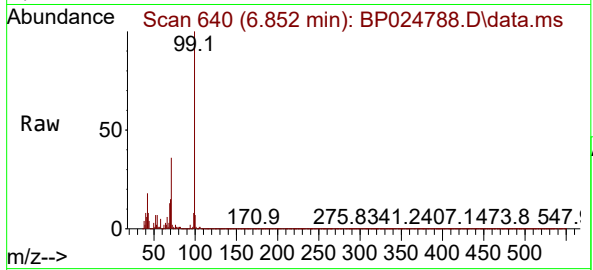
Tgt Ion: 93 Resp: 299626
Ion Ratio Lower Upper
93 100
66 39.7 31.0 46.6
65 18.7 15.5 23.3





#7
Phenol-d6
Concen: 74.573 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

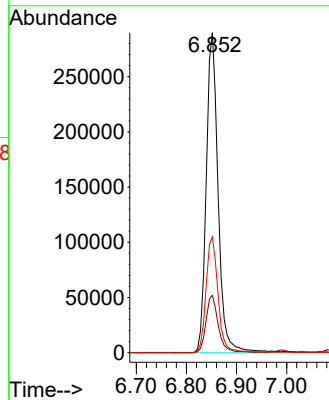
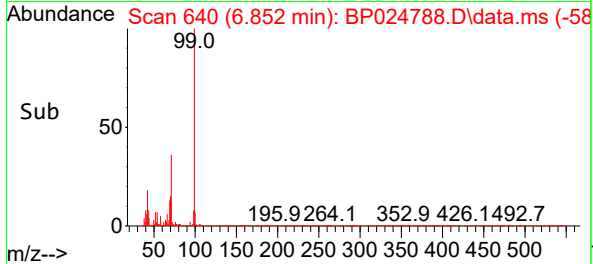
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 477585
Ion Ratio Lower Upper
99 100
42 17.9 14.4 21.6
71 36.2 29.2 43.8

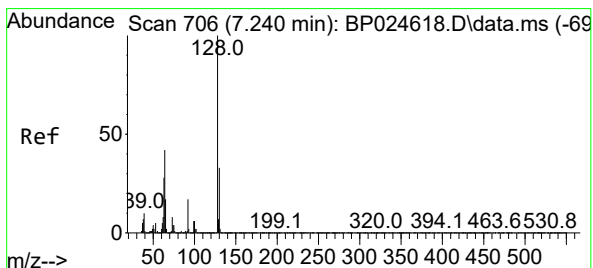
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



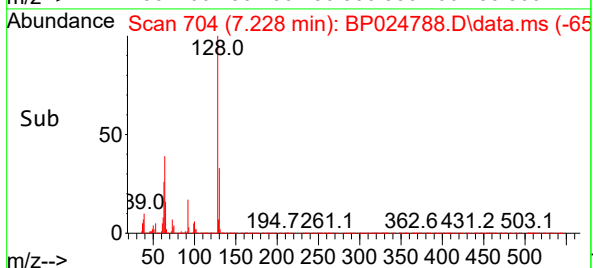
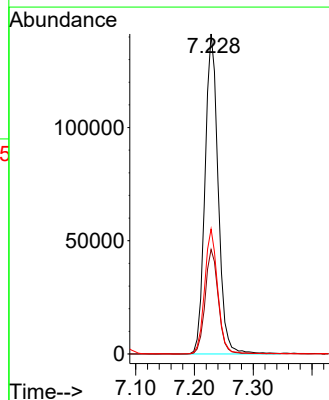
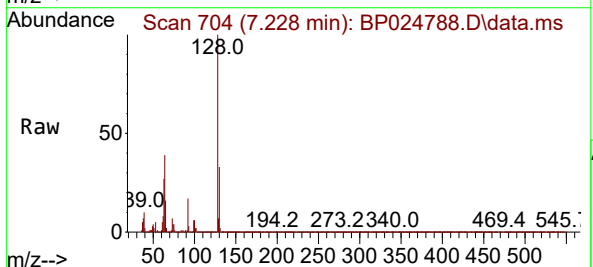
05/27/2025
Supervised By :Jagrut
Upadhyay

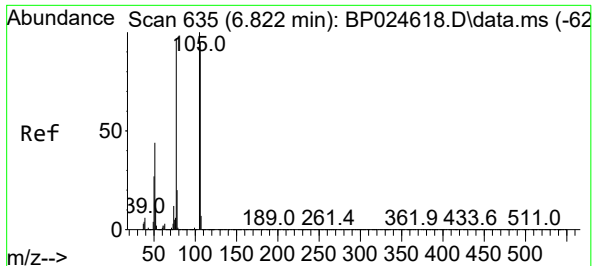
05/27/2025



#8
2-Chlorophenol
Concen: 38.722 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

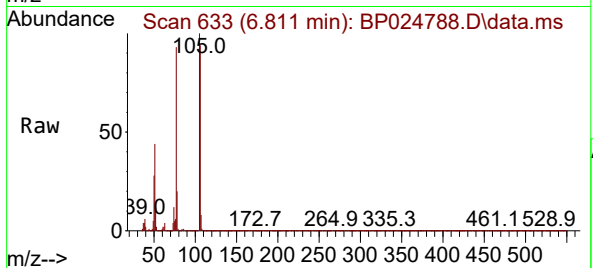
Tgt Ion:128 Resp: 220576
Ion Ratio Lower Upper
128 100
130 32.7 13.0 53.0
64 39.1 22.3 62.3





#9
Benzaldehyde
Concen: 34.132 ng m
RT: 6.811 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

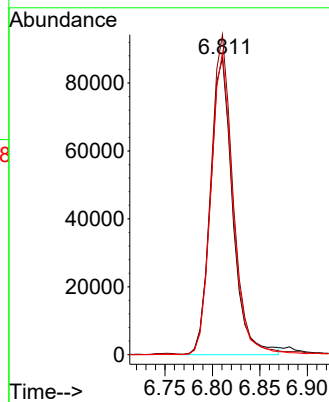
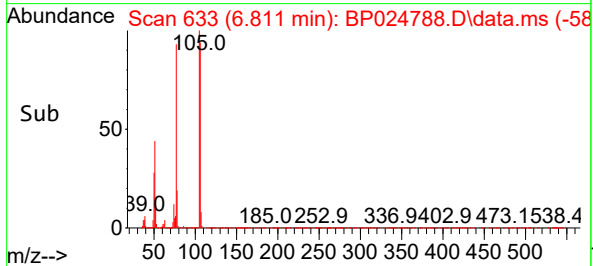
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 141499
Ion Ratio Lower Upper
77 100
105 107.9 83.3 123.3
106 101.9 78.0 118.0

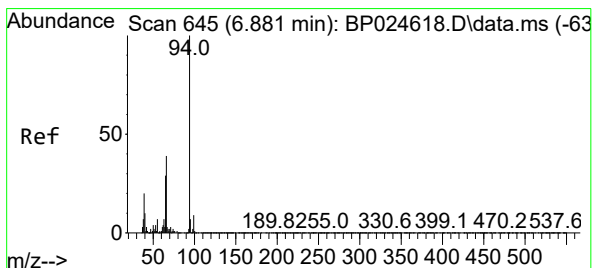
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



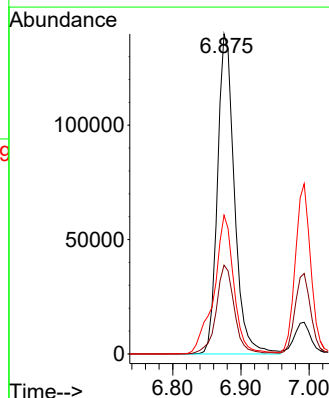
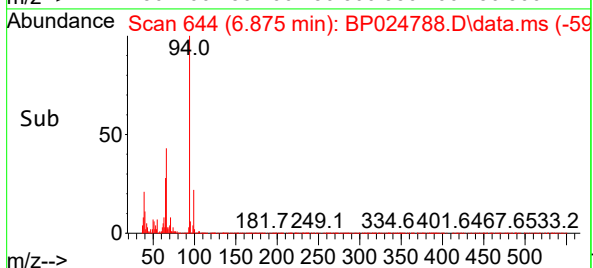
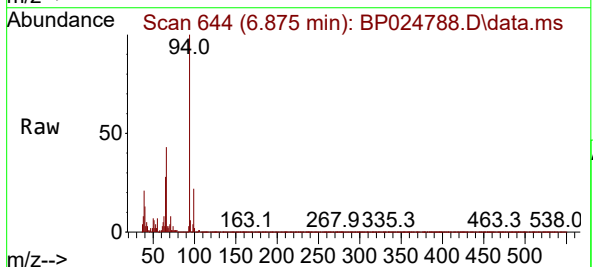
05/27/2025
Supervised By :Jagrut
Upadhyay

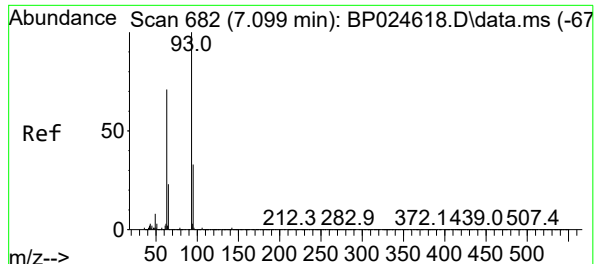
05/27/2025



#10
Phenol
Concen: 36.507 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

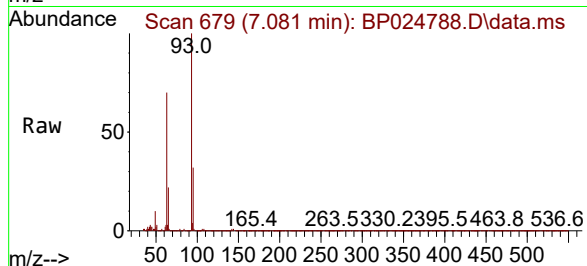
Tgt Ion: 94 Resp: 241311
Ion Ratio Lower Upper
94 100
65 27.8 8.7 48.7
66 43.3 19.4 59.4





#11
bis(2-Chloroethyl)ether
Concen: 32.883 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

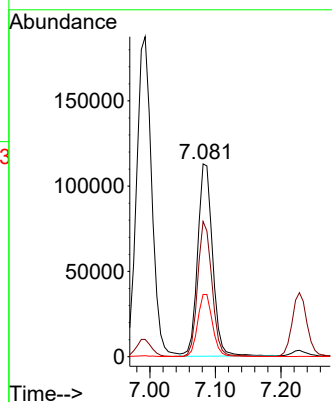
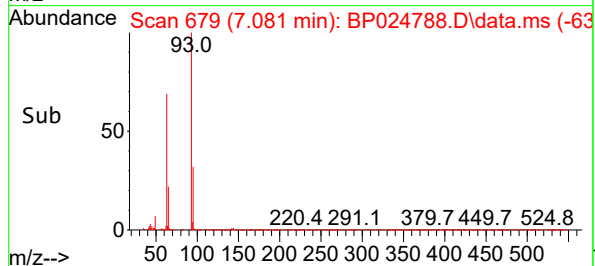
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 178602
Ion Ratio Lower Upper
93 100
63 70.1 50.6 90.6
95 32.3 12.9 52.9

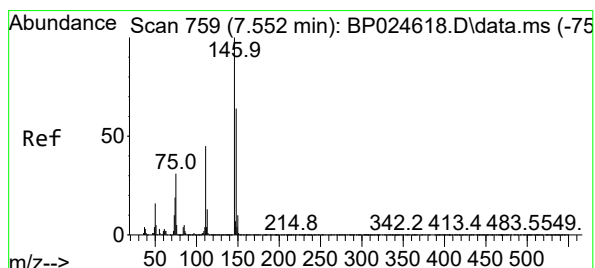
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

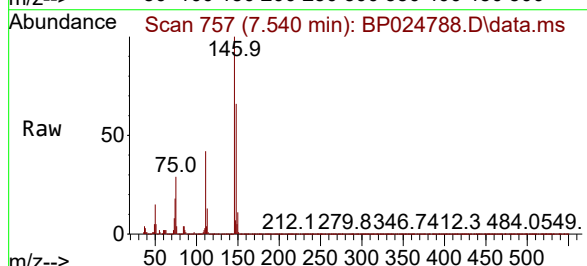


05/27/2025
Supervised By :Jagrut
Upadhyay

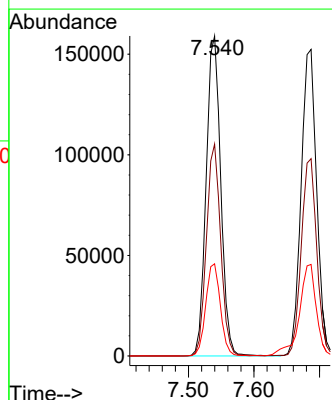
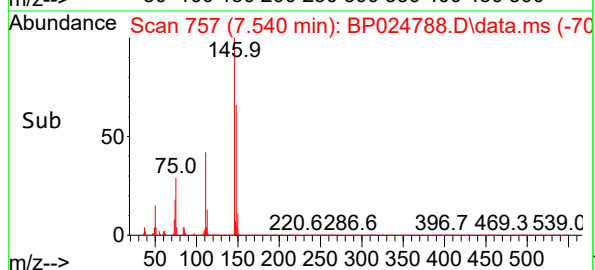
05/27/2025

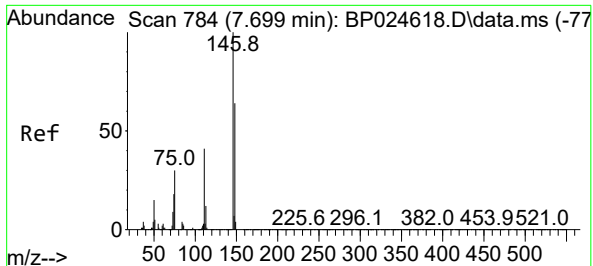


#12
1,3-Dichlorobenzene
Concen: 37.589 ng
RT: 7.540 min Scan# 757
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40



Tgt Ion:146 Resp: 246348
Ion Ratio Lower Upper
146 100
148 66.2 51.4 77.2
75 28.8 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 37.917 ng

RT: 7.687 min Scan# 71

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 24993

Ion Ratio Lower Upper

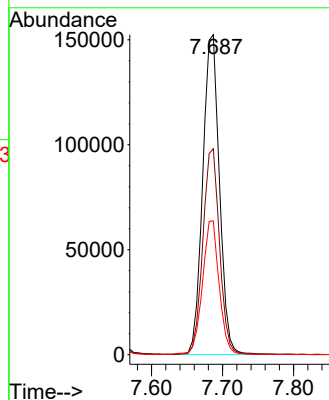
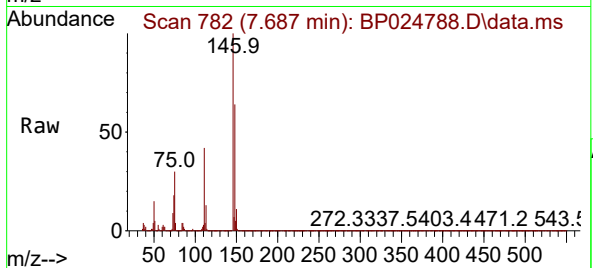
146 100

148 64.4 51.0 76.6

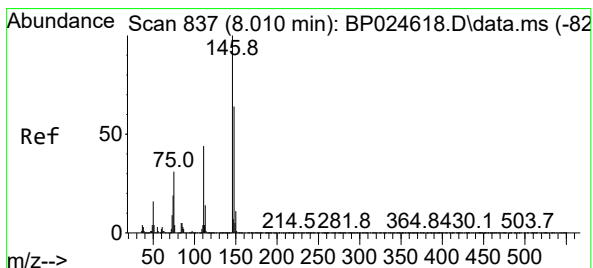
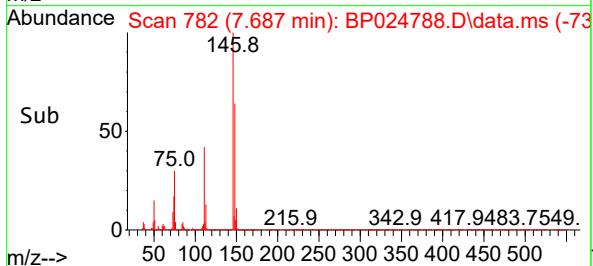
111 41.8 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#14

1,2-Dichlorobenzene

Concen: 37.434 ng

RT: 7.993 min Scan# 834

Delta R.T. -0.018 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

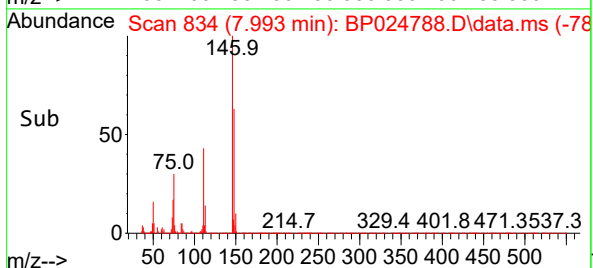
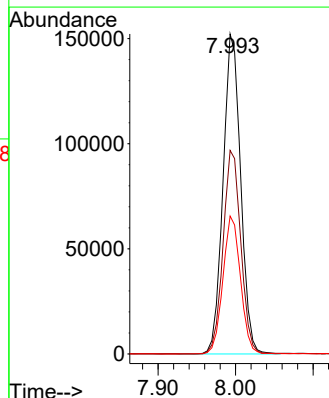
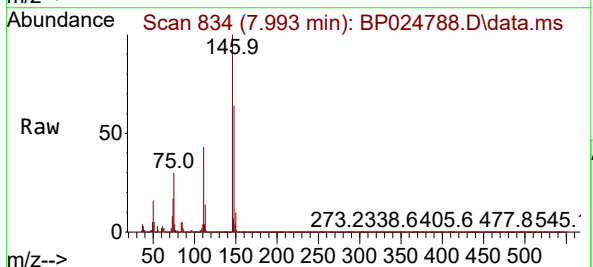
Tgt Ion:146 Resp: 240438

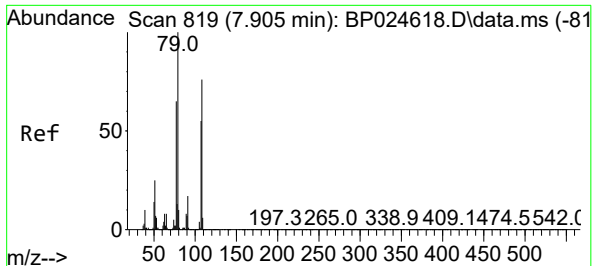
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

111 43.1 35.2 52.8





#15

Benzyl Alcohol

Concen: 36.134 ng

RT: 7.893 min Scan# 81

Delta R.T. -0.012 min

Lab File: BP024788.D

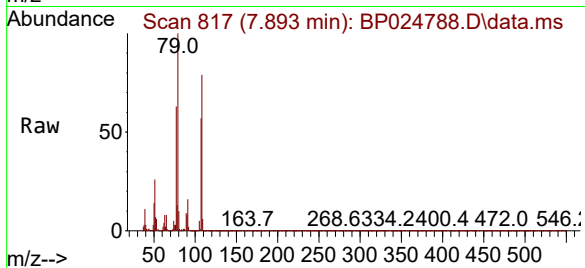
Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 79 Resp: 17585

Ion Ratio Lower Upper

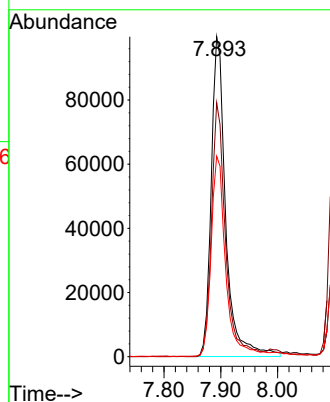
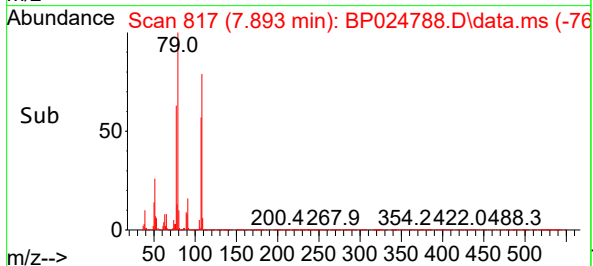
79 100

108 79.3 60.8 91.2

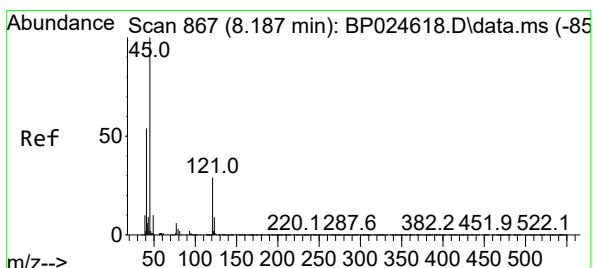
77 62.6 51.9 77.9

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.804 ng

RT: 8.169 min Scan# 864

Delta R.T. -0.018 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

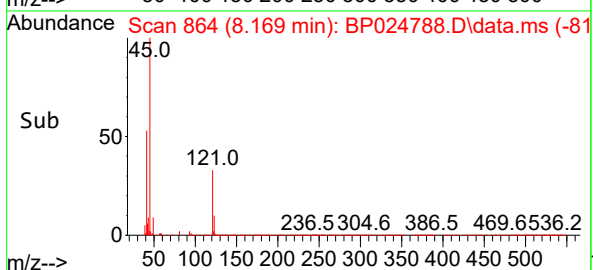
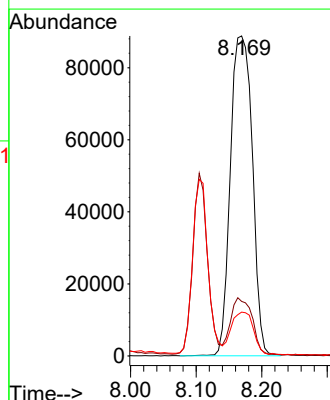
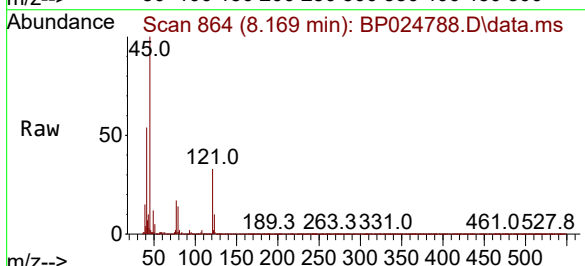
Tgt Ion: 45 Resp: 206873

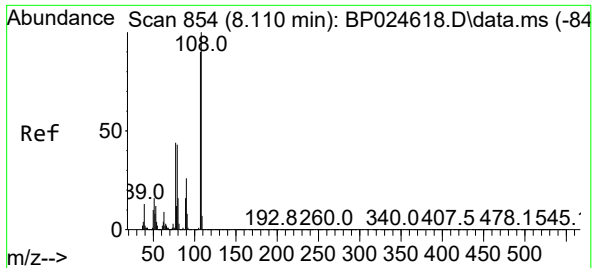
Ion Ratio Lower Upper

45 100

77 17.0 0.0 37.7

79 13.7 0.0 34.0





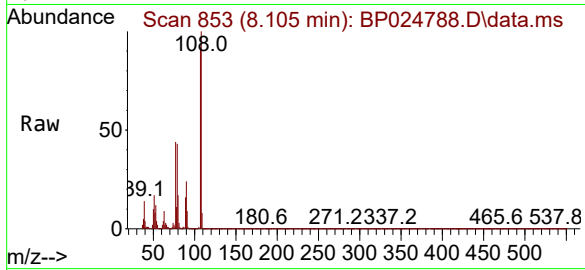
#17
2-Methylphenol
Concen: 36.924 ng
RT: 8.105 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :

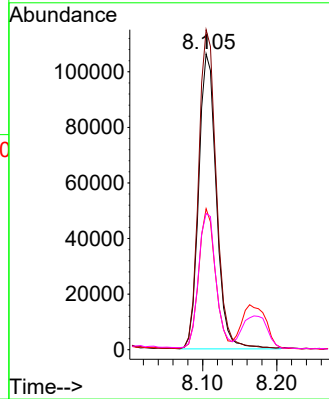
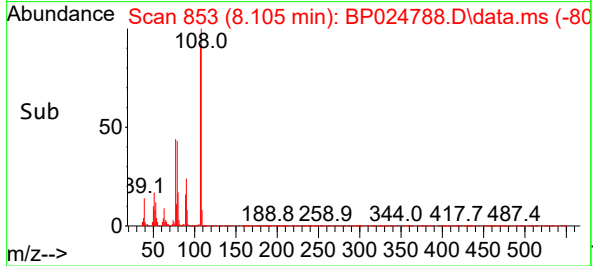
BNA_P

ClientSampleId :

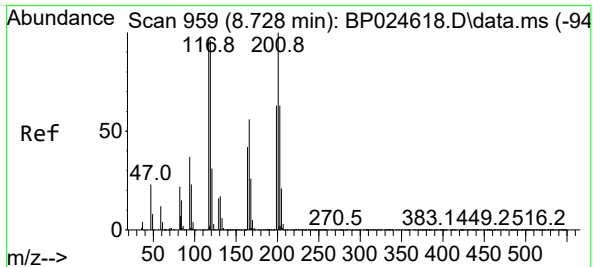
SSTDCCC040



Tgt Ion:107 Resp: 17505
Ion Ratio Lower Upper
107 100
108 108.2 88.9 133.3
77 47.7 39.0 58.6
79 46.1 38.4 57.6

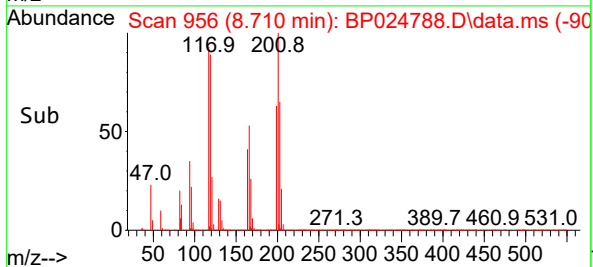
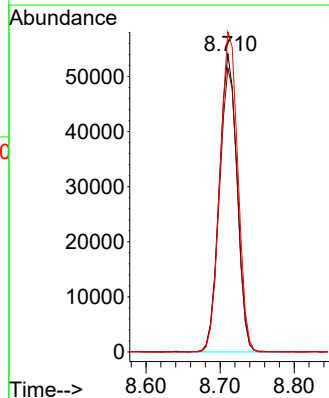
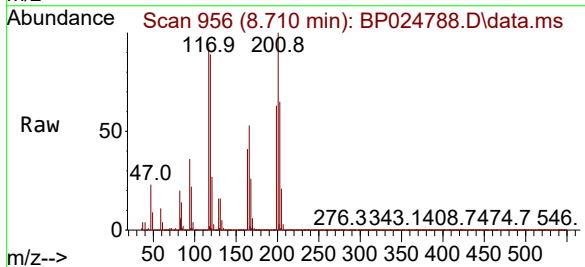
Manual Integrations
APPROVEDReviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

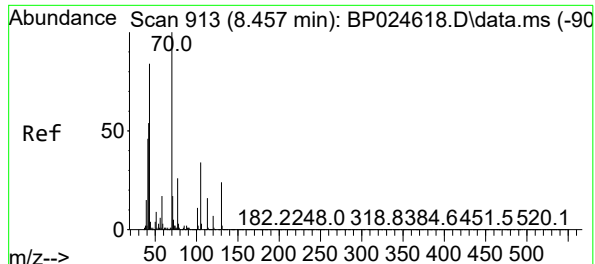
05/27/2025



#18
Hexachloroethane
Concen: 35.628 ng
RT: 8.710 min Scan# 956
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:117 Resp: 89993
Ion Ratio Lower Upper
117 100
119 95.3 79.4 119.0
201 107.5 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 33.678 ng

RT: 8.446 min Scan# 911

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 14919

Ion Ratio Lower Upper

70 100

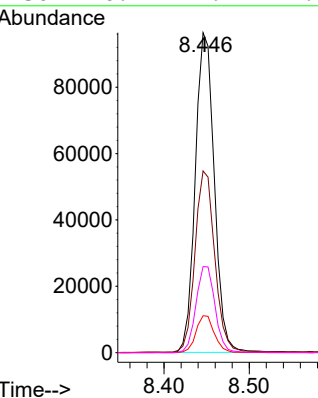
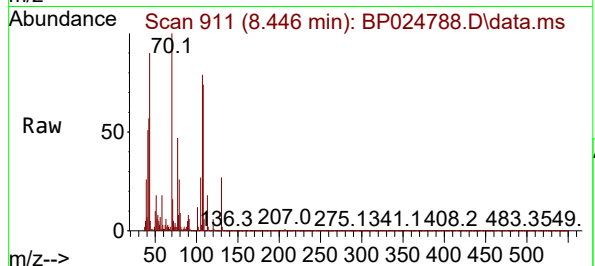
42 56.8 43.0 64.6

101 11.5 8.7 13.1

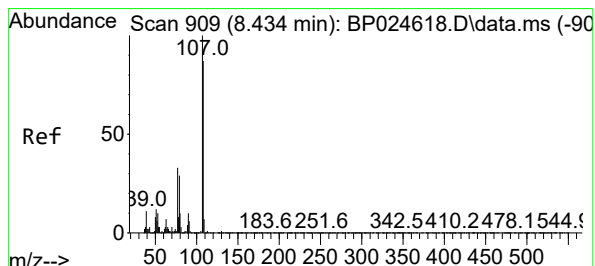
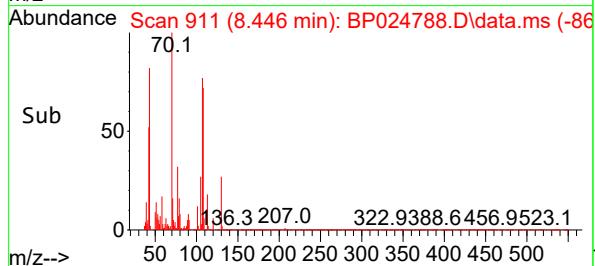
130 26.9 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#20

3+4-Methylphenols

Concen: 36.896 ng

RT: 8.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Tgt Ion:107 Resp: 237941

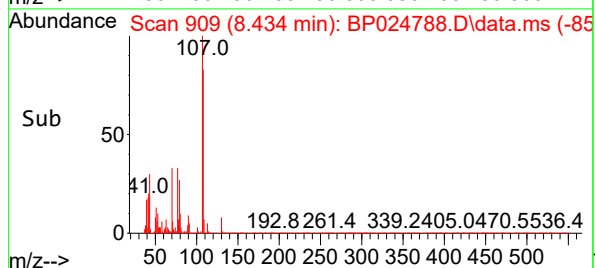
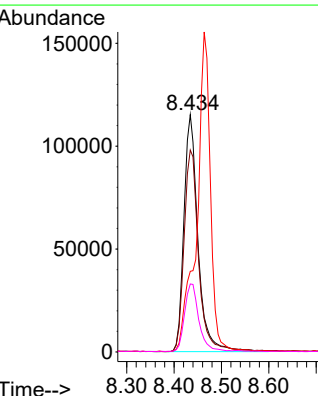
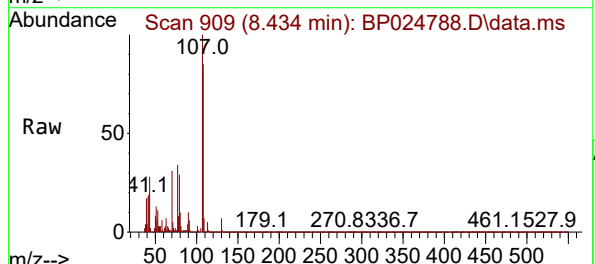
Ion Ratio Lower Upper

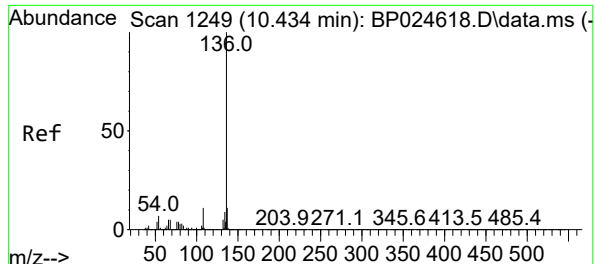
107 100

108 85.1 66.7 106.7

77 34.0 13.1 53.1

79 28.6 8.9 48.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.416 min Scan# 11

Delta R.T. -0.018 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 34865

Ion Ratio Lower Upper

136 100

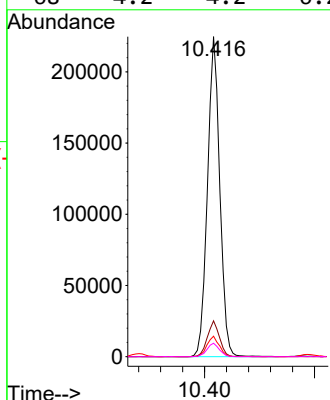
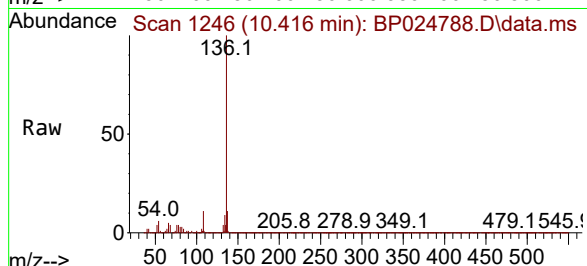
137 11.2 8.8 13.2

54 6.4 5.5 8.3

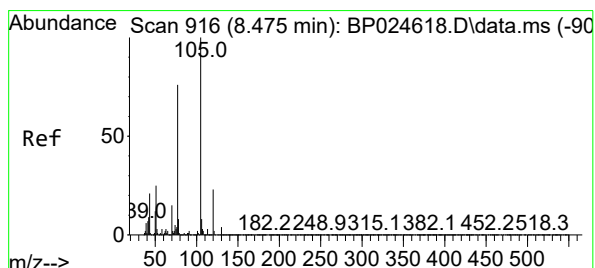
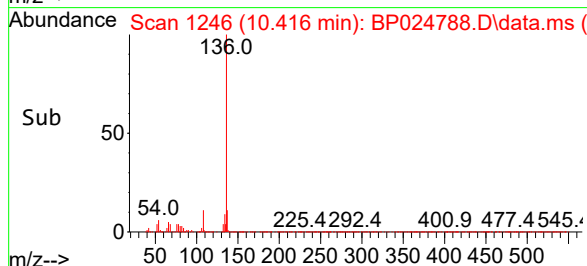
68 4.2 4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#22

Acetophenone

Concen: 37.699 ng

RT: 8.463 min Scan# 914

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Tgt Ion:105 Resp: 328325

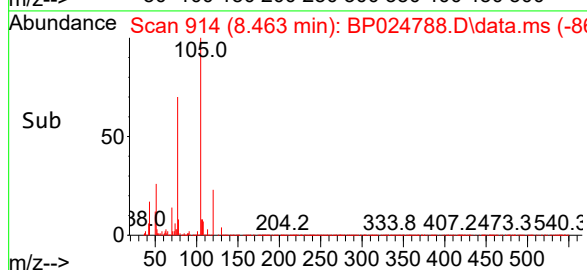
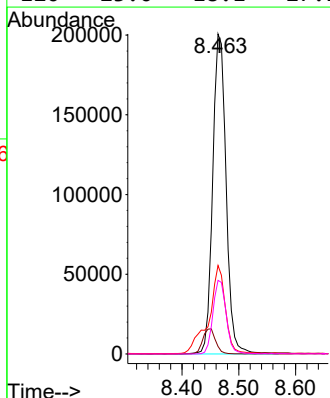
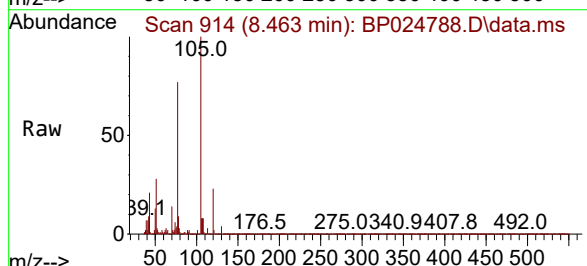
Ion Ratio Lower Upper

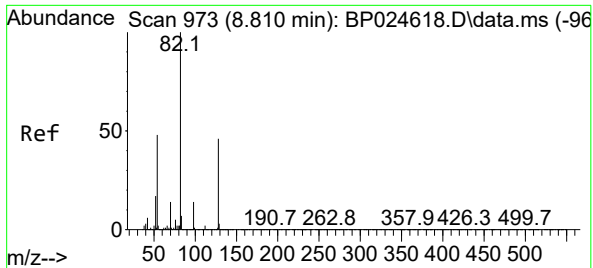
105 100

71 2.4 2.0 3.0

51 27.7 20.4 30.6

120 23.0 18.1 27.1





#23

Nitrobenzene-d5

Concen: 73.350 ng

RT: 8.799 min Scan# 971

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 506139

Ion Ratio Lower Upper

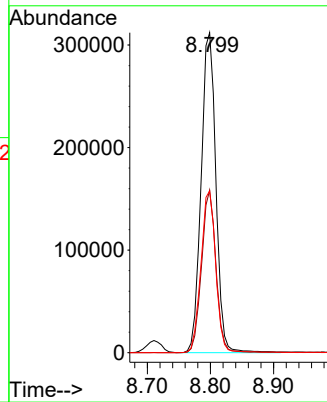
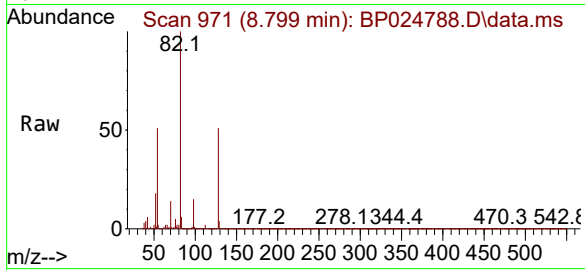
82 100

128 50.8 37.0 55.4

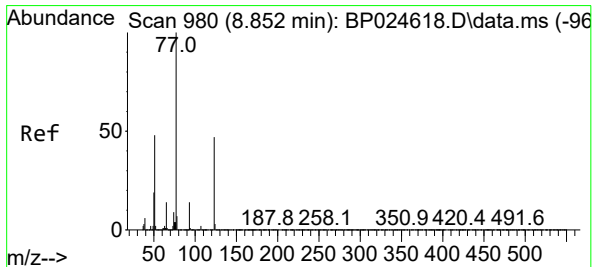
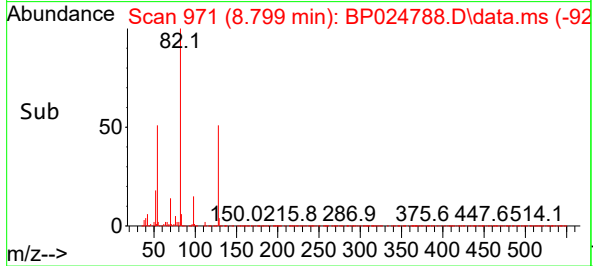
54 50.5 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#24

Nitrobenzene

Concen: 35.545 ng

RT: 8.840 min Scan# 978

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

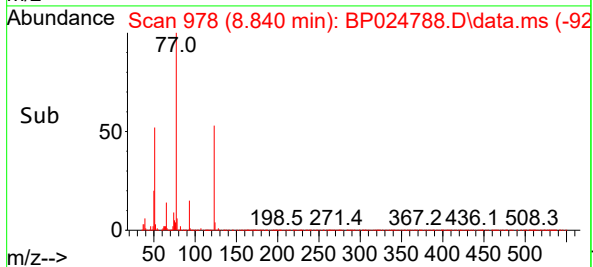
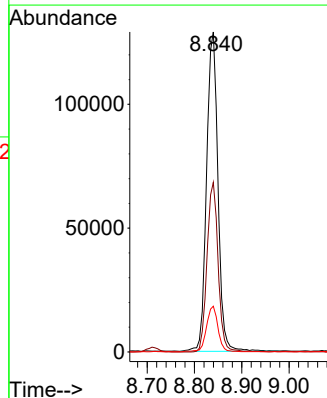
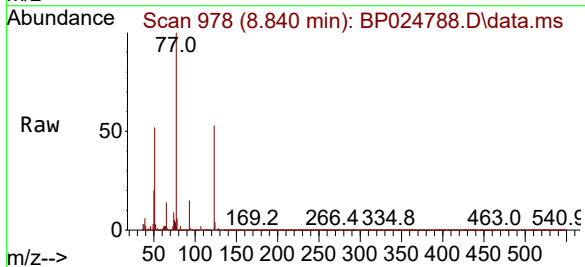
Tgt Ion: 77 Resp: 215844

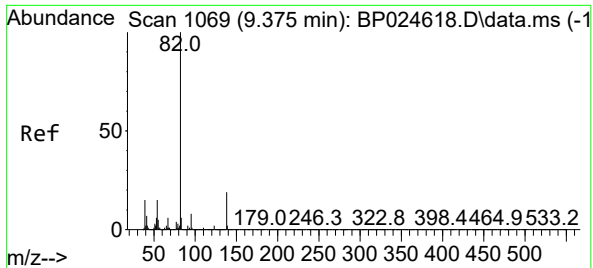
Ion Ratio Lower Upper

77 100

123 53.0 37.4 56.0

65 14.3 11.3 16.9





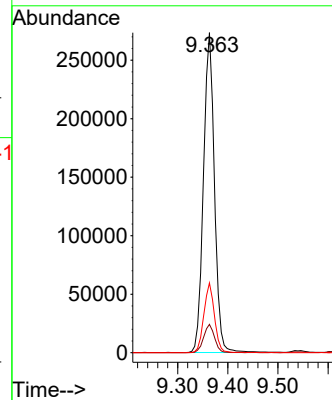
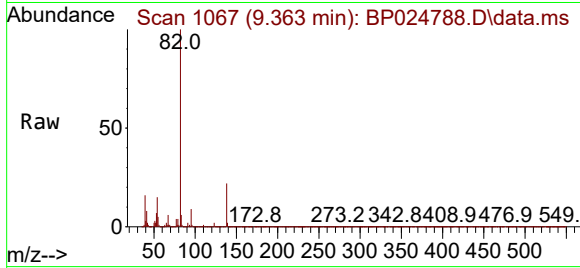
#25
Isophorone
Concen: 34.769 ng
RT: 9.363 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 41617
Ion Ratio Lower Upper
82 100
95 8.8 6.3 9.5
138 21.8 15.3 22.9

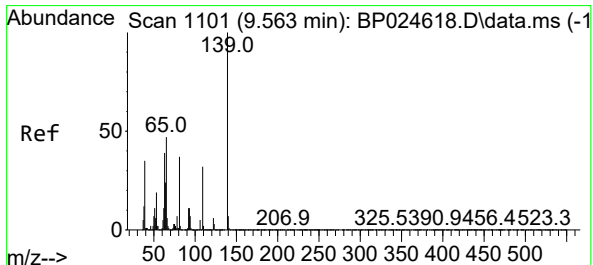
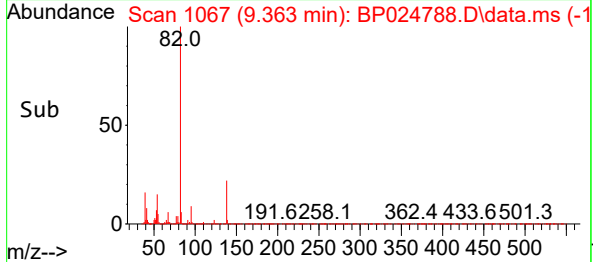
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



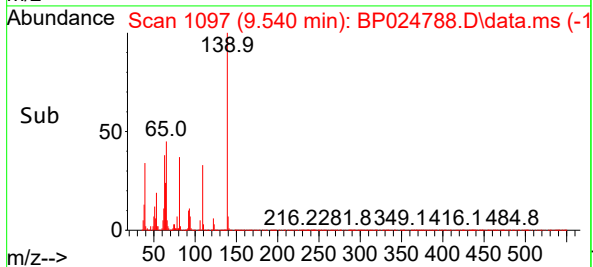
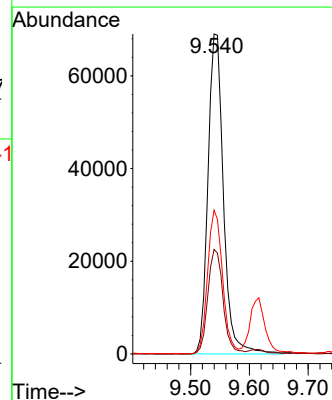
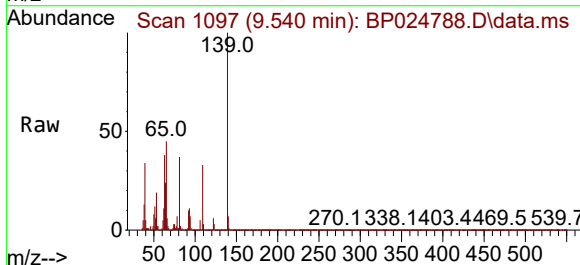
05/27/2025
Supervised By :Jagrut
Upadhyay

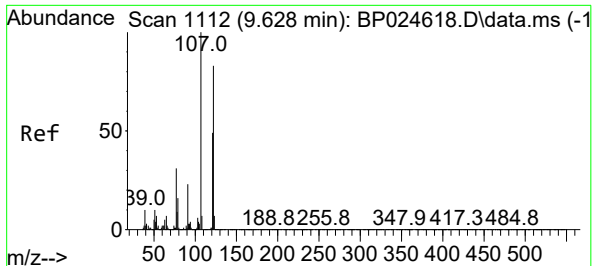
05/27/2025



#26
2-Nitrophenol
Concen: 42.384 ng
RT: 9.540 min Scan# 1097
Delta R.T. -0.024 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:139 Resp: 126118
Ion Ratio Lower Upper
139 100
109 32.7 25.9 38.9
65 44.9 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 39.115 ng

RT: 9.616 min Scan# 1110

Delta R.T. -0.012 min

Lab File: BP024788.D

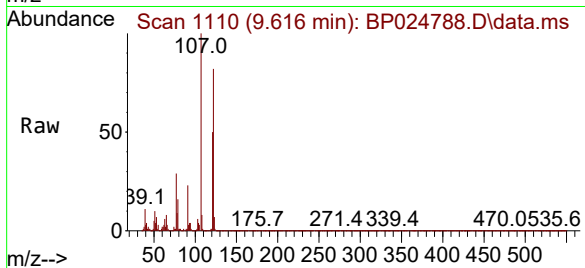
Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 20520

Ion Ratio Lower Upper

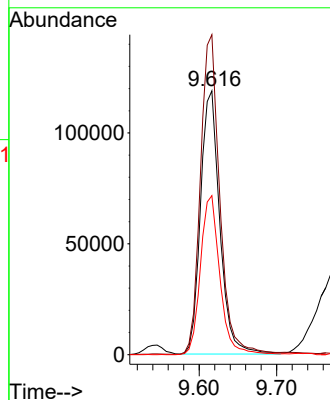
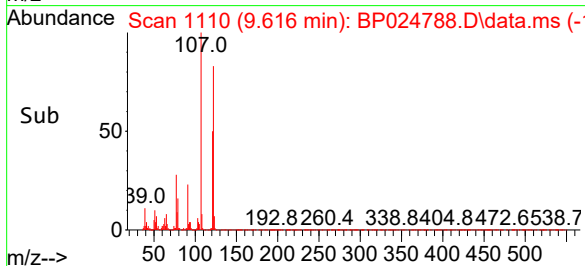
122 100

107 121.3 96.2 144.2

121 60.3 47.6 71.4

Manual Integrations

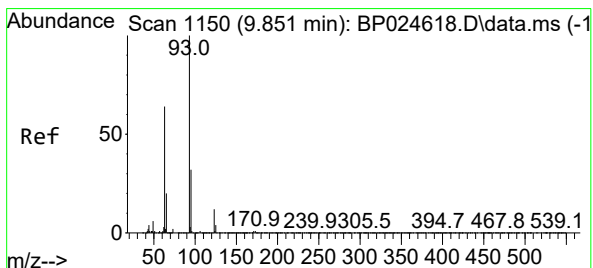
APPROVED

Reviewed By :Rahul
Chavli

05/27/2025

Supervised By :Jagrut
Upadhyay

05/27/2025



#28

bis(2-Chloroethoxy)methane

Concen: 33.693 ng

RT: 9.834 min Scan# 1147

Delta R.T. -0.018 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

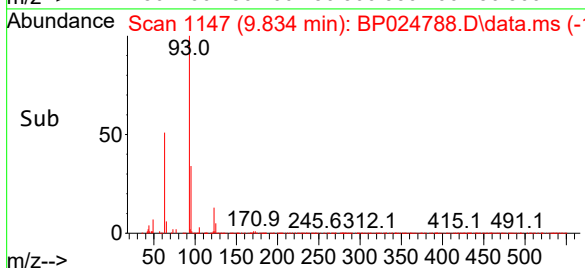
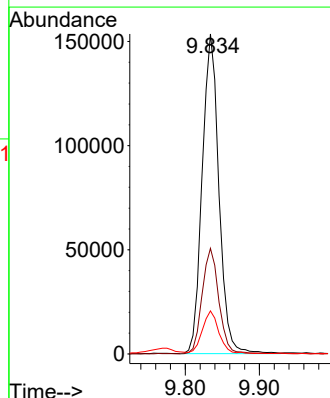
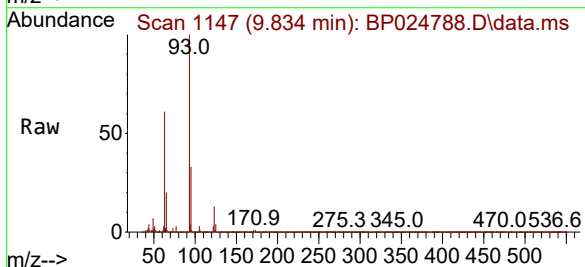
Tgt Ion: 93 Resp: 240940

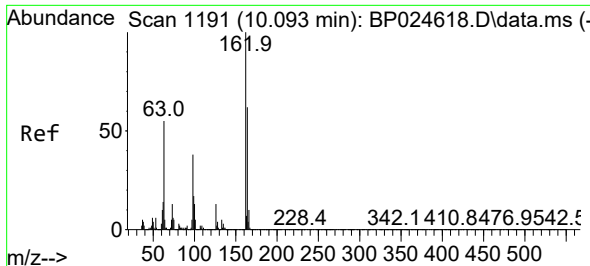
Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

123 13.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 40.513 ng

RT: 10.093 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BP024788.D

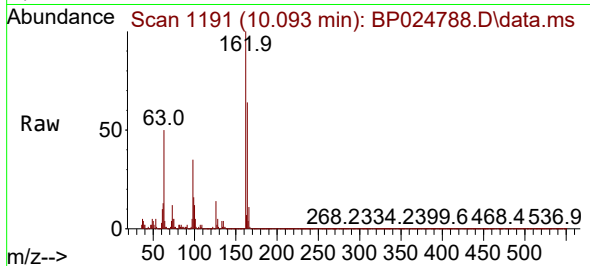
Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 205962

Ion Ratio Lower Upper

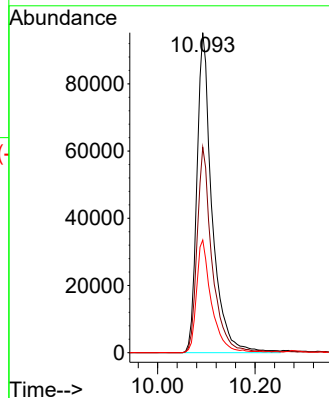
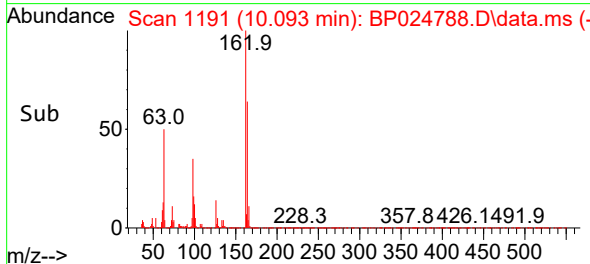
162 100

164 64.2 42.3 82.3

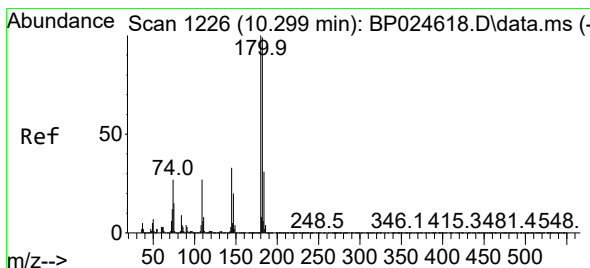
98 35.2 18.4 58.4

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#30

1,2,4-Trichlorobenzene

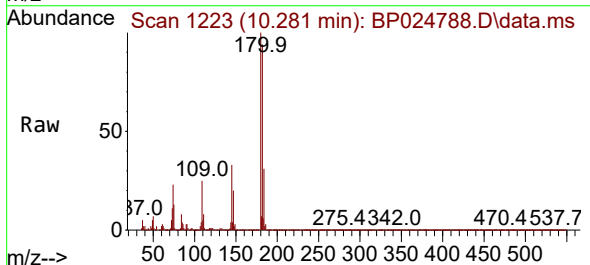
Concen: 39.636 ng

RT: 10.281 min Scan# 1223

Delta R.T. -0.018 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40



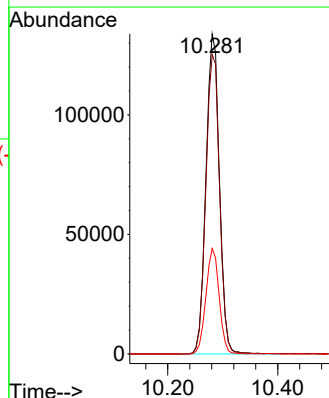
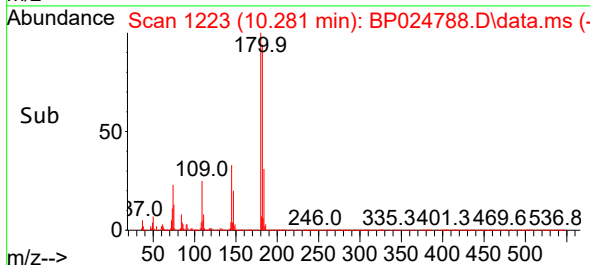
Tgt Ion:180 Resp: 227074

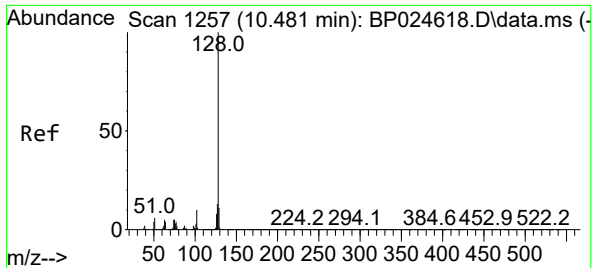
Ion Ratio Lower Upper

180 100

182 93.5 79.0 118.4

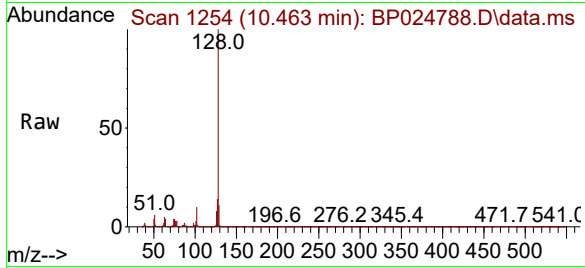
145 32.9 26.6 39.8





#31
Naphthalene
Concen: 38.612 ng
RT: 10.463 min Scan# 1125
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

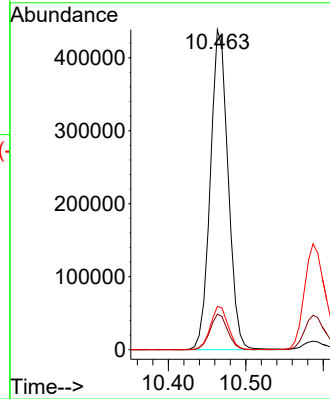
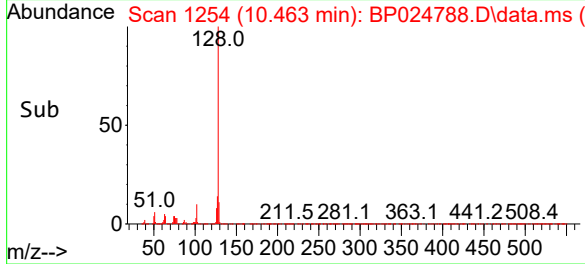
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 69762
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.7 16.1

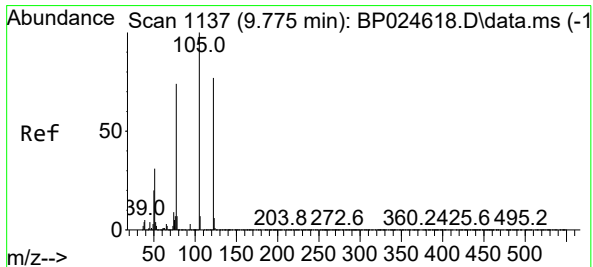
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



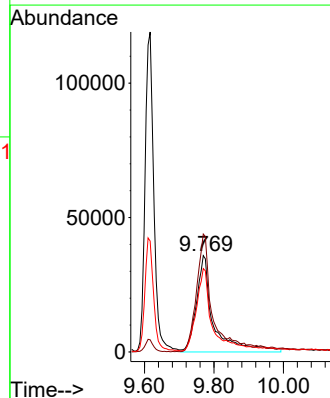
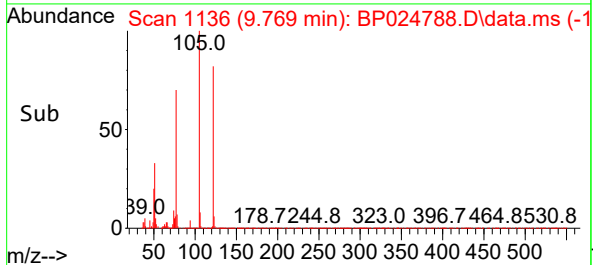
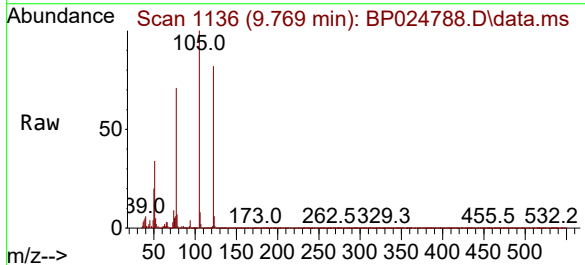
05/27/2025
Supervised By :Jagrut
Upadhyay

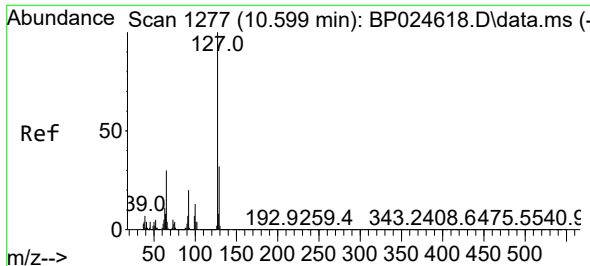
05/27/2025



#32
Benzoic acid
Concen: 35.863 ng m
RT: 9.769 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:122 Resp: 122811
Ion Ratio Lower Upper
122 100
105 122.5 106.9 146.9
77 86.6 75.1 115.1





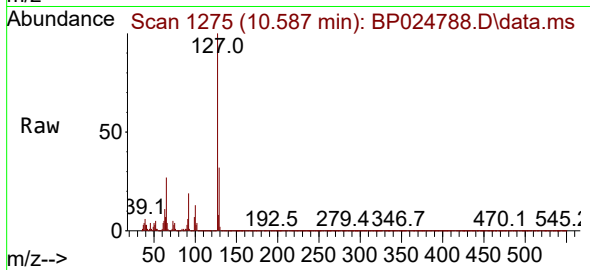
#33
4-Chloroaniline
Concen: 39.447 ng
RT: 10.587 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

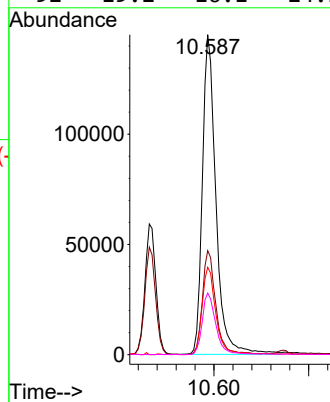
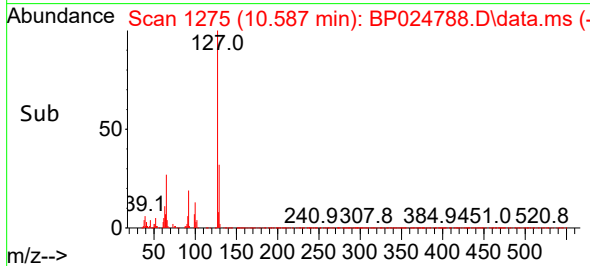
SSTDCCC040



Tgt Ion:127 Resp: 287598
Ion Ratio Lower Upper
127 100
129 32.5 25.8 38.6
65 27.3 23.9 35.9
92 19.2 16.1 24.1

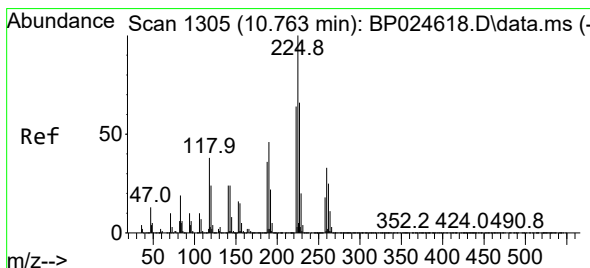
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



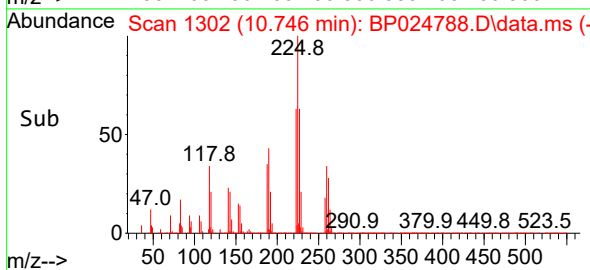
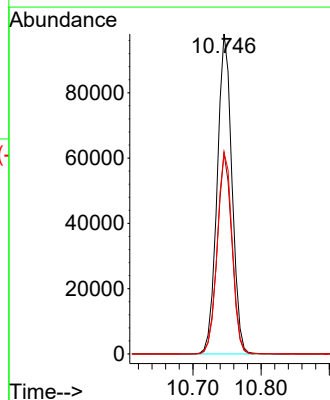
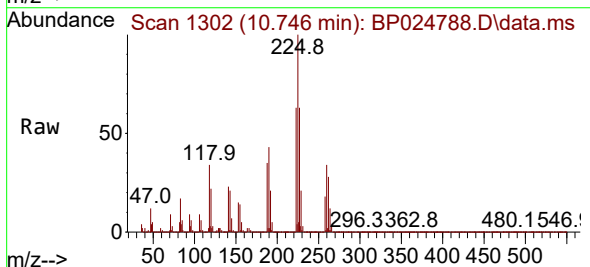
05/27/2025
Supervised By :Jagrut
Upadhyay

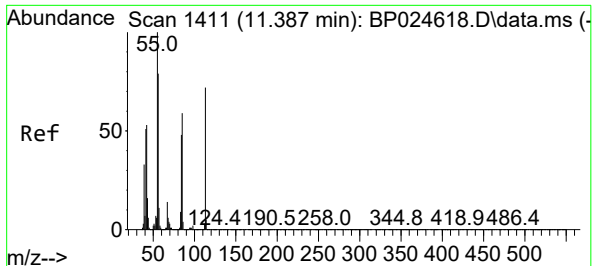
05/27/2025



#34
Hexachlorobutadiene
Concen: 39.777 ng
RT: 10.746 min Scan# 1302
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

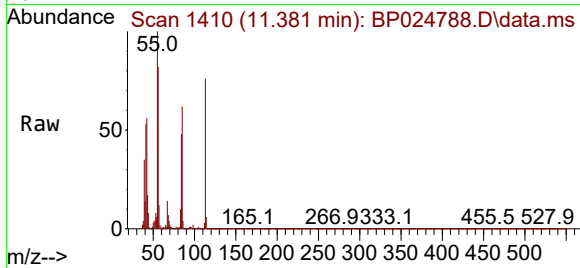
Tgt Ion:225 Resp: 147624
Ion Ratio Lower Upper
225 100
223 62.8 51.0 76.6
227 62.9 53.1 79.7





#35
Caprolactam
Concen: 39.418 ng
RT: 11.381 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

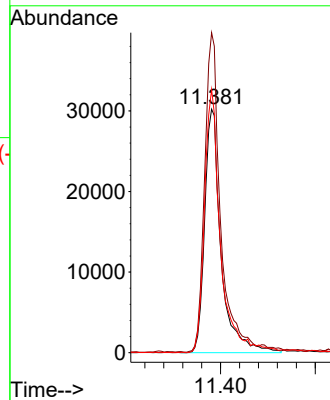
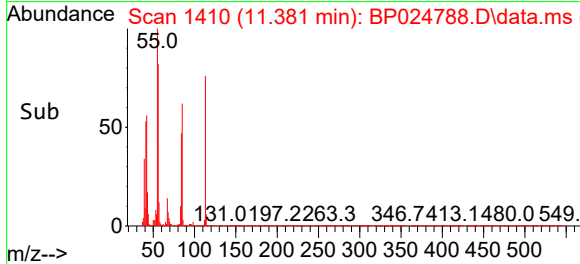
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 72504
Ion Ratio Lower Upper
113 100
55 131.4 119.0 159.0
56 108.0 90.3 130.3

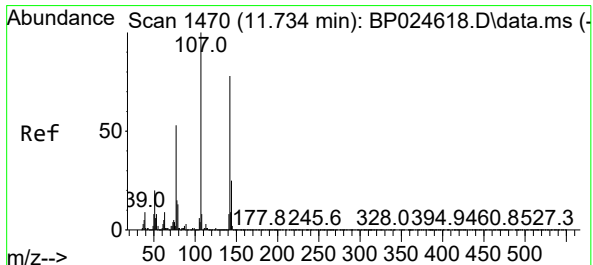
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

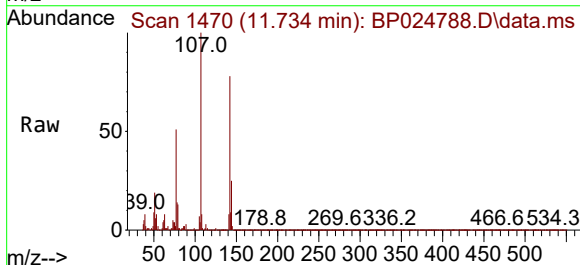


05/27/2025
Supervised By :Jagrut
Upadhyay

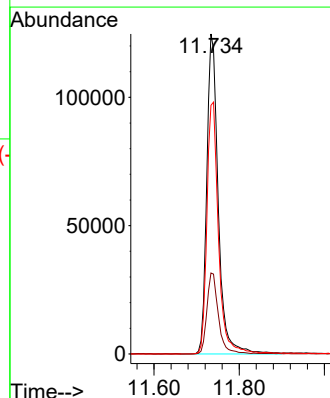
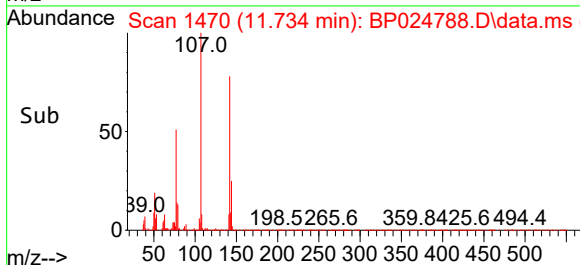
05/27/2025

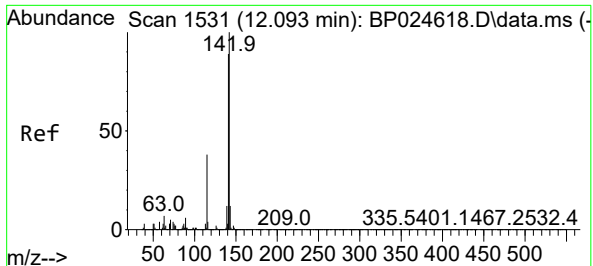


#36
4-Chloro-3-methylphenol
Concen: 37.662 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40



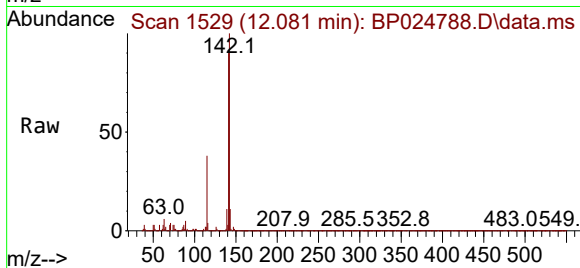
Tgt Ion:107 Resp: 233494
Ion Ratio Lower Upper
107 100
144 25.3 20.1 30.1
142 77.7 62.1 93.1





#37
2-Methylnaphthalene
Concen: 37.844 ng
RT: 12.081 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

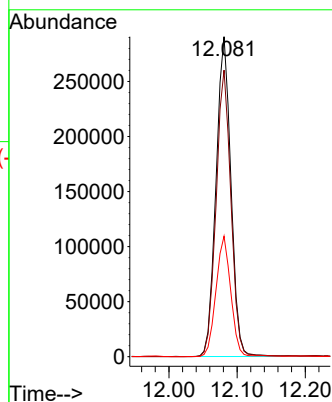
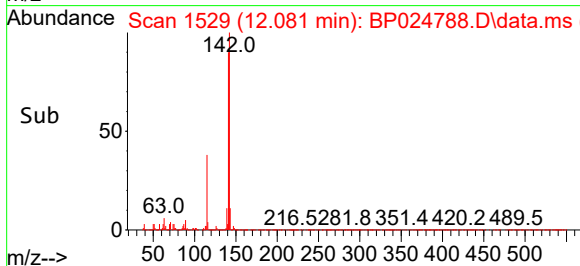
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 44273
Ion Ratio Lower Upper
142 100
141 89.6 71.2 106.8
115 37.7 30.6 46.0

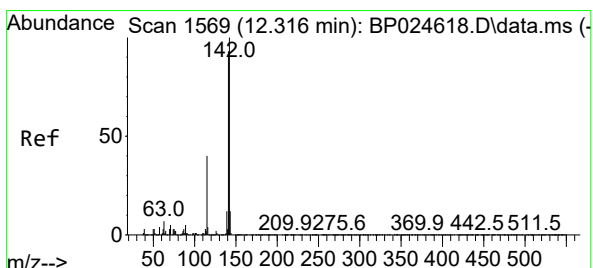
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



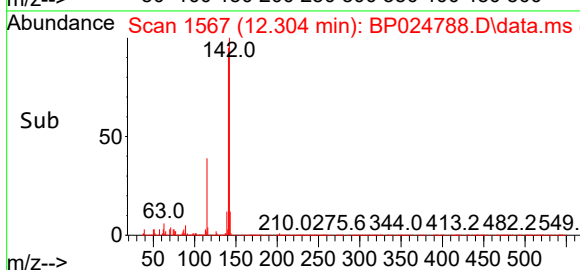
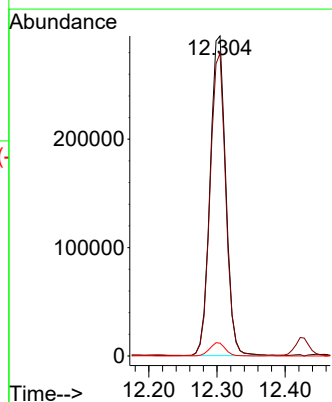
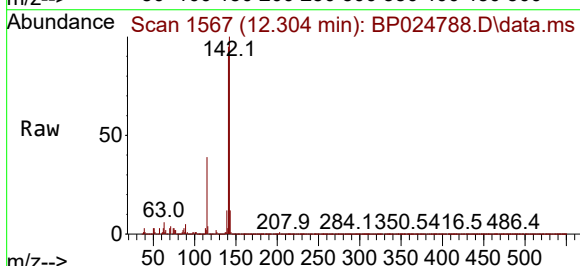
05/27/2025
Supervised By :Jagrut
Upadhyay

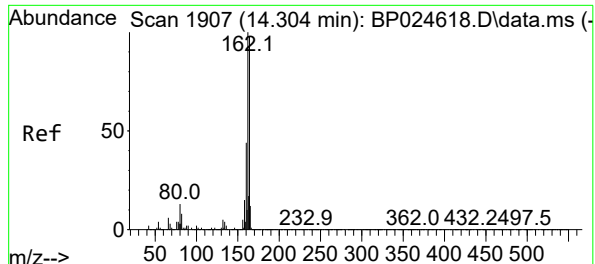
05/27/2025



#38
1-Methylnaphthalene
Concen: 37.693 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:142 Resp: 471817
Ion Ratio Lower Upper
142 100
141 94.6 74.7 112.1
116 4.0 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.281 min Scan# 1903

Delta R.T. -0.024 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:164 Resp: 22350

Ion Ratio Lower Upper

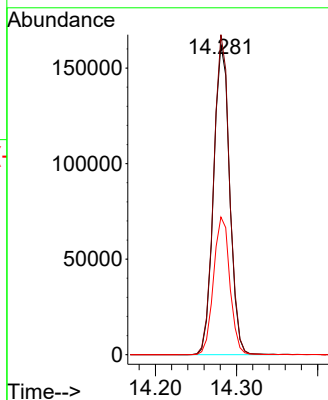
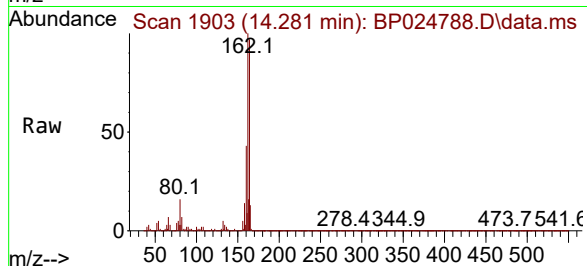
164 100

162 103.2 81.8 122.6

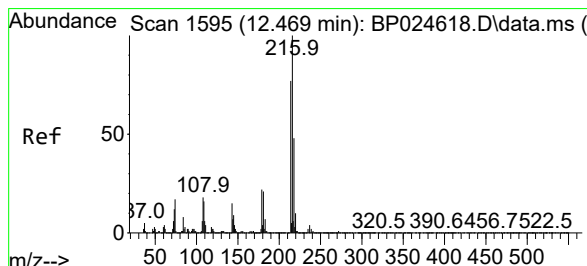
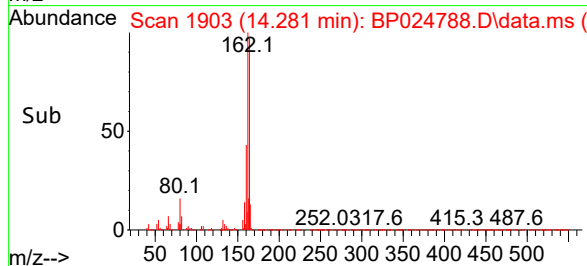
160 44.3 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.090 ng

RT: 12.451 min Scan# 1592

Delta R.T. -0.018 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Tgt Ion:216 Resp: 260194

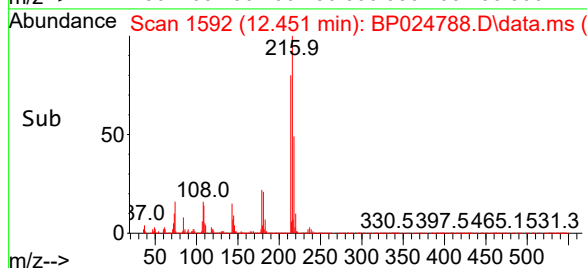
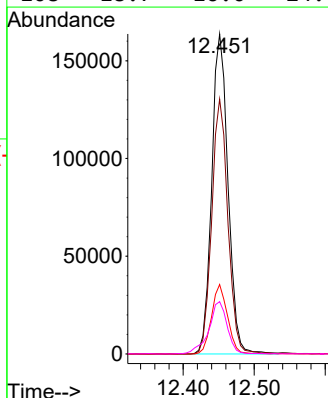
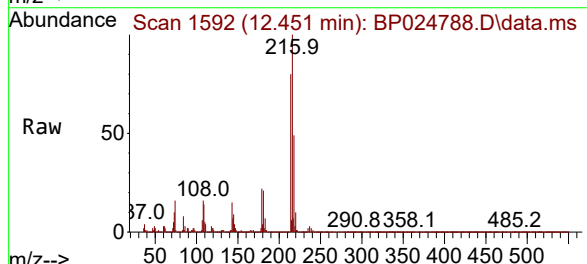
Ion Ratio Lower Upper

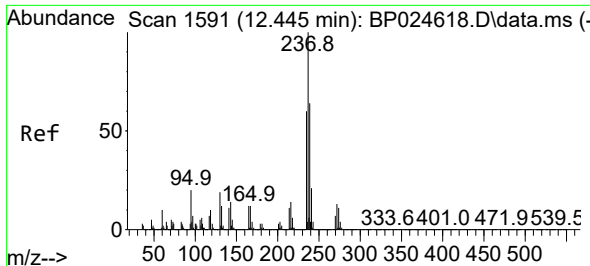
216 100

214 79.0 62.3 93.5

179 21.3 17.7 26.5

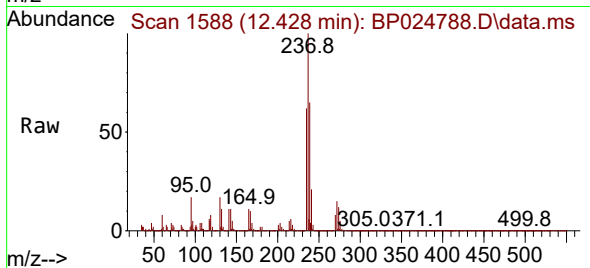
108 18.7 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 52.383 ng
RT: 12.428 min Scan# 1591
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

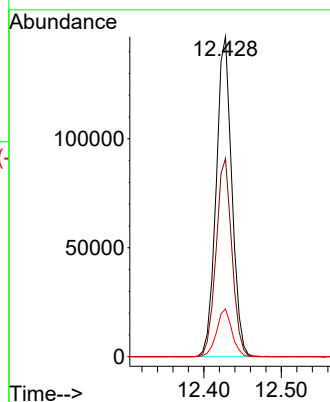
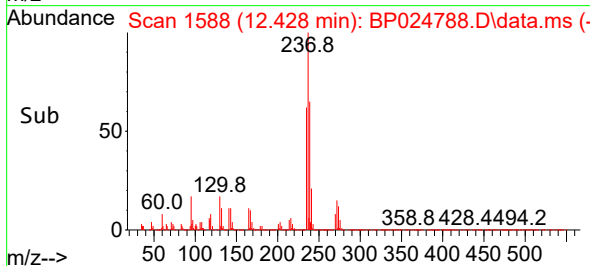
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 237 Resp: 20615
Ion Ratio Lower Upper
237 100
235 61.9 39.9 79.9
272 15.0 0.0 33.2

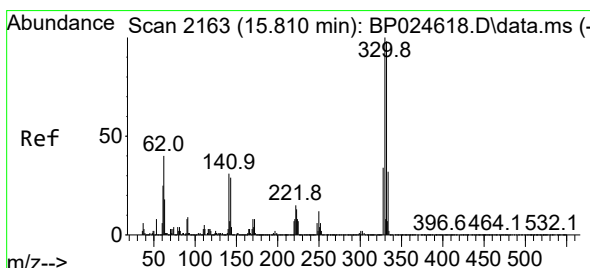
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



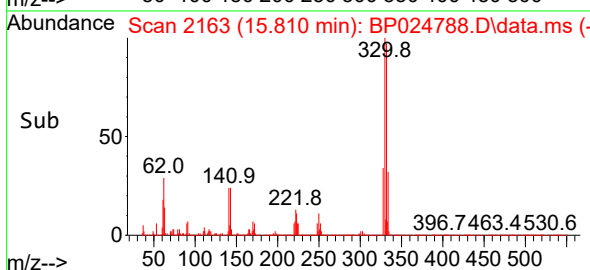
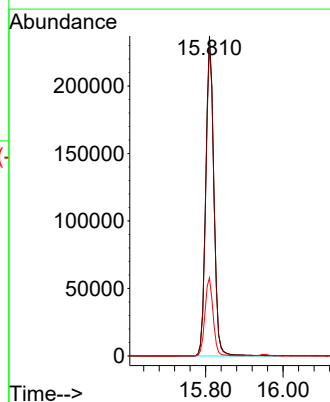
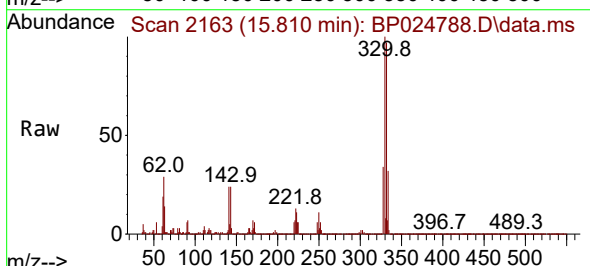
05/27/2025
Supervised By :Jagrut
Upadhyay

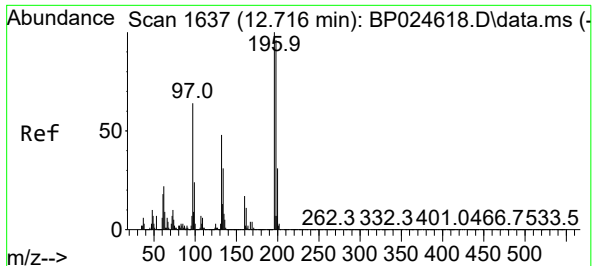
05/27/2025



#42
2,4,6-Tribromophenol
Concen: 90.543 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion: 330 Resp: 343067
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.4
141 24.7 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 41.312 ng

RT: 12.704 min Scan# 1635

Delta R.T. -0.012 min

Lab File: BP024788.D

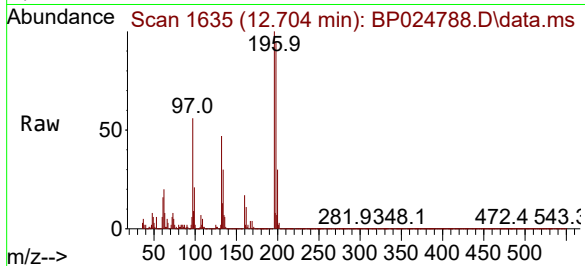
Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 17366

Ion Ratio Lower Upper

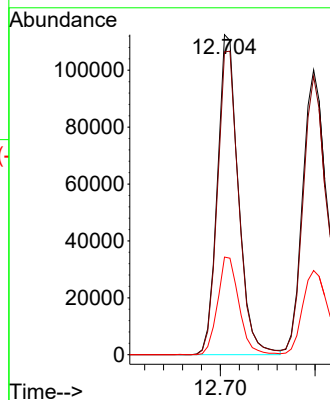
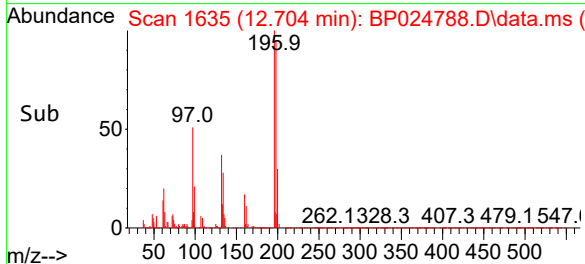
196 100

198 94.6 76.9 115.3

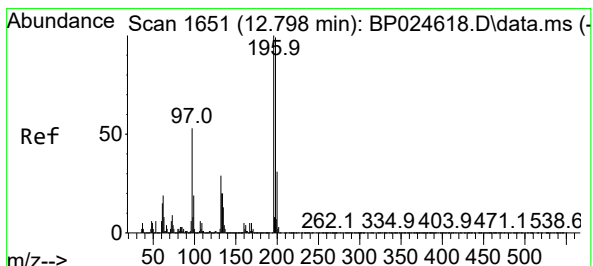
200 30.5 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#44

2,4,5-Trichlorophenol

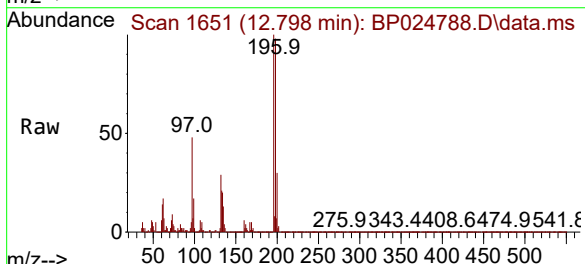
Concen: 39.137 ng

RT: 12.798 min Scan# 1651

Delta R.T. 0.000 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40



Tgt Ion:196 Resp: 183134

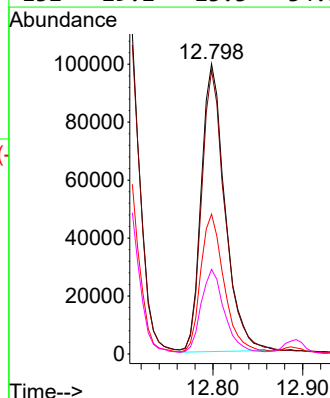
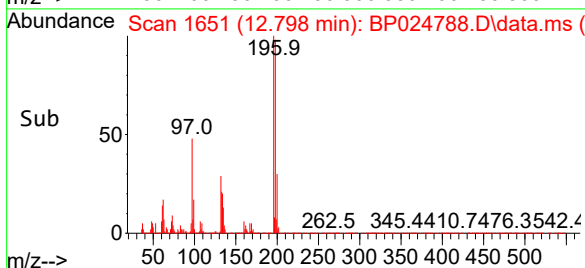
Ion Ratio Lower Upper

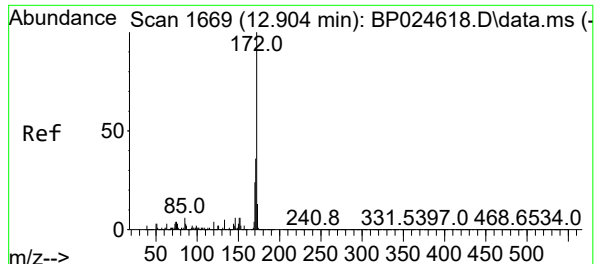
196 100

198 97.8 79.2 118.8

97 48.2 42.3 63.5

132 29.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 78.425 ng

RT: 12.893 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 133790

Ion Ratio Lower Upper

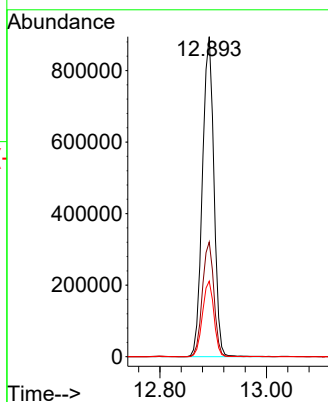
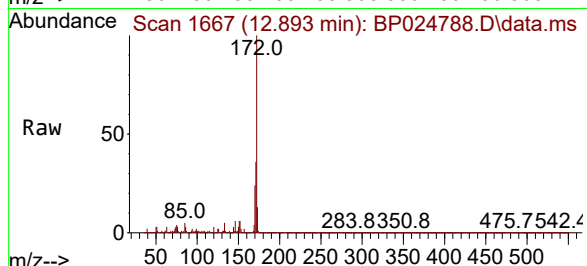
172 100

171 35.8 28.8 43.2

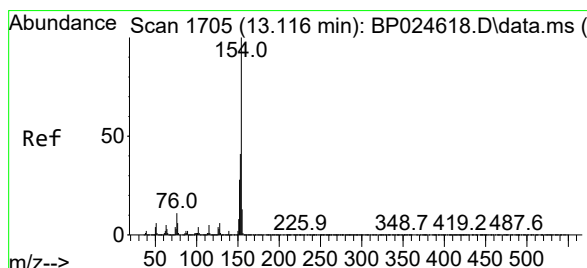
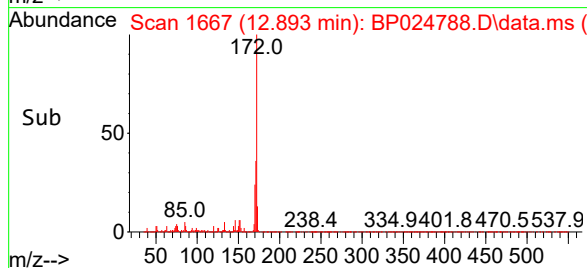
170 23.6 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#46

1,1'-Biphenyl

Concen: 38.408 ng

RT: 13.093 min Scan# 1701

Delta R.T. -0.024 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

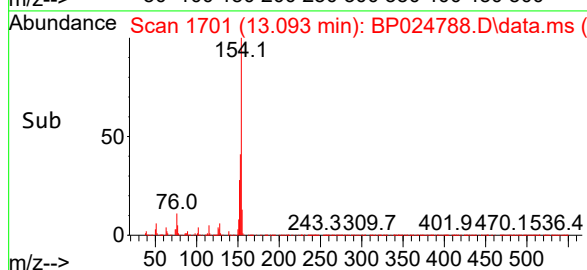
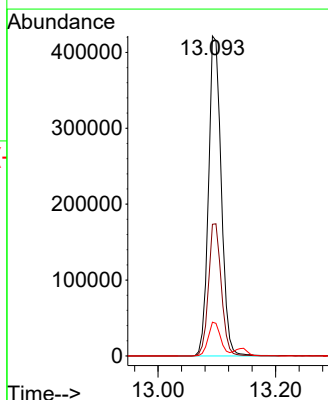
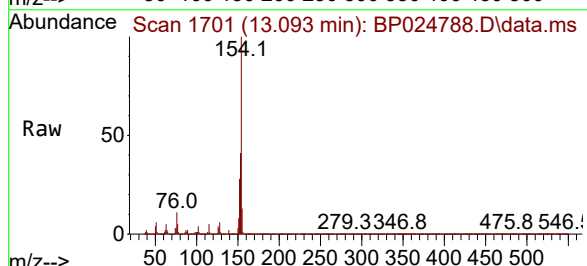
Tgt Ion:154 Resp: 634461

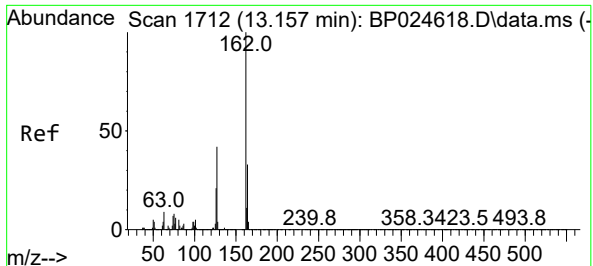
Ion Ratio Lower Upper

154 100

153 41.2 21.0 61.0

76 10.5 0.0 31.5





#47

2-Chloronaphthalene

Concen: 39.580 ng

RT: 13.145 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 49852

Ion Ratio Lower Upper

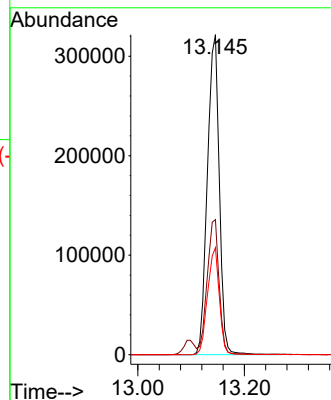
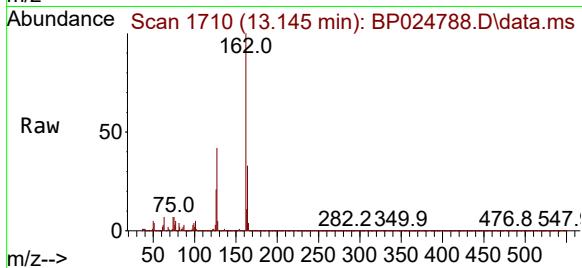
162 100

127 42.2 33.8 50.6

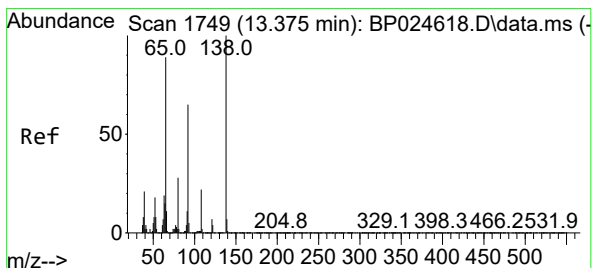
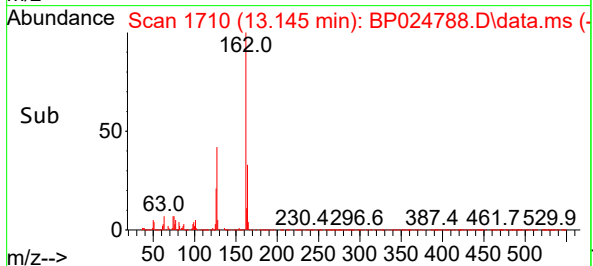
164 33.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#48

2-Nitroaniline

Concen: 37.032 ng

RT: 13.357 min Scan# 1746

Delta R.T. -0.018 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

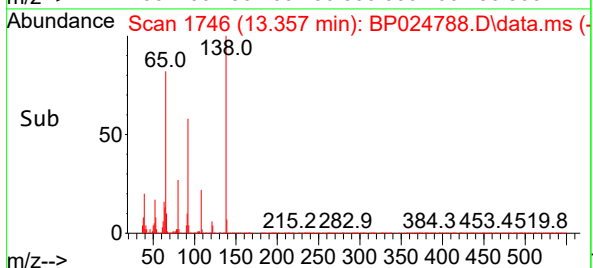
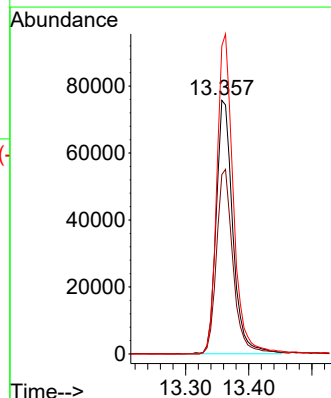
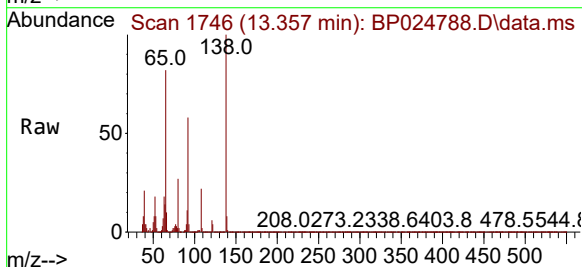
Tgt Ion: 65 Resp: 138094

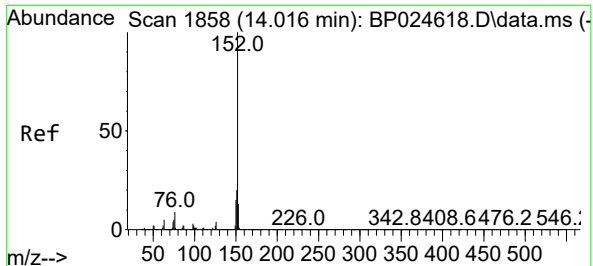
Ion Ratio Lower Upper

65 100

92 70.7 58.7 88.1

138 121.5 90.2 135.2





#49

Acenaphthylene

Concen: 39.218 ng

RT: 13.998 min Scan# 1855

Delta R.T. -0.018 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

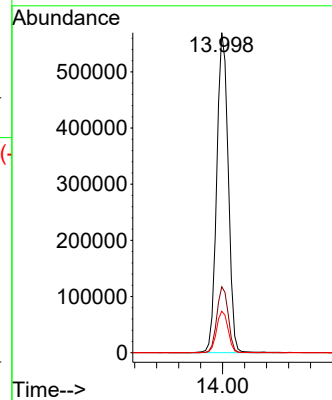
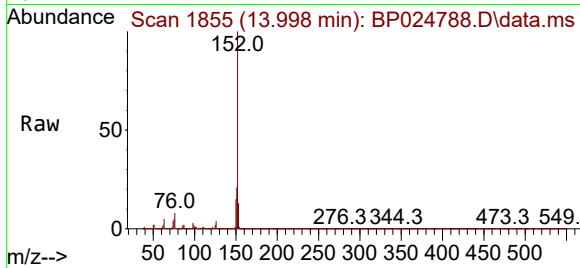
Instrument :

BNA_P

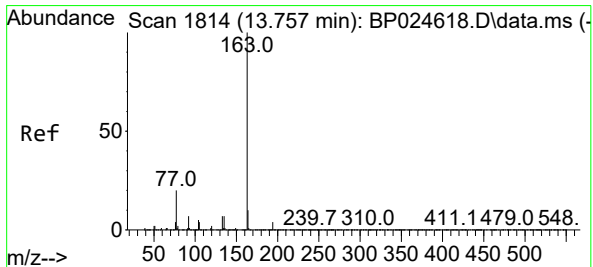
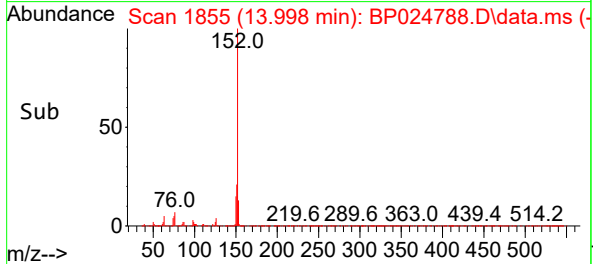
ClientSampleId :

SSTDCCC040

Tgt Ion:	152	Resp:	826630
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.2	24.4
153	13.0	10.2	15.4

Manual Integrations
APPROVEDReviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#50

Dimethylphthalate

Concen: 38.588 ng

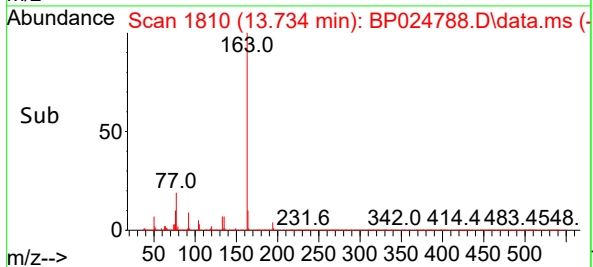
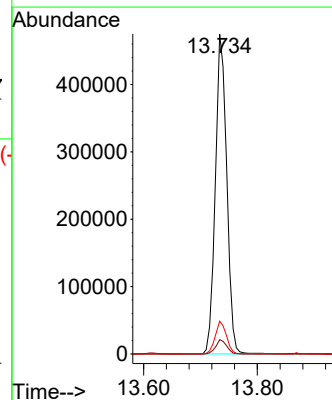
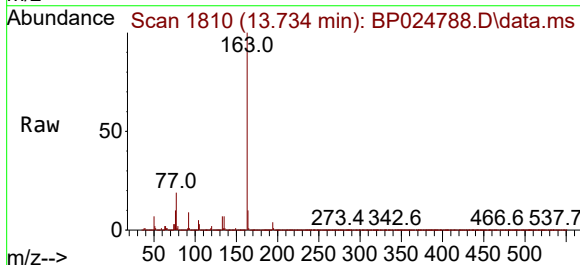
RT: 13.734 min Scan# 1810

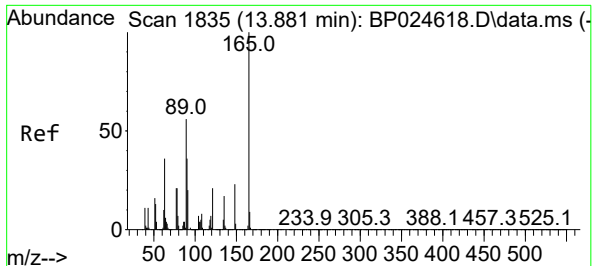
Delta R.T. -0.024 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

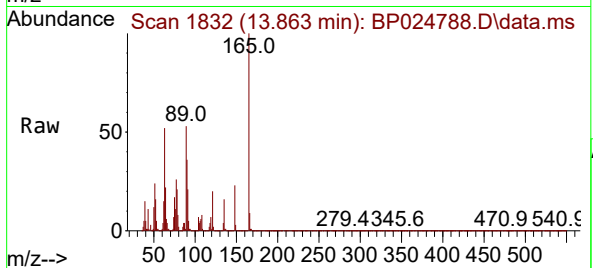
Tgt Ion:	163	Resp:	657364
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.0
164	10.2	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 39.670 ng
RT: 13.863 min Scan# 1832
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

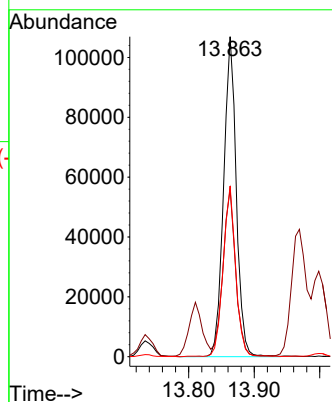
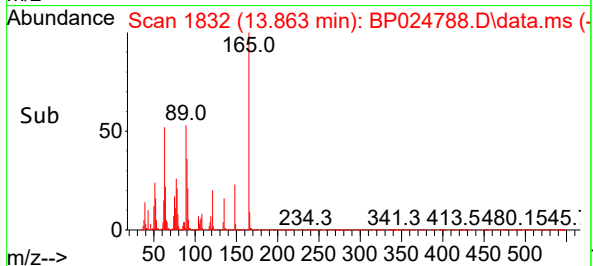
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 142722
Ion Ratio Lower Upper
165 100
63 52.3 42.4 63.6
89 53.4 44.8 67.2

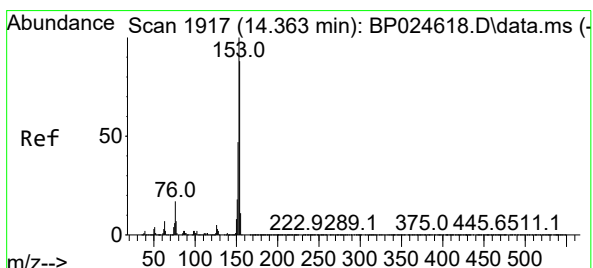
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



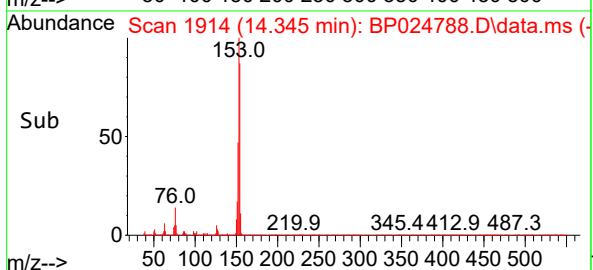
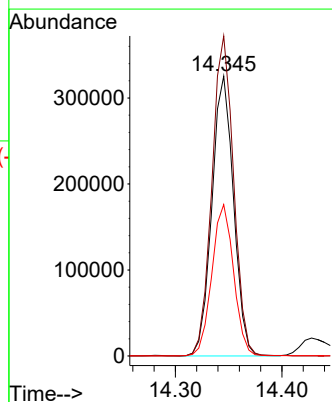
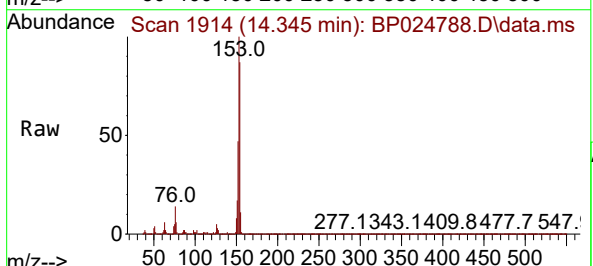
05/27/2025
Supervised By :Jagrut
Upadhyay

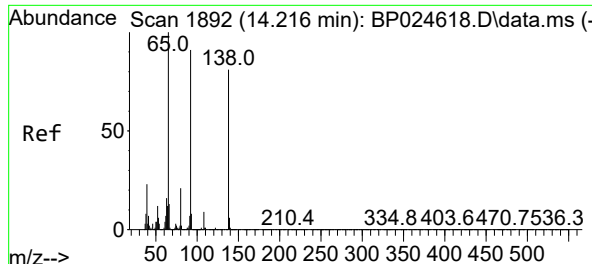
05/27/2025



#52
Acenaphthene
Concen: 37.863 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:154 Resp: 458801
Ion Ratio Lower Upper
154 100
153 114.3 91.0 136.4
152 54.1 42.9 64.3





#53
3-Nitroaniline
Concen: 39.463 ng
RT: 14.210 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :

BNA_P

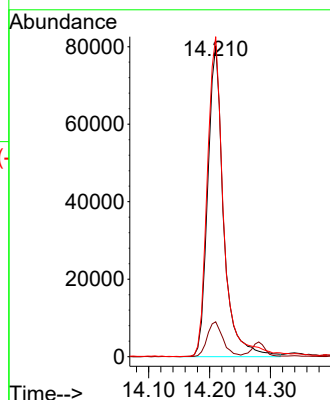
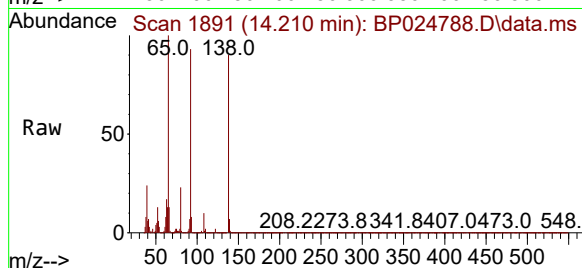
ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 144972
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 102.9 90.1 135.1

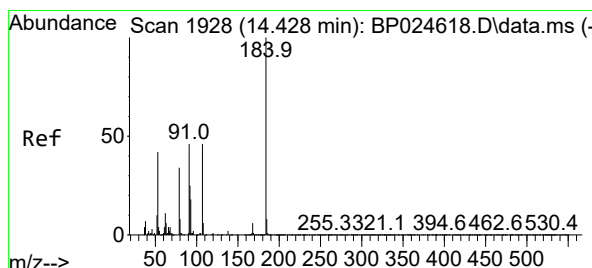
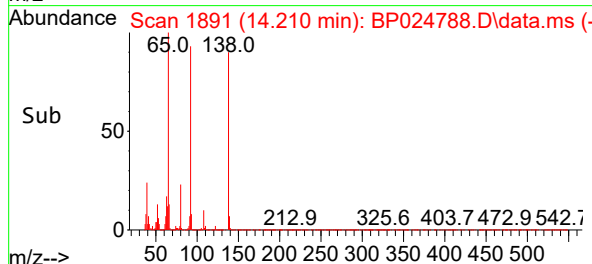
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



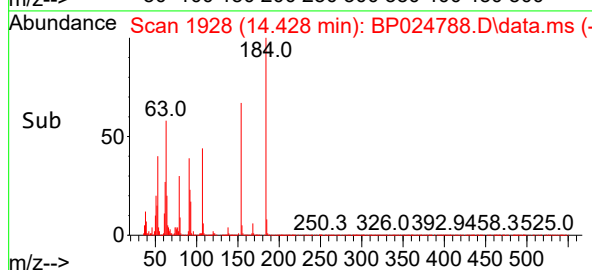
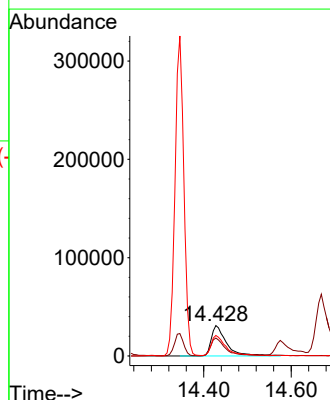
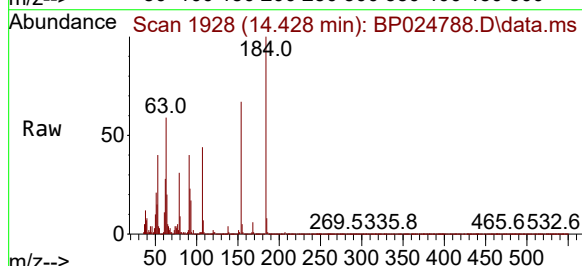
05/27/2025
Supervised By :Jagrut
Upadhyay

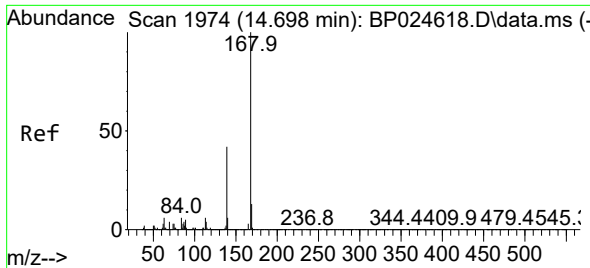
05/27/2025



#54
2,4-Dinitrophenol
Concen: 36.684 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

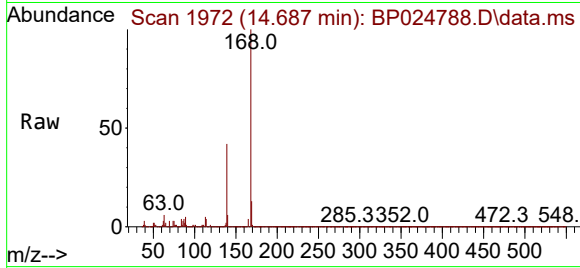
Tgt Ion:184 Resp: 74679
Ion Ratio Lower Upper
184 100
63 58.9 51.3 76.9
154 67.2 53.5 80.3





#55
Dibenzenofuran
Concen: 38.561 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

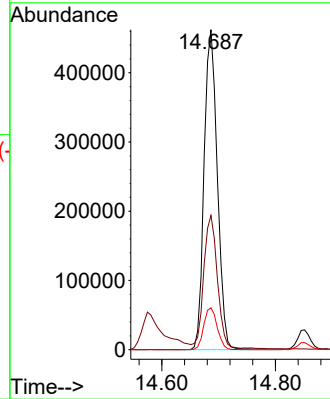
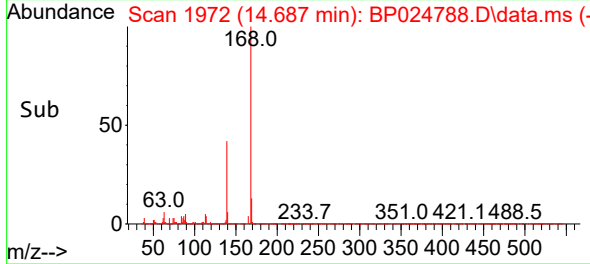
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 745308
Ion Ratio Lower Upper
168 100
139 42.0 34.2 51.4
169 13.1 10.8 16.2

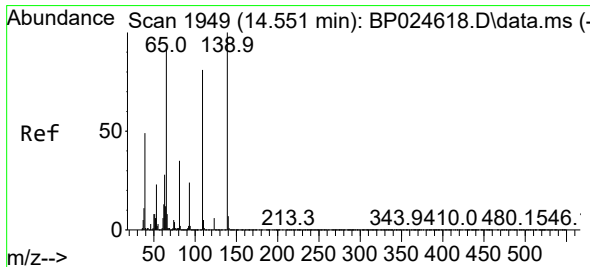
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

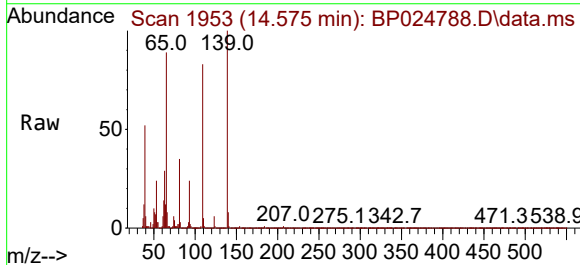


05/27/2025
Supervised By :Jagrut
Upadhyay

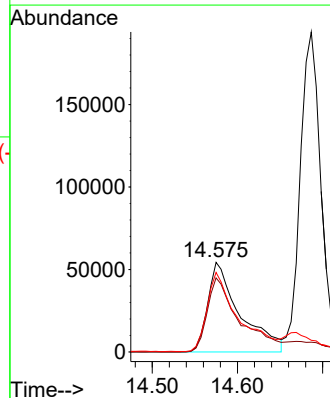
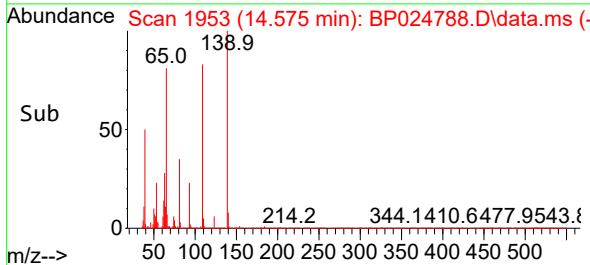
05/27/2025

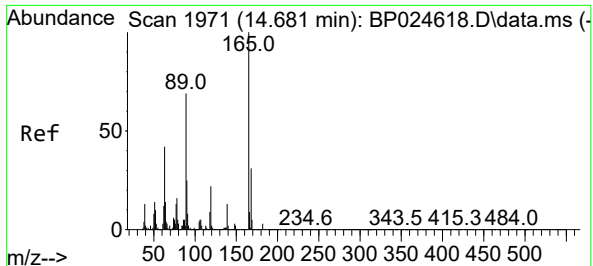


#56
4-Nitrophenol
Concen: 46.665 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.024 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40



Tgt Ion:139 Resp: 142487
Ion Ratio Lower Upper
139 100
109 82.7 61.4 101.4
65 88.8 72.2 112.2





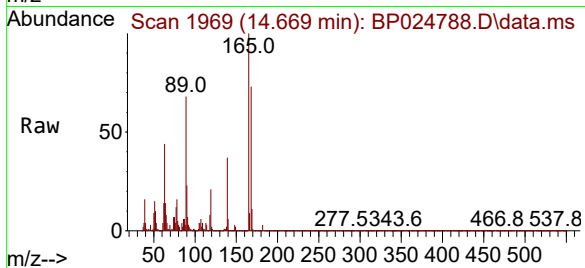
#57
2,4-Dinitrotoluene
Concen: 40.790 ng
RT: 14.669 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :

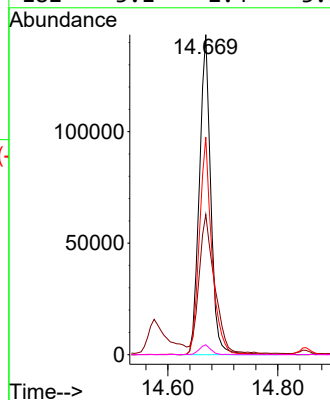
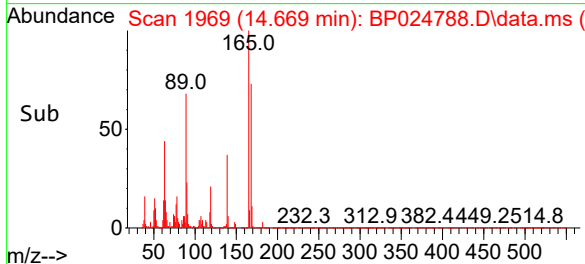
BNA_P

ClientSampleId :

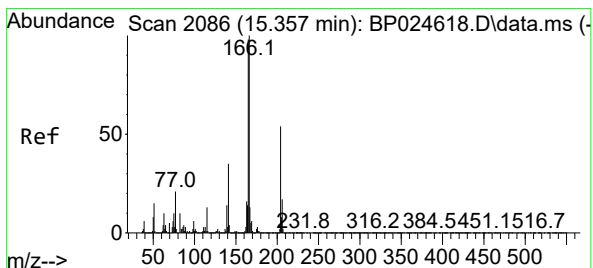
SSTDCCC040



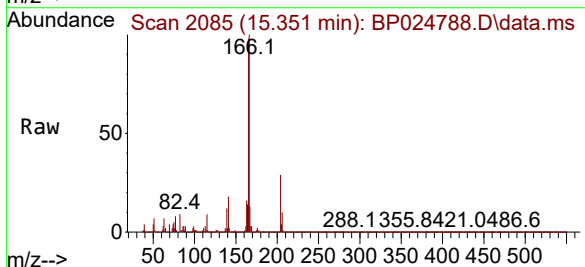
Tgt Ion:165 Resp: 206895
Ion Ratio Lower Upper
165 100
63 43.8 33.8 50.6
89 68.0 55.6 83.4
182 3.1 2.4 3.6

Manual Integrations
APPROVEDReviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

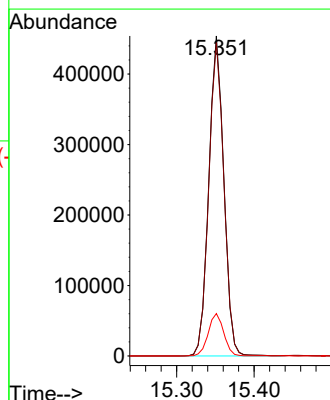
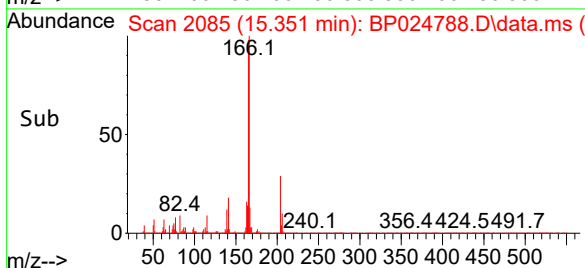
05/27/2025

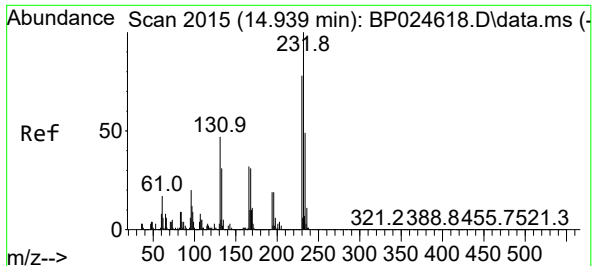


#58
Fluorene
Concen: 38.894 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40



Tgt Ion:166 Resp: 612974
Ion Ratio Lower Upper
166 100
165 97.9 78.5 117.7
167 13.2 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.732 ng

RT: 14.934 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 17681

Ion Ratio Lower Upper

232 100

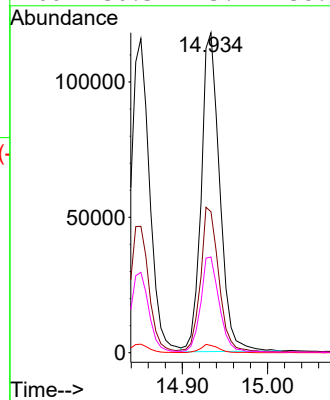
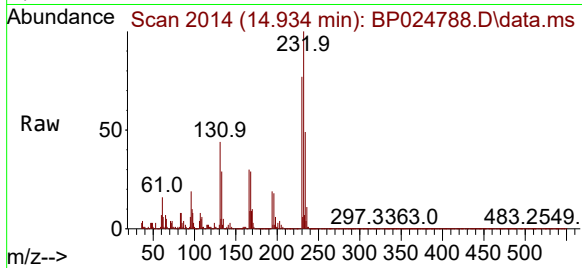
131 45.5 39.5 59.3

130 2.6 2.2 3.4

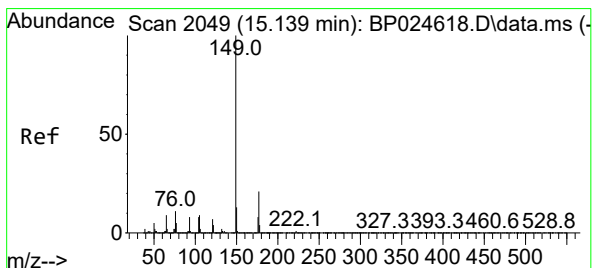
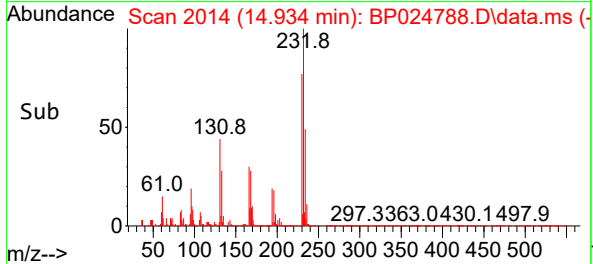
166 30.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#60

Diethylphthalate

Concen: 37.991 ng

RT: 15.128 min Scan# 2047

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

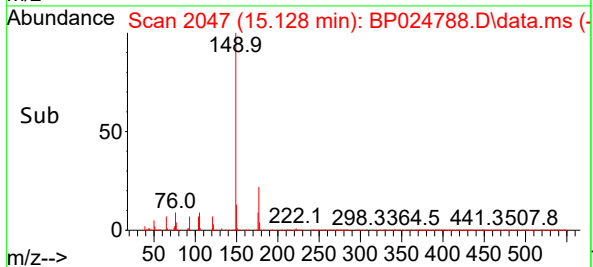
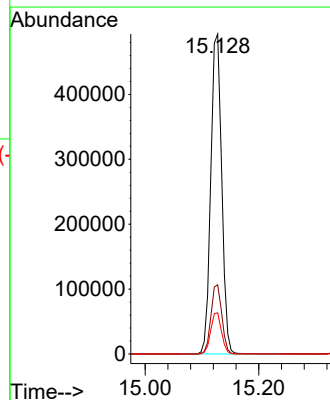
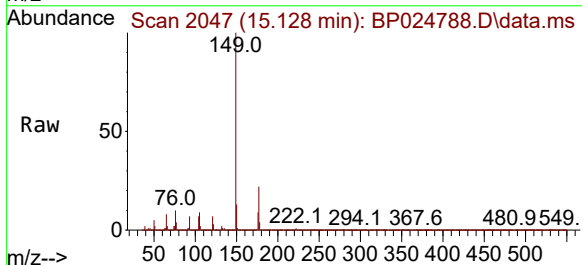
Tgt Ion:149 Resp: 654121

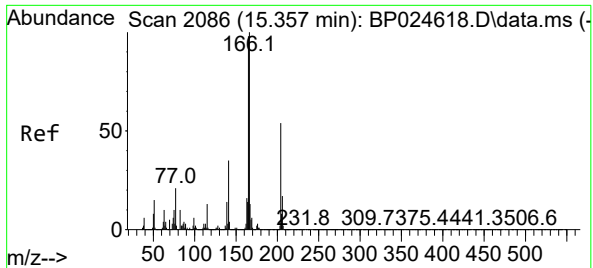
Ion Ratio Lower Upper

149 100

177 21.6 16.7 25.1

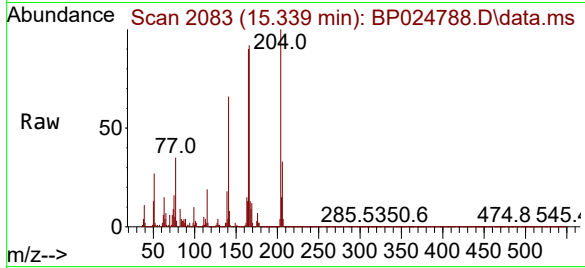
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.894 ng
RT: 15.339 min Scan# 2083
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

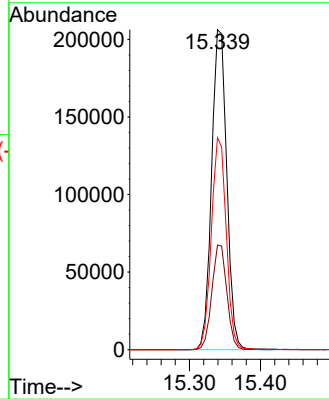
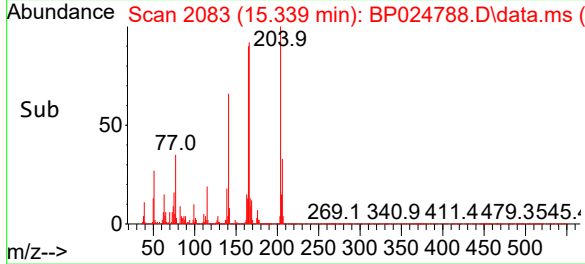
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 204 Resp: 305689
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 66.2 52.9 79.3

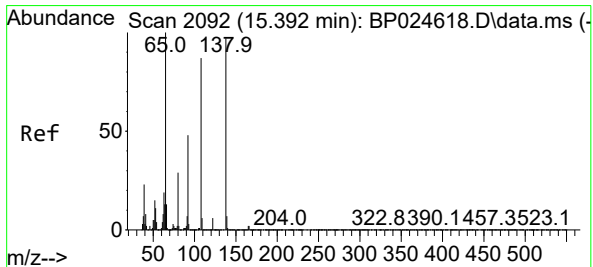
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



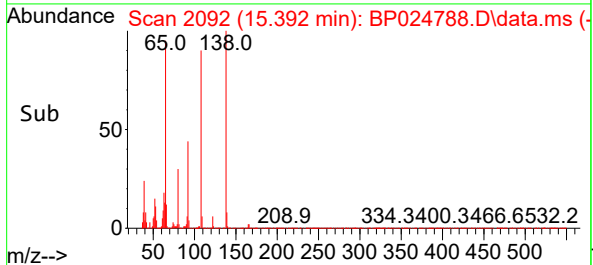
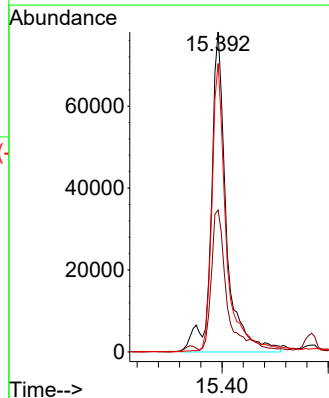
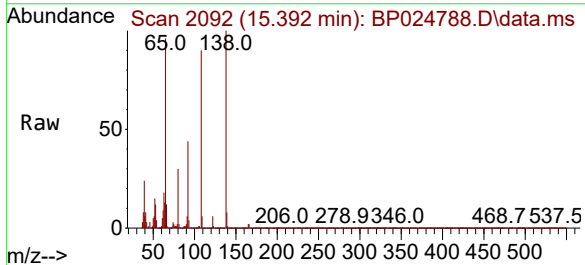
05/27/2025
Supervised By :Jagrut
Upadhyay

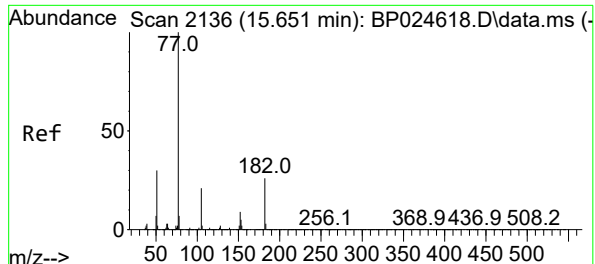
05/27/2025



#62
4-Nitroaniline
Concen: 43.848 ng m
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

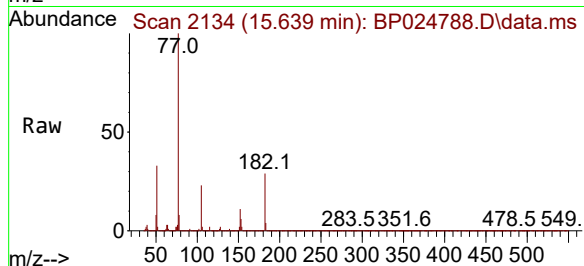
Tgt Ion: 138 Resp: 155534
Ion Ratio Lower Upper
138 100
92 44.4 29.2 69.2
108 90.1 69.0 109.0





#63
Azobenzene
Concen: 34.460 ng
RT: 15.639 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

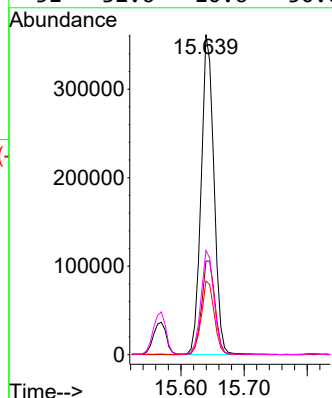
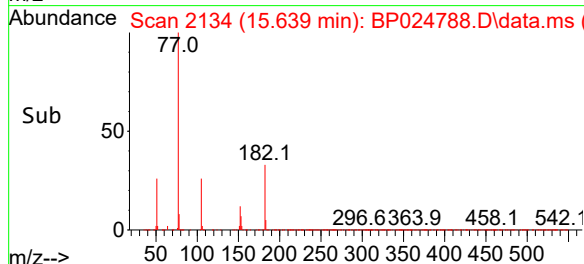
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 507580
Ion Ratio Lower Upper
77 100
182 29.2 5.7 45.7
105 23.0 1.3 41.3
51 32.6 10.6 50.6

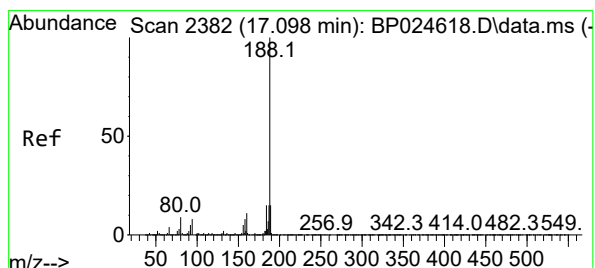
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



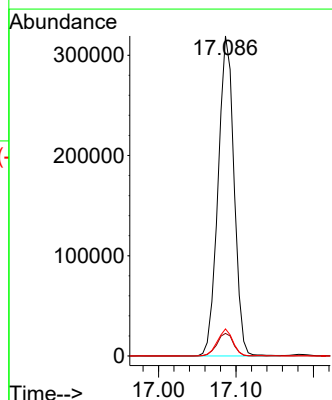
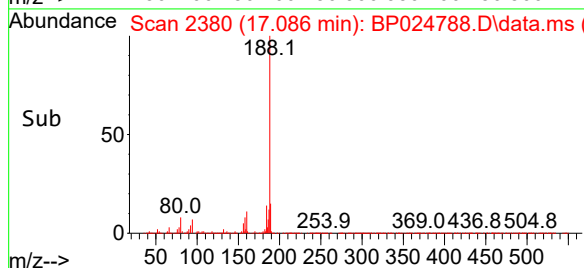
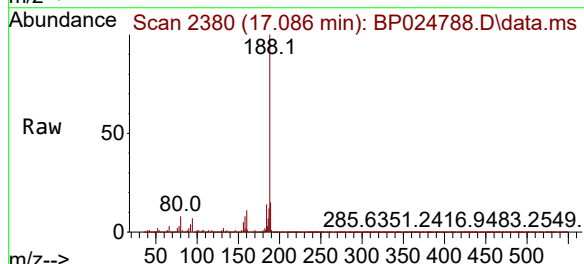
05/27/2025
Supervised By :Jagrut
Upadhyay

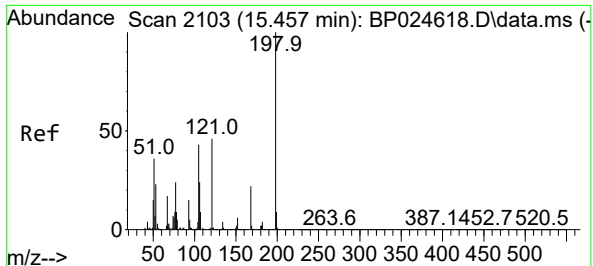
05/27/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

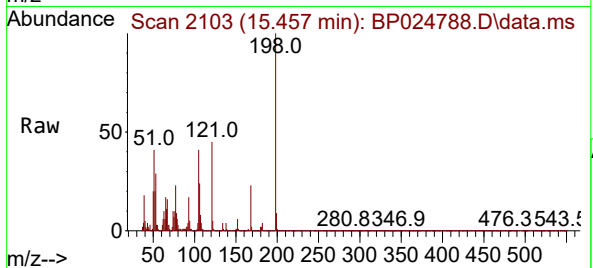
Tgt Ion:188 Resp: 457187
Ion Ratio Lower Upper
188 100
94 7.0 6.5 9.7
80 8.5 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 40.201 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

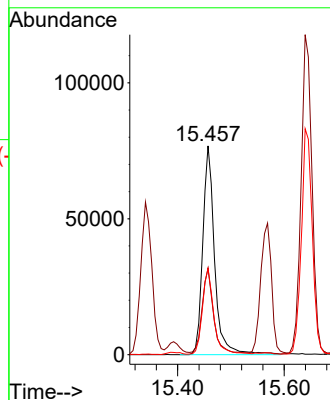
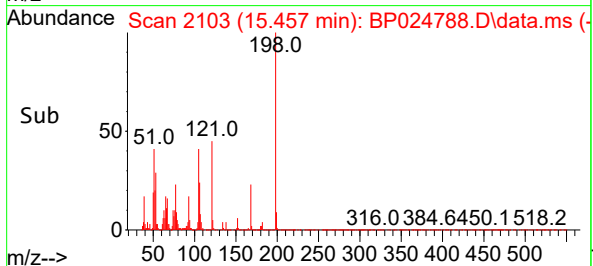
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:198 Resp: 118718
Ion Ratio Lower Upper
198 100
51 41.4 21.1 61.1
105 41.3 23.6 63.6

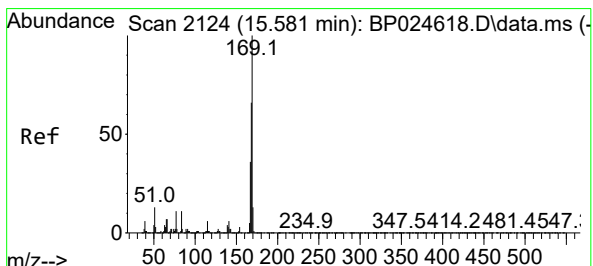
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



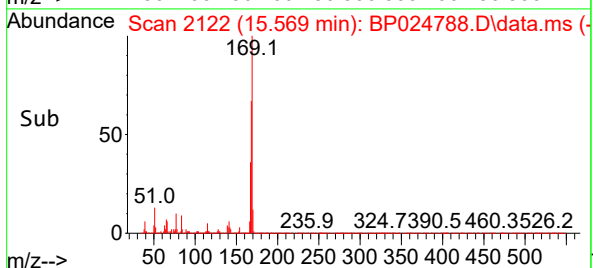
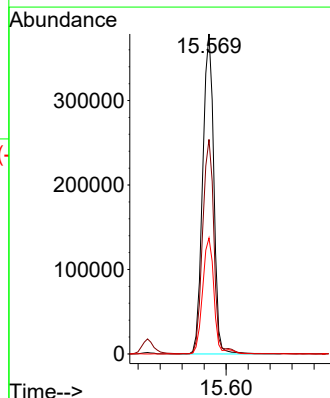
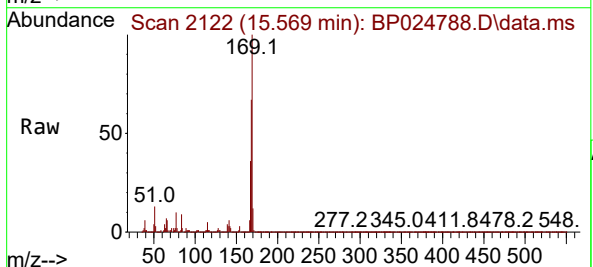
05/27/2025
Supervised By :Jagrut
Upadhyay

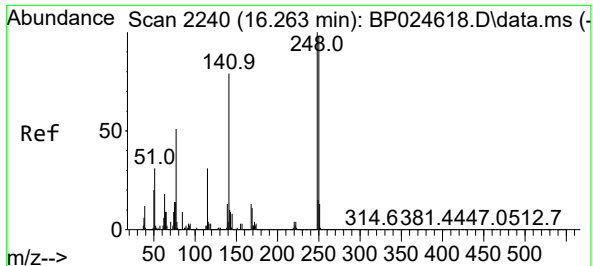
05/27/2025



#66
n-Nitrosodiphenylamine
Concen: 37.796 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

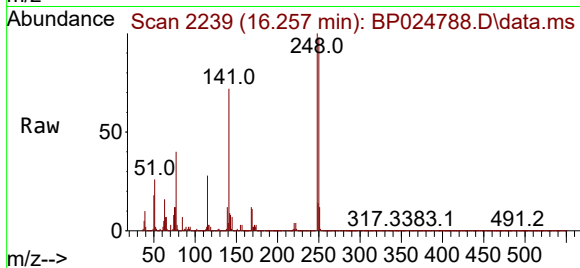
Tgt Ion:169 Resp: 530766
Ion Ratio Lower Upper
169 100
168 67.1 53.2 79.8
167 36.2 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 39.462 ng
RT: 16.257 min Scan# 212590
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

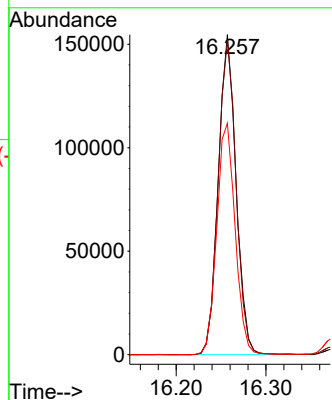
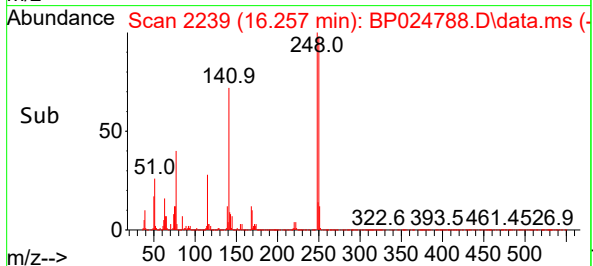
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 212590
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.4
141 72.3 63.0 94.6

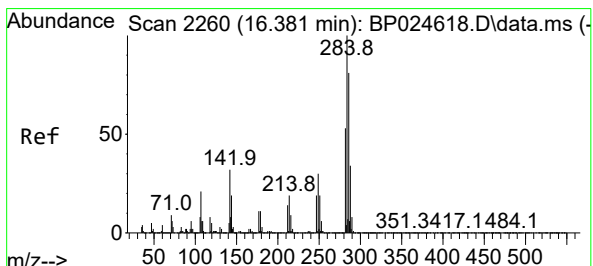
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



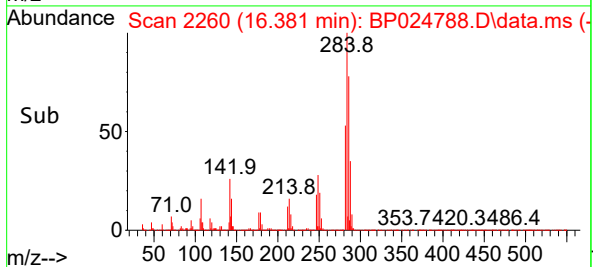
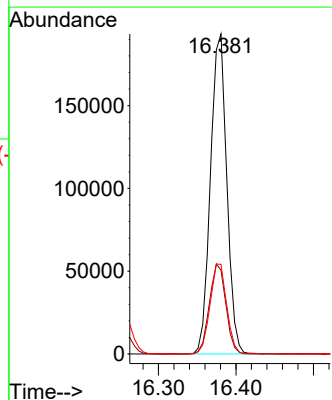
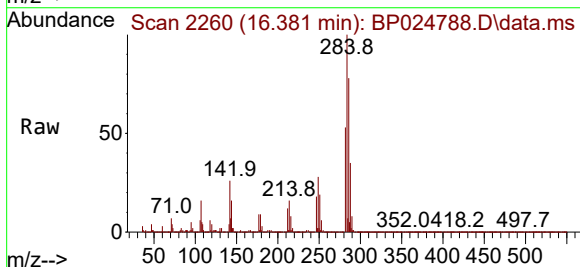
05/27/2025
Supervised By :Jagrut
Upadhyay

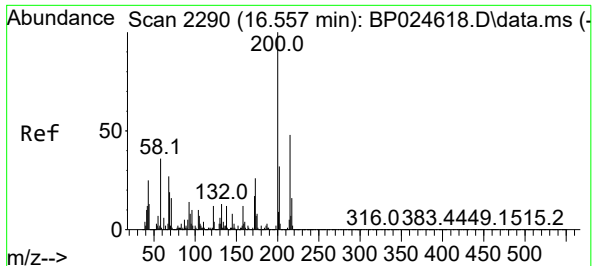
05/27/2025



#68
Hexachlorobenzene
Concen: 41.268 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

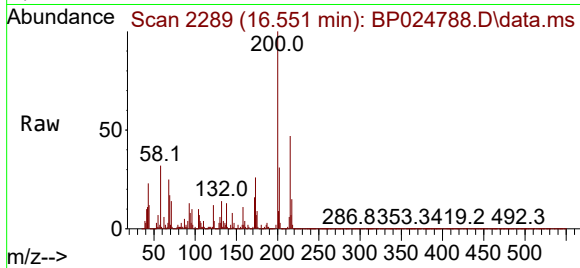
Tgt Ion:284 Resp: 282500
Ion Ratio Lower Upper
284 100
142 26.2 25.9 38.9
249 28.0 24.1 36.1





#69
Atrazine
Concen: 40.722 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

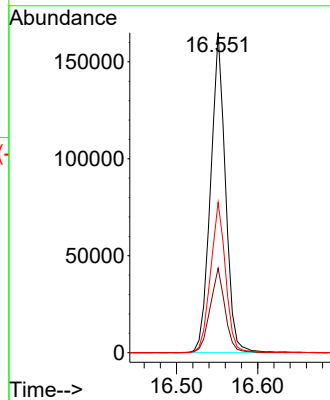
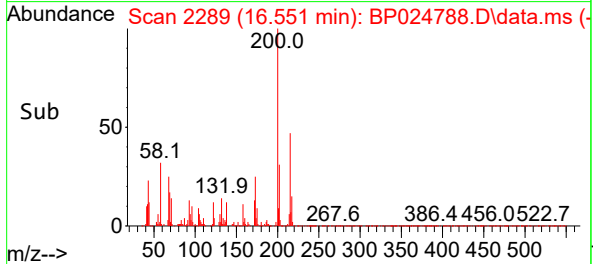
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:200 Resp: 20956
Ion Ratio Lower Upper
200 100
173 26.4 5.9 45.9
215 47.0 28.3 68.3

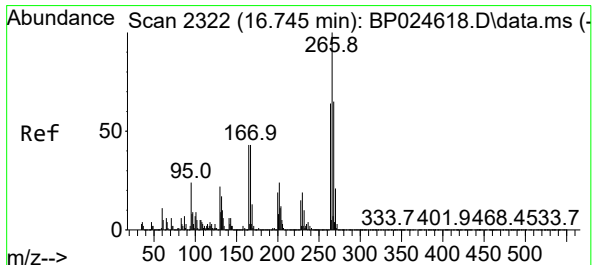
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



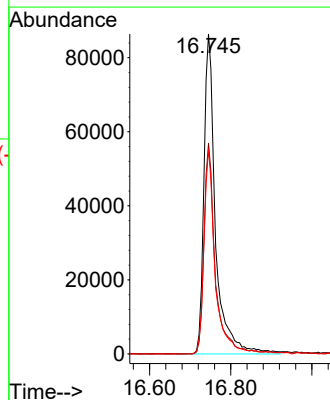
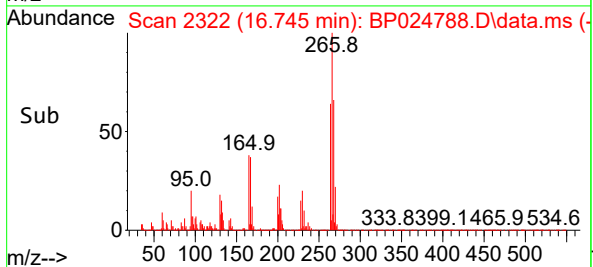
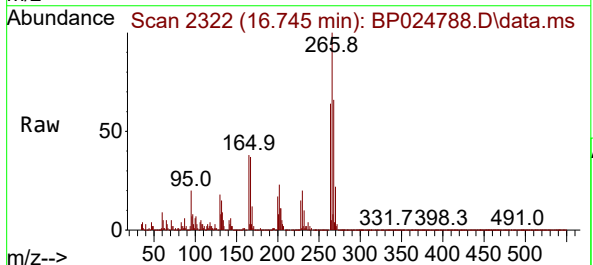
05/27/2025
Supervised By :Jagrut
Upadhyay

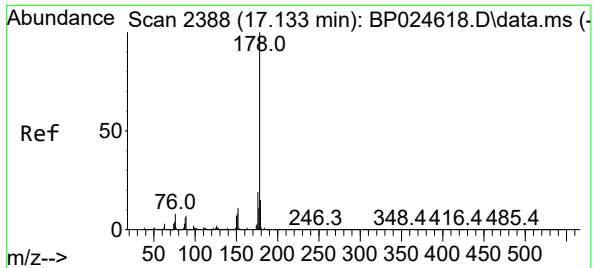
05/27/2025



#70
Pentachlorophenol
Concen: 44.710 ng
RT: 16.745 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:266 Resp: 171807
Ion Ratio Lower Upper
266 100
268 65.8 52.2 78.4
264 64.1 51.1 76.7





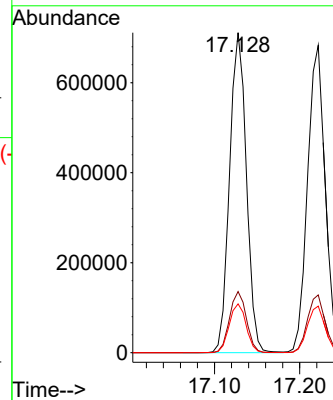
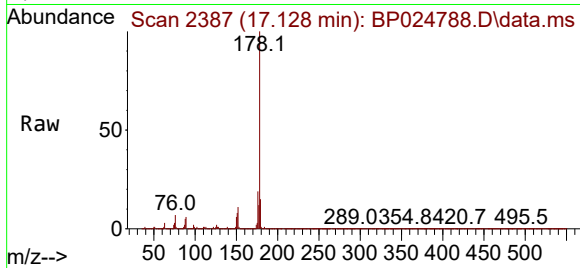
#71
Phenanthrene
Concen: 38.424 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 976579
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.2 12.2 18.4

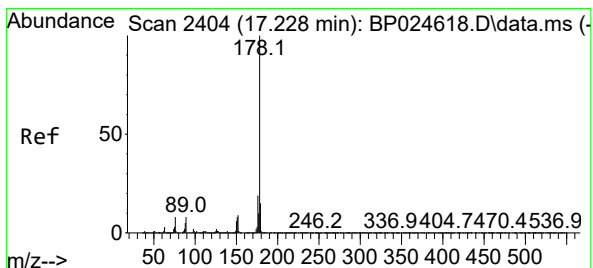
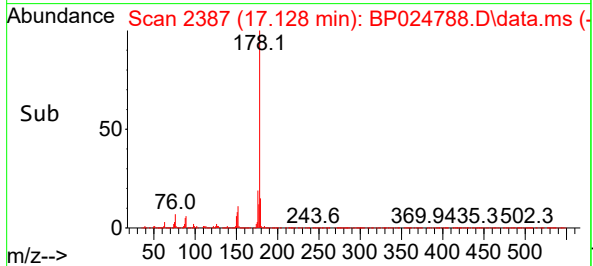
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



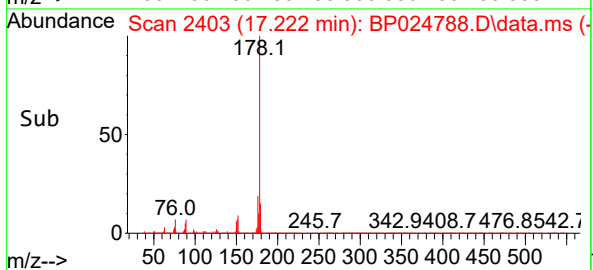
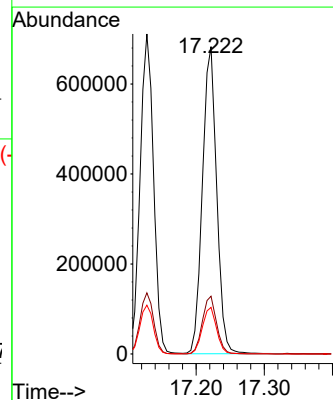
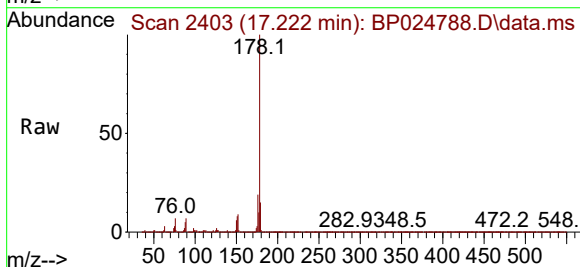
05/27/2025
Supervised By :Jagrut
Upadhyay

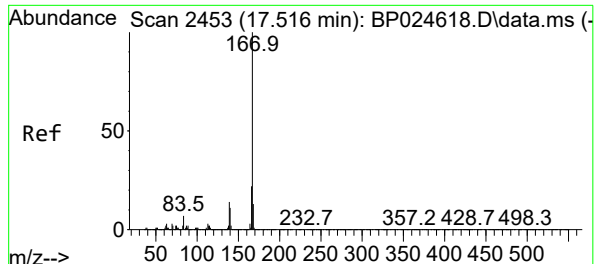
05/27/2025



#72
Anthracene
Concen: 38.674 ng
RT: 17.222 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

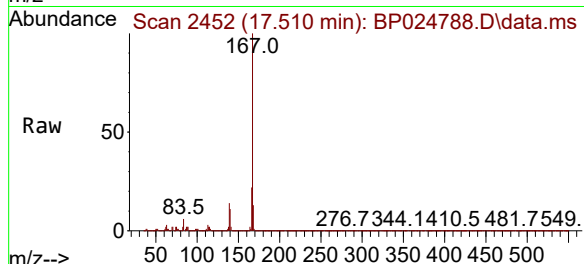
Tgt Ion:178 Resp: 988928
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.2 12.2 18.2





#73
 Carbazole
 Concen: 40.545 ng
 RT: 17.510 min Scan# 2452
 Delta R.T. -0.006 min
 Lab File: BP024788.D
 Acq: 23 May 2025 11:40

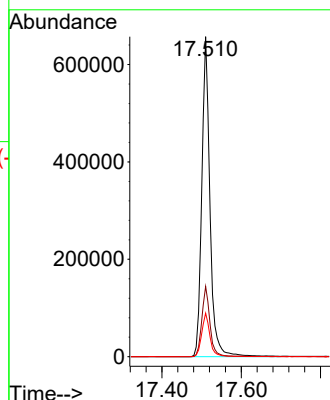
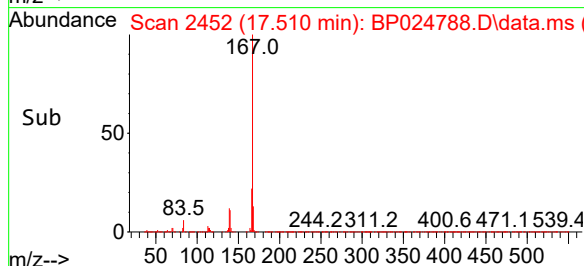
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040



Tgt Ion:167 Resp: 93838
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.6 11.3 16.9

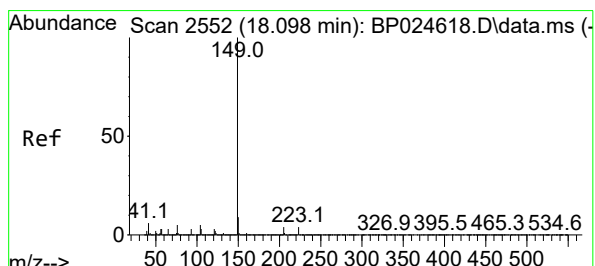
Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

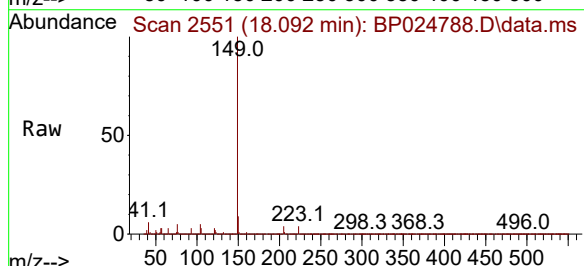


05/27/2025
 Supervised By :Jagrut
 Upadhyay

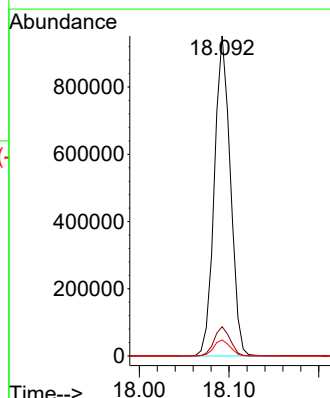
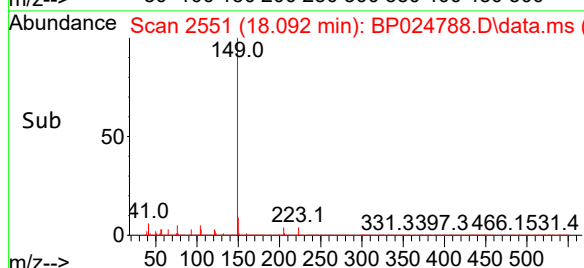
05/27/2025

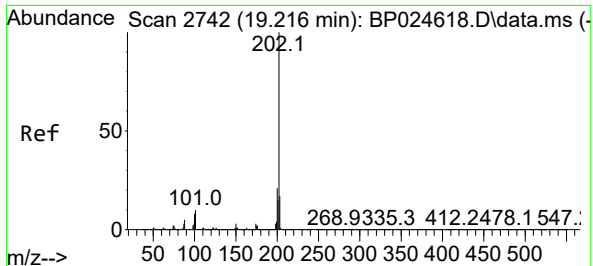


#74
 Di-n-butylphthalate
 Concen: 39.695 ng
 RT: 18.092 min Scan# 2551
 Delta R.T. -0.006 min
 Lab File: BP024788.D
 Acq: 23 May 2025 11:40



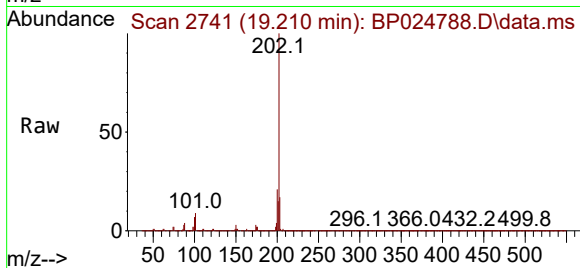
Tgt Ion:149 Resp: 1181544
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.0 4.3 6.5





#75
Fluoranthene
Concen: 40.437 ng
RT: 19.210 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

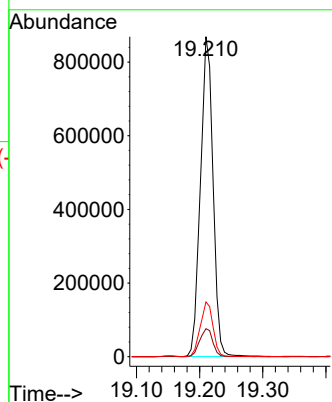
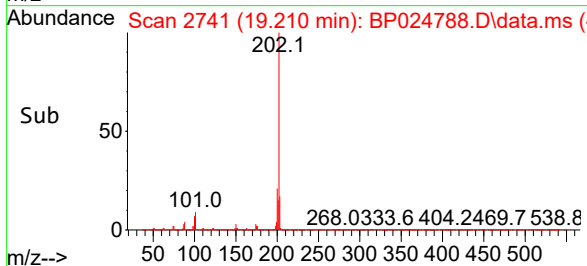
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 1201350
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.3
203 17.1 0.0 37.5

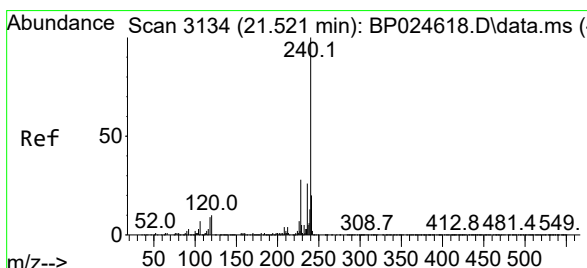
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



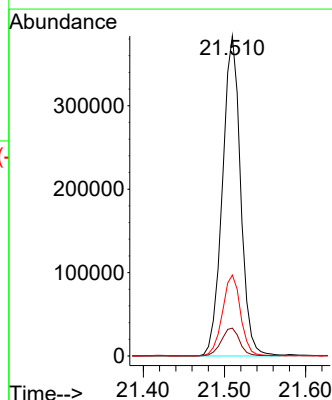
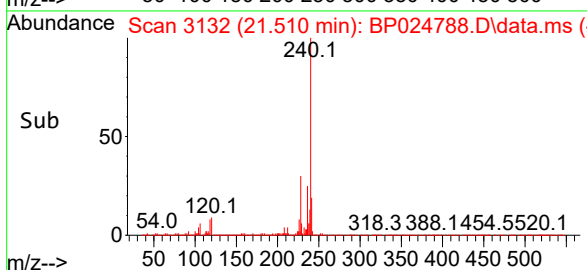
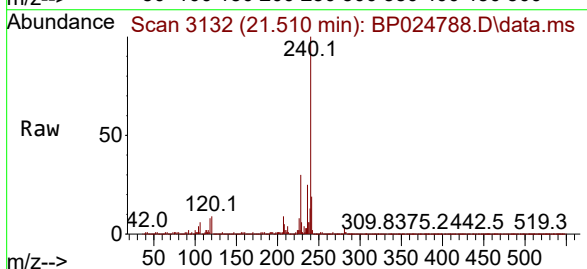
05/27/2025
Supervised By :Jagrut
Upadhyay

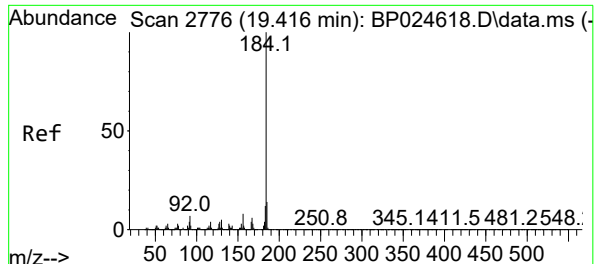
05/27/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:240 Resp: 596427
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.3 20.6 31.0





#77

Benzidine

Concen: 38.306 ng

RT: 19.416 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

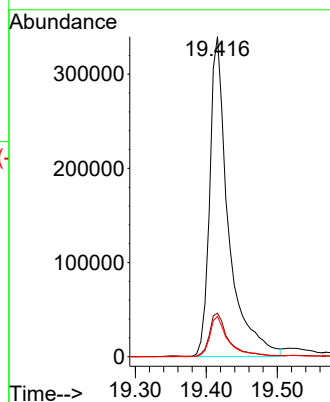
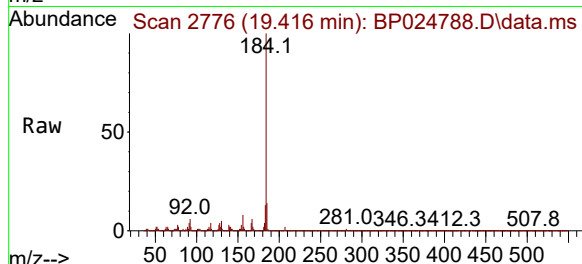
Instrument :

BNA_P

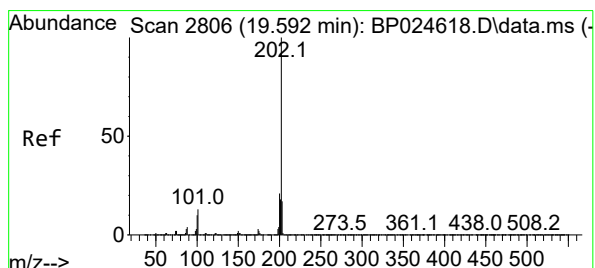
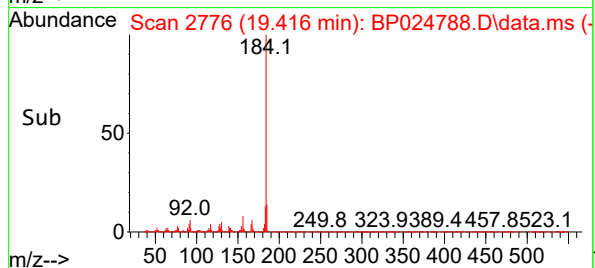
ClientSampleId :

SSTDCCC040

Tgt Ion:184	Resp: 62225
Ion Ratio	Lower Upper
184 100	
185 13.6	11.2 16.8
183 12.6	9.8 14.8

Manual Integrations
APPROVEDReviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#78

Pyrene

Concen: 35.160 ng

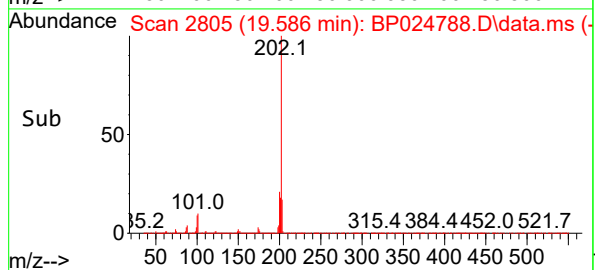
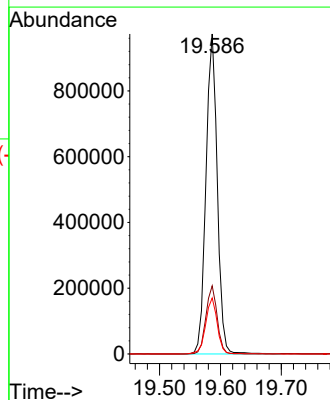
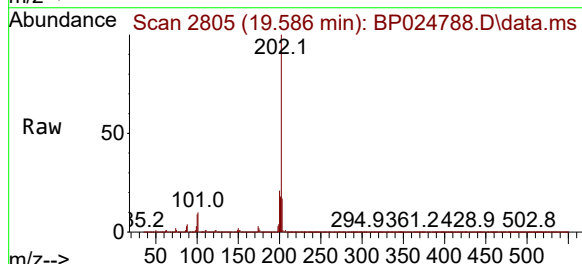
RT: 19.586 min Scan# 2805

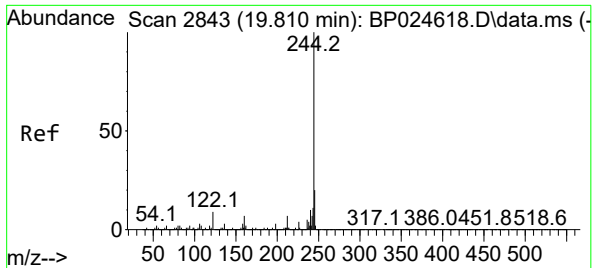
Delta R.T. -0.006 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Tgt Ion:202	Resp: 1256486
Ion Ratio	Lower Upper
202 100	
200 21.3	16.9 25.3
203 17.5	13.9 20.9





#79
Terphenyl-d14
Concen: 73.901 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :

BNA_P

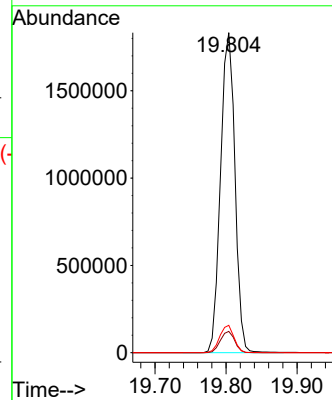
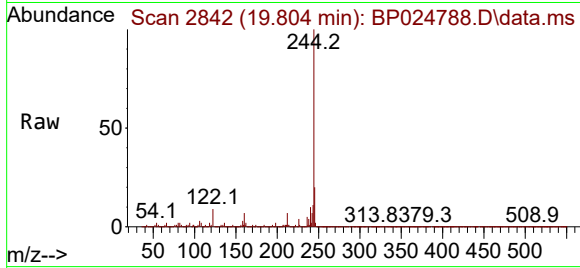
ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 257052
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 8.5 7.4 11.0

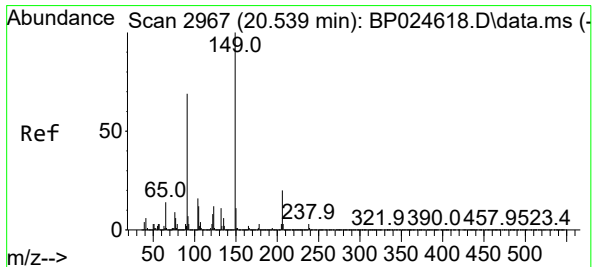
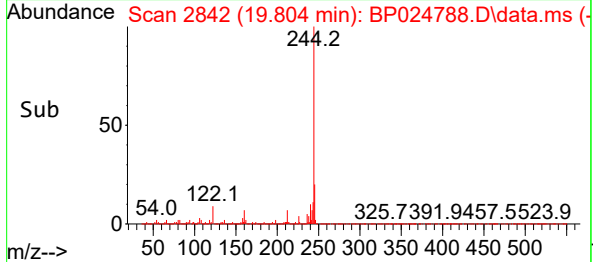
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



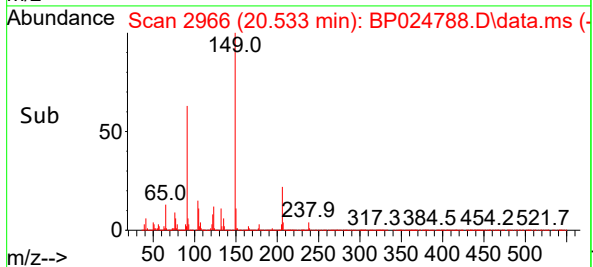
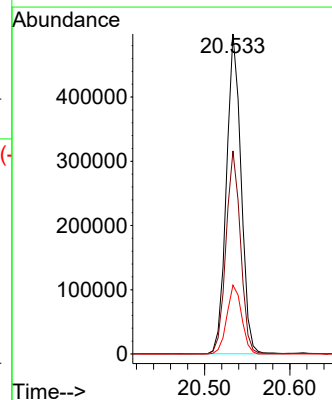
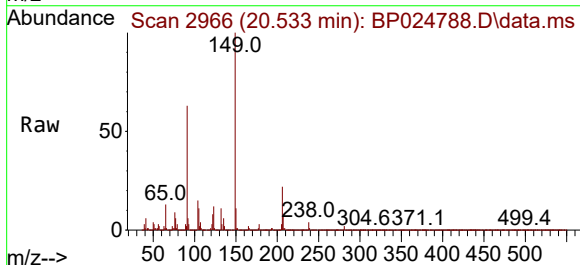
05/27/2025
Supervised By :Jagrut
Upadhyay

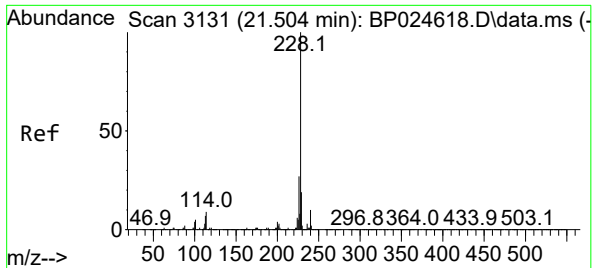
05/27/2025



#80
Butylbenzylphthalate
Concen: 37.391 ng
RT: 20.533 min Scan# 2966
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Tgt Ion:149 Resp: 594274
Ion Ratio Lower Upper
149 100
91 63.5 55.4 83.0
206 21.5 16.2 24.2





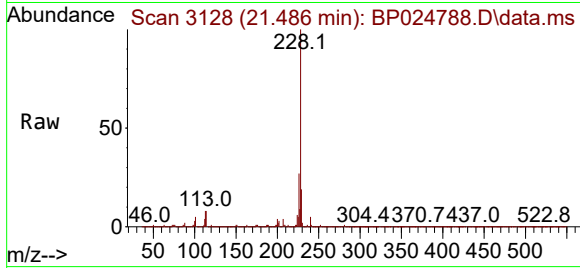
#81
Benzo(a)anthracene
Concen: 38.409 ng
RT: 21.486 min Scan# 3117
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :

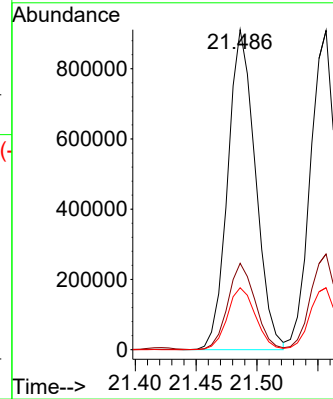
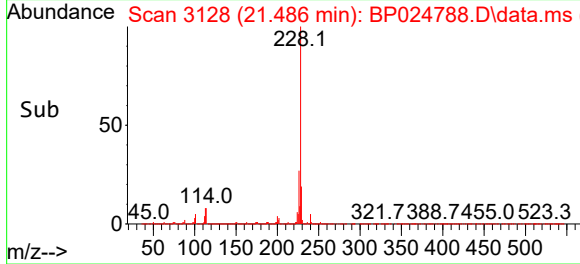
BNA_P

ClientSampleId :

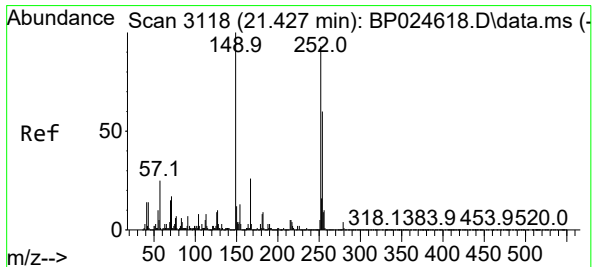
SSTDCCC040



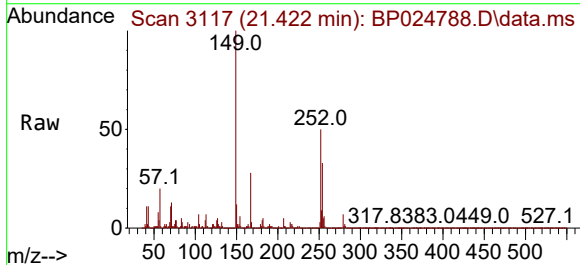
Tgt Ion:228 Resp: 1438419
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.4 15.5 23.3

Manual Integrations
APPROVEDReviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

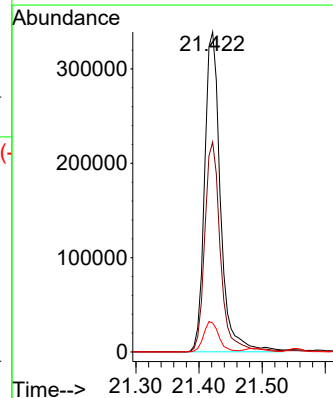
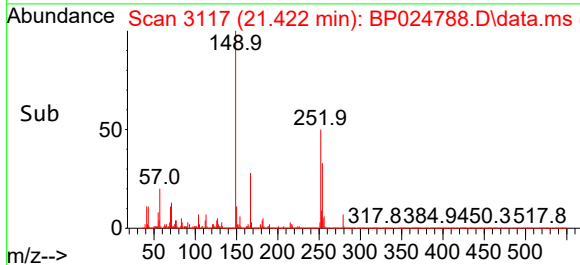
05/27/2025

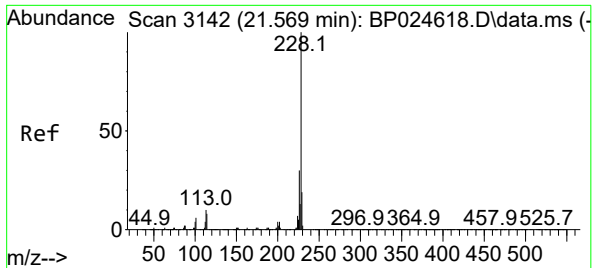


#82
3,3'-Dichlorobenzidine
Concen: 42.694 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40



Tgt Ion:252 Resp: 593871
Ion Ratio Lower Upper
252 100
254 65.6 51.8 77.6
126 9.0 7.7 11.5





#83

Chrysene

Concen: 38.121 ng

RT: 21.557 min Scan# 3117

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 135335

Ion Ratio Lower Upper

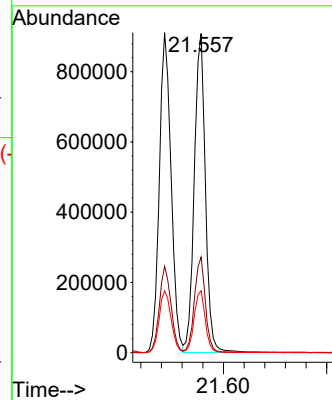
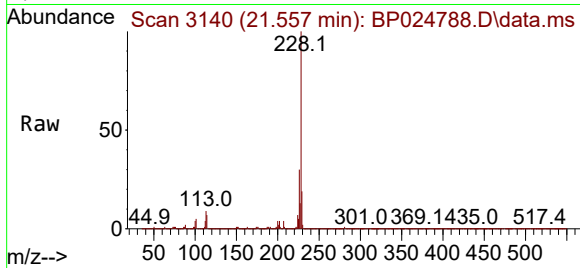
228 100

226 30.0 23.9 35.9

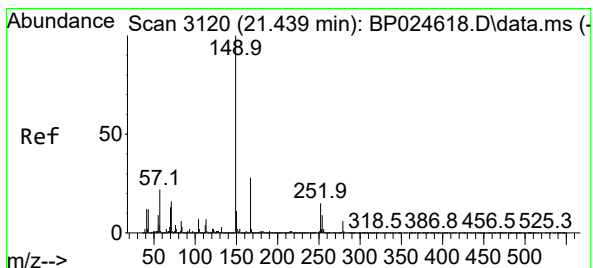
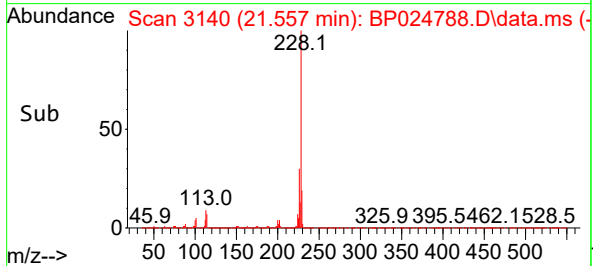
229 19.4 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.448 ng

RT: 21.422 min Scan# 3117

Delta R.T. -0.018 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

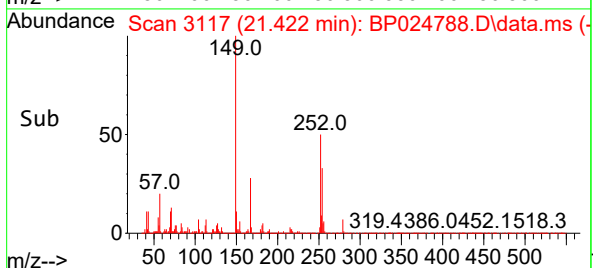
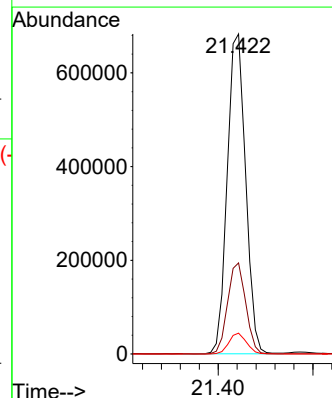
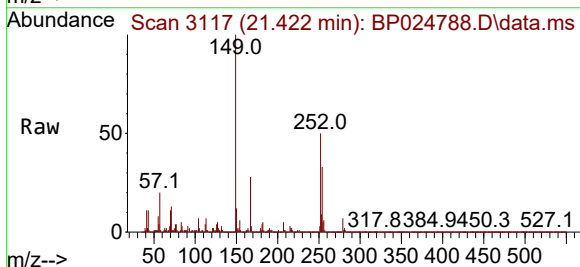
Tgt Ion:149 Resp: 921536

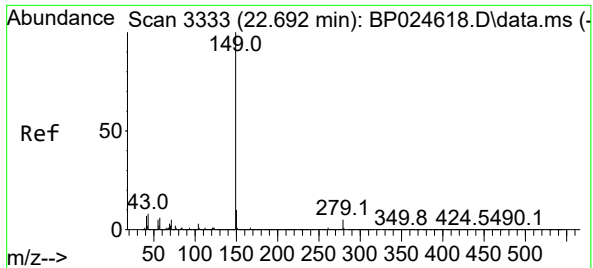
Ion Ratio Lower Upper

149 100

167 28.5 22.1 33.1

279 6.5 4.6 6.8





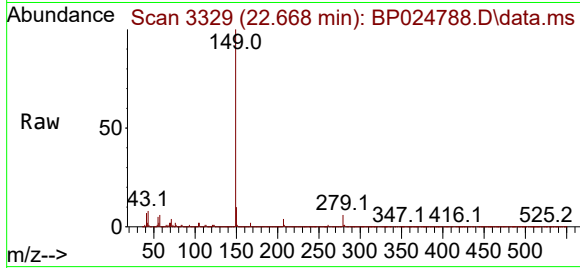
#85
Di-n-octyl phthalate
Concen: 42.221 ng
RT: 22.668 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :

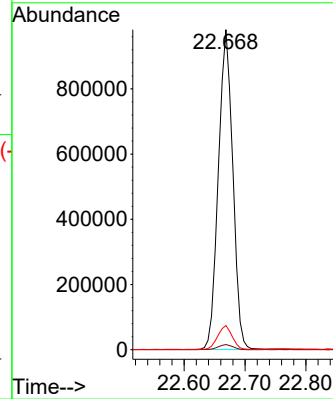
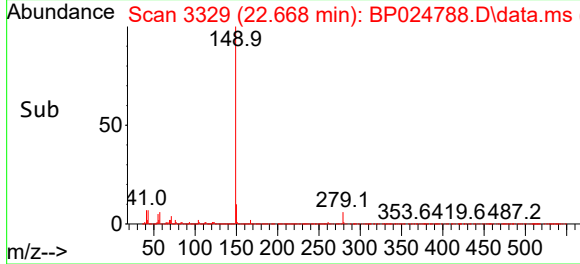
BNA_P

ClientSampleId :

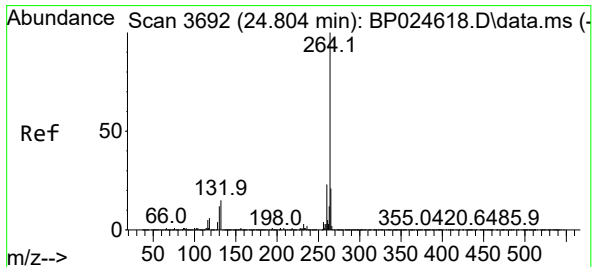
SSTDCCC040



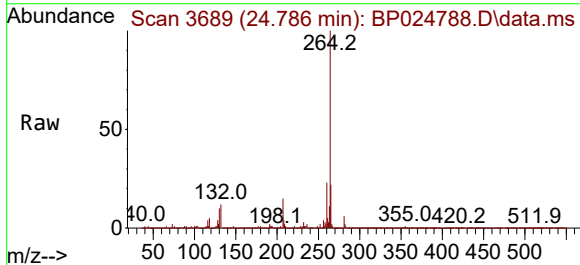
Tgt Ion:149 Resp: 1612900
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.5 6.3 9.5

Manual Integrations
APPROVEDReviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

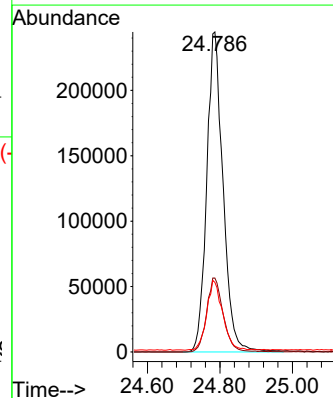
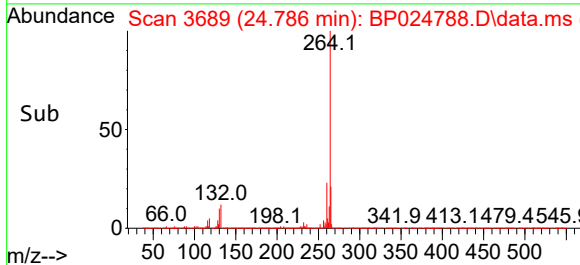
05/27/2025

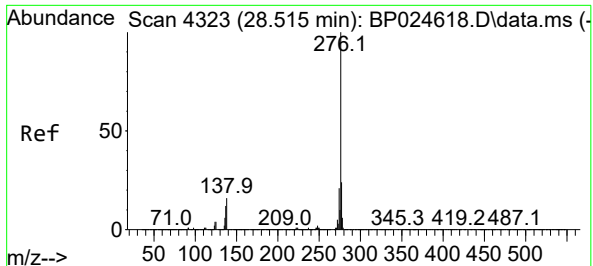


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.786 min Scan# 3689
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40



Tgt Ion:264 Resp: 763679
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.8 17.0 25.6





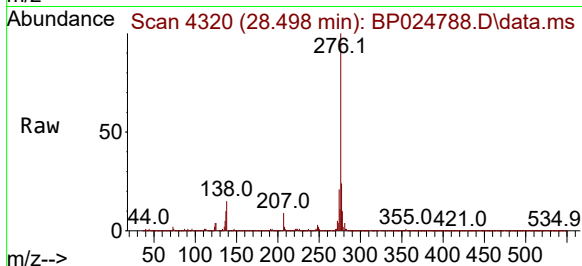
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.563 ng
RT: 28.498 min Scan# 41
Delta R.T. -0.018 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40

Instrument :

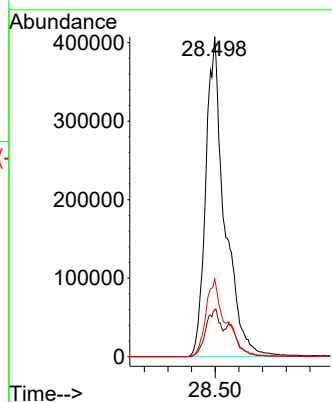
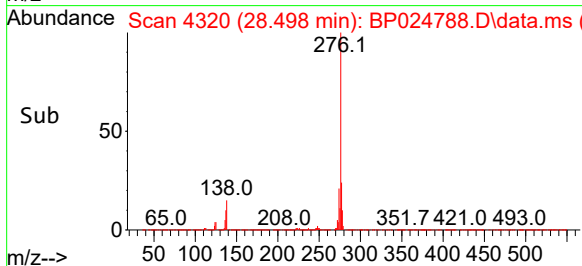
BNA_P

ClientSampleId :

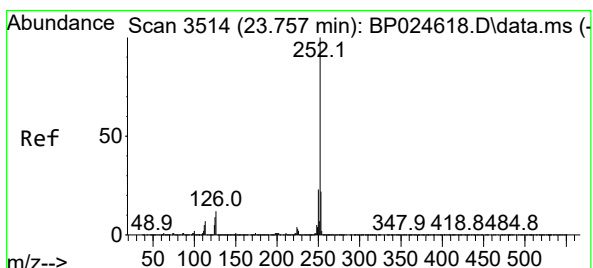
SSTDCCC040



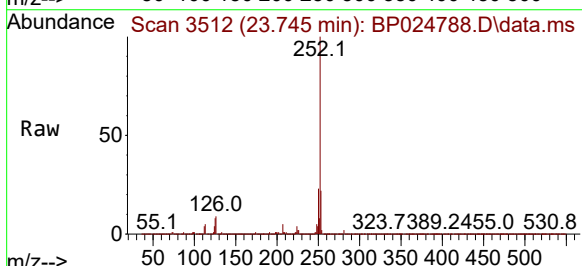
Tgt Ion:276 Resp: 226148
Ion Ratio Lower Upper
276 100
138 11.5 11.2 16.8
277 19.2 15.7 23.5

Manual Integrations
APPROVEDReviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

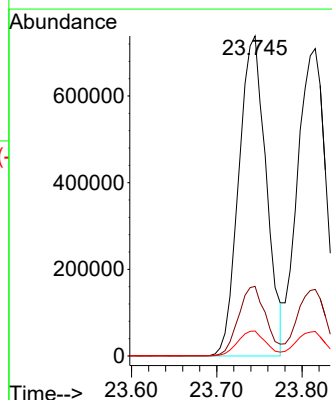
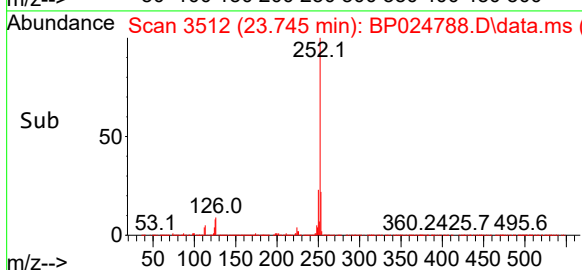
05/27/2025

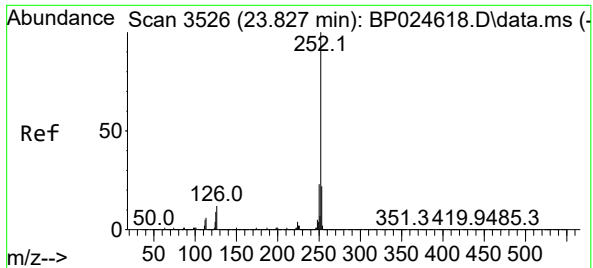


#88
Benzo(b)fluoranthene
Concen: 37.657 ng
RT: 23.745 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BP024788.D
Acq: 23 May 2025 11:40



Tgt Ion:252 Resp: 1646057
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 7.8 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 37.490 ng

RT: 23.815 min Scan# 3526

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 168863

Ion Ratio Lower Upper

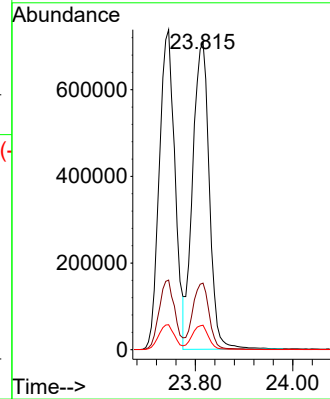
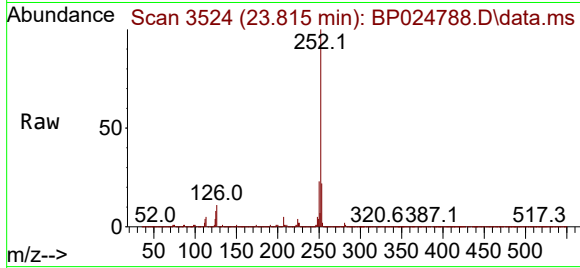
252 100

253 21.7 17.6 26.4

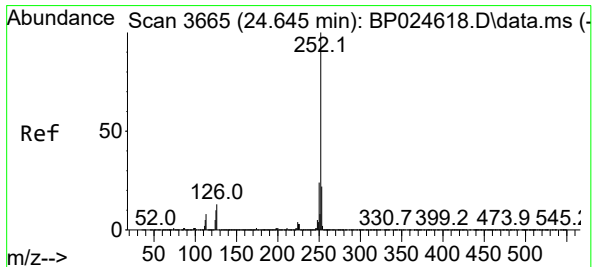
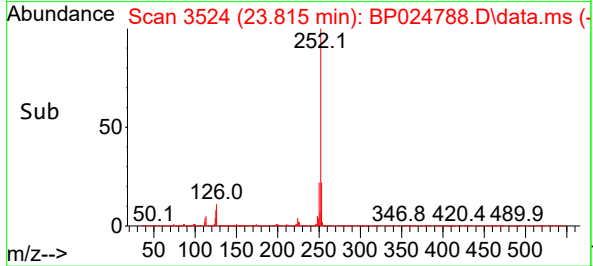
125 8.0 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#90

Benzo(a)pyrene

Concen: 38.650 ng

RT: 24.633 min Scan# 3663

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

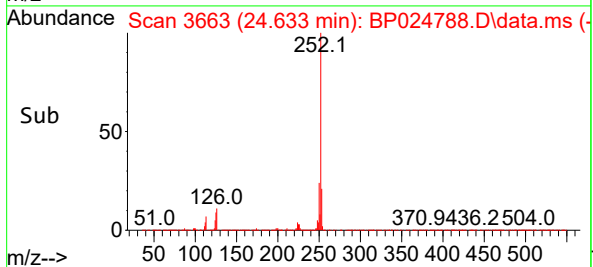
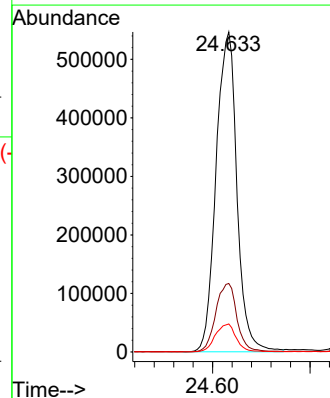
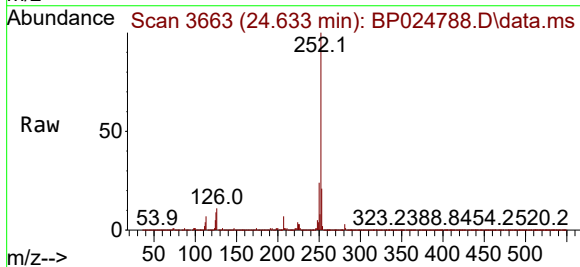
Tgt Ion:252 Resp: 1622584

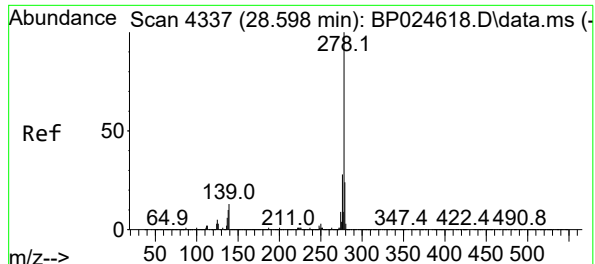
Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

125 8.7 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 40.856 ng

RT: 28.568 min Scan# 41

Delta R.T. -0.029 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 185311

Ion Ratio Lower Upper

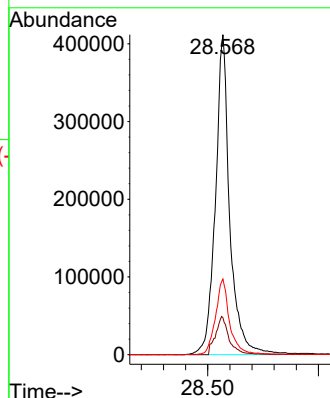
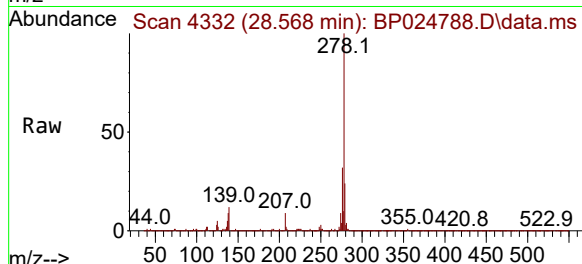
278 100

139 11.6 10.2 15.4

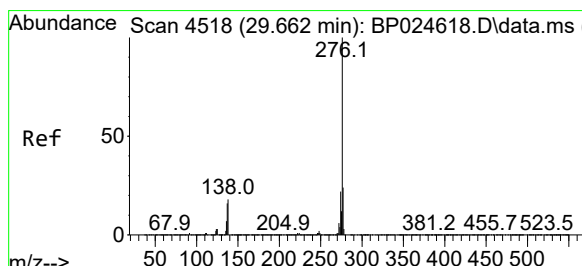
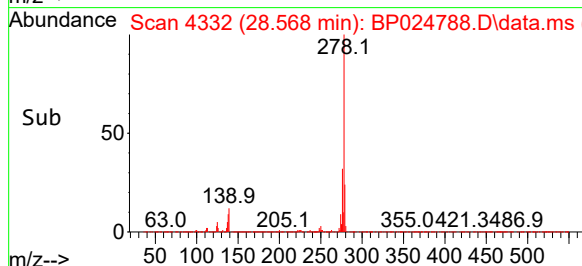
279 23.7 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli05/27/2025
Supervised By :Jagrut
Upadhyay

05/27/2025



#92

Benzo(g,h,i)perylene

Concen: 40.166 ng

RT: 29.650 min Scan# 4516

Delta R.T. -0.012 min

Lab File: BP024788.D

Acq: 23 May 2025 11:40

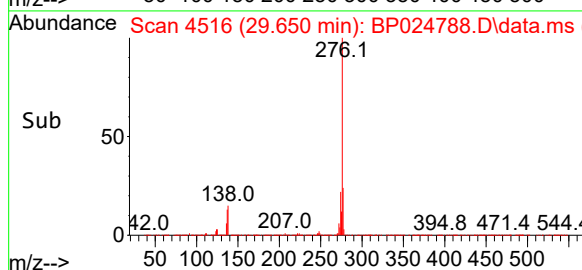
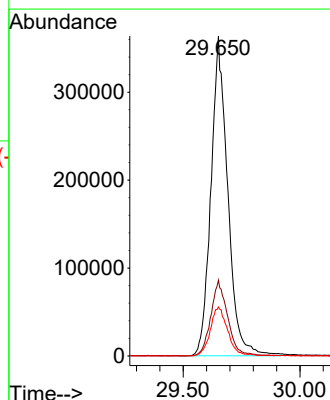
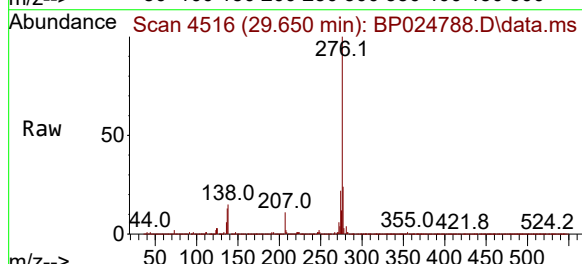
Tgt Ion:276 Resp: 1811699

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 15.3 14.4 21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024788.D
 Acq On : 23 May 2025 11:40
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 23 12:14:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 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	71	-0.02
2	1,4-Dioxane	0.549	0.475	13.5	67	0.00
3	Pyridine	1.218	1.095	10.1	65	0.00
4	n-Nitrosodimethylamine	0.538	0.514	4.5	71	0.00
5 S	2-Fluorophenol	1.169	1.153	1.4	74	0.00
6	Aniline	1.927	1.746	9.4	65	-0.01
7 S	Phenol-d6	1.492	1.391	6.8	67	0.00
8	2-Chlorophenol	1.327	1.285	3.2	70	-0.01
9	Benzaldehyde	0.966	0.824	14.7	61	-0.01
10 C	Phenol	1.540	1.406	8.7	66	0.00
11	bis(2-Chloroethyl)ether	1.266	1.041	17.8	61	-0.02
12	1,3-Dichlorobenzene	1.527	1.435	6.0	71	-0.01
13 C	1,4-Dichlorobenzene	1.536	1.456	5.2	70	-0.01
14	1,2-Dichlorobenzene	1.497	1.401	6.4	70	-0.02
15	Benzyl Alcohol	1.134	1.024	9.7	63	-0.01
16	2,2'-oxybis(1-Chloropropane	1.516	1.205	20.5	58	-0.02
17	2-Methylphenol	1.105	1.020	7.7	66	0.00
18	Hexachloroethane	0.589	0.524	11.0	68	-0.02
19 P	n-Nitroso-di-n-propylamine	1.032	0.869	15.8	59	-0.01
20	3+4-Methylphenols	1.503	1.386	7.8	65	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	65	-0.02
22	Acetophenone	0.500	0.471	5.8	63	-0.01
23 S	Nitrobenzene-d5	0.396	0.363	8.3	61	-0.01
24	Nitrobenzene	0.348	0.310	10.9	59	-0.01
25	Isophorone	0.687	0.597	13.1	57	-0.01
26 C	2-Nitrophenol	0.171	0.181	-5.8	68	-0.02
27	2,4-Dimethylphenol	0.301	0.294	2.3	64	-0.01
28	bis(2-Chloroethoxy)methane	0.410	0.346	15.6	56	-0.02
29 C	2,4-Dichlorophenol	0.292	0.295	-1.0	65	0.00
30	1,2,4-Trichlorobenzene	0.329	0.326	0.9	69	-0.02
31	Naphthalene	1.036	1.000	3.5	66	-0.02
32	Benzoic acid	0.181	0.176	2.8	59	0.00
33	4-Chloroaniline	0.418	0.412	1.4	64	-0.01
34 C	Hexachlorobutadiene	0.213	0.212	0.5	69	-0.02
35	Caprolactam	0.106	0.104	1.9	61	0.00
36 C	4-Chloro-3-methylphenol	0.356	0.335	5.9	61	0.00
37	2-Methylnaphthalene	0.671	0.635	5.4	64	-0.01
38	1-Methylnaphthalene	0.718	0.677	5.7	63	-0.01
39 I	Acenaphthene-d10	1.000	1.000	0.0	62	-0.02
40	1,2,4,5-Tetrachlorobenzene	0.581	0.582	-0.2	65	-0.02
41 P	Hexachlorocyclopentadiene	0.352	0.461	-31.0#	80	-0.02
42 S	2,4,6-Tribromophenol	0.339	0.384	-13.3	73	0.00
43 C	2,4,6-Trichlorophenol	0.376	0.389	-3.5	65	-0.01
44	2,4,5-Trichlorophenol	0.419	0.410	2.1	62	0.00
45 S	2-Fluorobiphenyl	1.527	1.497	2.0	64	-0.01
46	1,1'-Biphenyl	1.478	1.419	4.0	63	-0.02
47	2-Chloronaphthalene	1.127	1.115	1.1	65	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024788.D
 Acq On : 23 May 2025 11:40
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 23 12:14:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 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	0.334	0.309	7.5	57	-0.02
49	Acenaphthylene	1.886	1.849	2.0	63	-0.02
50	Dimethylphthalate	1.524	1.471	3.5	63	-0.02
51	2,6-Dinitrotoluene	0.322	0.319	0.9	63	-0.02
52 C	Acenaphthene	1.084	1.026	5.4	62	-0.02
53	3-Nitroaniline	0.329	0.324	1.5	59	0.00
54 P	2,4-Dinitrophenol	0.169	0.167	1.2	60	0.00
55	Dibenzofuran	1.730	1.667	3.6	63	-0.01
56 P	4-Nitrophenol	0.250	0.319	-27.6#	77	0.02
57	2,4-Dinitrotoluene	0.454	0.463	-2.0	63	-0.01
58	Fluorene	1.410	1.371	2.8	63	0.00
59	2,3,4,6-Tetrachlorophenol	0.388	0.396	-2.1	64	0.00
60	Diethylphthalate	1.541	1.463	5.1	63	-0.01
61	4-Chlorophenyl-phenylether	0.703	0.684	2.7	64	-0.02
62	4-Nitroaniline	0.317	0.348	-9.8	65	0.00
63	Azobenzene	1.318	1.136	13.8	56	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	64	-0.01
65	4,6-Dinitro-2-methylphenol	0.129	0.130	-0.8	64	0.00
66 c	n-Nitrosodiphenylamine	0.614	0.580	5.5	62	-0.01
67	4-Bromophenyl-phenylether	0.236	0.232	1.7	66	0.00
68	Hexachlorobenzene	0.299	0.309	-3.3	70	0.00
69	Atrazine	0.225	0.229	-1.8	67	0.00
70 C	Pentachlorophenol	0.168	0.188	-11.9	70	0.00
71	Phenanthrene	1.112	1.068	4.0	65	0.00
72	Anthracene	1.119	1.082	3.3	64	0.00
73	Carbazole	1.012	1.026	-1.4	65	0.00
74	Di-n-butylphthalate	1.302	1.292	0.8	65	0.00
75 C	Fluoranthene	1.300	1.314	-1.1	67	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	74	-0.01
77	Benzidine	0.545	0.522	4.2	69	0.00
78	Pyrene	1.198	1.053	12.1	67	0.00
79 S	Terphenyl-d14	1.166	1.077	7.6	70	0.00
80	Butylbenzylphthalate	0.533	0.498	6.6	70	0.00
81	Benzo(a)anthracene	1.256	1.206	4.0	73	-0.02
82	3,3'-Dichlorobenzidine	0.466	0.498	-6.9	77	0.00
83	Chrysene	1.190	1.135	4.6	74	-0.01
84	Bis(2-ethylhexyl)phthalate	0.783	0.773	1.3	74	-0.02
85 c	Di-n-octyl phthalate	1.281	1.352	-5.5	78	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	82	-0.02
87	Indeno(1,2,3-cd)pyrene	1.460	1.481	-1.4	85	-0.02
88	Benzo(b)fluoranthene	1.145	1.078	5.9	80	-0.01
89	Benzo(k)fluoranthene	1.180	1.106	6.3	80	-0.01
90 C	Benzo(a)pyrene	1.099	1.062	3.4	82	-0.01
91	Dibenzo(a,h)anthracene	1.188	1.213	-2.1	85	-0.03
92	Benzo(g,h,i)perylene	1.181	1.186	-0.4	85	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024788.D
Acq On : 23 May 2025 11:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 23 12:14:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024788.D
 Acq On : 23 May 2025 11:40
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 23 12:14:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 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	71	-0.02
2	1,4-Dioxane	40.000	34.617	13.5	67	0.00
3	Pyridine	40.000	35.974	10.1	65	0.00
4	n-Nitrosodimethylamine	40.000	38.246	4.4	71	0.00
5 S	2-Fluorophenol	80.000	78.867	1.4	74	0.00
6	Aniline	40.000	36.237	9.4	65	-0.01
7 S	Phenol-d6	80.000	74.573	6.8	67	0.00
8	2-Chlorophenol	40.000	38.722	3.2	70	-0.01
9	Benzaldehyde	40.000	34.132	14.7	61	-0.01
10 C	Phenol	40.000	36.507	8.7	66	0.00
11	bis(2-Chloroethyl)ether	40.000	32.883	17.8	61	-0.02
12	1,3-Dichlorobenzene	40.000	37.589	6.0	71	-0.01
13 C	1,4-Dichlorobenzene	40.000	37.917	5.2	70	-0.01
14	1,2-Dichlorobenzene	40.000	37.434	6.4	70	-0.02
15	Benzyl Alcohol	40.000	36.134	9.7	63	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	31.804	20.5	58	-0.02
17	2-Methylphenol	40.000	36.924	7.7	66	0.00
18	Hexachloroethane	40.000	35.628	10.9	68	-0.02
19 P	n-Nitroso-di-n-propylamine	40.000	33.678	15.8	59	-0.01
20	3+4-Methylphenols	40.000	36.896	7.8	65	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	65	-0.02
22	Acetophenone	40.000	37.699	5.8	63	-0.01
23 S	Nitrobenzene-d5	80.000	73.350	8.3	61	-0.01
24	Nitrobenzene	40.000	35.545	11.1	59	-0.01
25	Isophorone	40.000	34.769	13.1	57	-0.01
26 C	2-Nitrophenol	40.000	42.384	-6.0	68	-0.02
27	2,4-Dimethylphenol	40.000	39.115	2.2	64	-0.01
28	bis(2-Chloroethoxy)methane	40.000	33.693	15.8	56	-0.02
29 C	2,4-Dichlorophenol	40.000	40.513	-1.3	65	0.00
30	1,2,4-Trichlorobenzene	40.000	39.636	0.9	69	-0.02
31	Naphthalene	40.000	38.612	3.5	66	-0.02
32	Benzoic acid	40.000	35.863	10.3	59	0.00
33	4-Chloroaniline	40.000	39.447	1.4	64	-0.01
34 C	Hexachlorobutadiene	40.000	39.777	0.6	69	-0.02
35	Caprolactam	40.000	39.418	1.5	61	0.00
36 C	4-Chloro-3-methylphenol	40.000	37.662	5.8	61	0.00
37	2-Methylnaphthalene	40.000	37.844	5.4	64	-0.01
38	1-Methylnaphthalene	40.000	37.693	5.8	63	-0.01
39 I	Acenaphthene-d10	20.000	20.000	0.0	62	-0.02
40	1,2,4,5-Tetrachlorobenzene	40.000	40.090	-0.2	65	-0.02
41 P	Hexachlorocyclopentadiene	40.000	52.383	-31.0#	80	-0.02
42 S	2,4,6-Tribromophenol	80.000	90.543	-13.2	73	0.00
43 C	2,4,6-Trichlorophenol	40.000	41.312	-3.3	65	-0.01
44	2,4,5-Trichlorophenol	40.000	39.137	2.2	62	0.00
45 S	2-Fluorobiphenyl	80.000	78.425	2.0	64	-0.01
46	1,1'-Biphenyl	40.000	38.408	4.0	63	-0.02
47	2-Chloronaphthalene	40.000	39.580	1.1	65	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024788.D
 Acq On : 23 May 2025 11:40
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: May 23 12:14:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 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	37.032	7.4	57	-0.02
49	Acenaphthylene	40.000	39.218	2.0	63	-0.02
50	Dimethylphthalate	40.000	38.588	3.5	63	-0.02
51	2,6-Dinitrotoluene	40.000	39.670	0.8	63	-0.02
52 C	Acenaphthene	40.000	37.863	5.3	62	-0.02
53	3-Nitroaniline	40.000	39.463	1.3	59	0.00
54 P	2,4-Dinitrophenol	40.000	36.684	8.3	60	0.00
55	Dibenzofuran	40.000	38.561	3.6	63	-0.01
56 P	4-Nitrophenol	40.000	46.665	-16.7	77	0.02
57	2,4-Dinitrotoluene	40.000	40.790	-2.0	63	-0.01
58	Fluorene	40.000	38.894	2.8	63	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.732	-1.8	64	0.00
60	Diethylphthalate	40.000	37.991	5.0	63	-0.01
61	4-Chlorophenyl-phenylether	40.000	38.894	2.8	64	-0.02
62	4-Nitroaniline	40.000	43.848	-9.6	65	0.00
63	Azobenzene	40.000	34.460	13.8	56	-0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	64	-0.01
65	4,6-Dinitro-2-methylphenol	40.000	40.201	-0.5	64	0.00
66 c	n-Nitrosodiphenylamine	40.000	37.796	5.5	62	-0.01
67	4-Bromophenyl-phenylether	40.000	39.462	1.3	66	0.00
68	Hexachlorobenzene	40.000	41.268	-3.2	70	0.00
69	Atrazine	40.000	40.722	-1.8	67	0.00
70 C	Pentachlorophenol	40.000	44.710	-11.8	70	0.00
71	Phenanthrene	40.000	38.424	3.9	65	0.00
72	Anthracene	40.000	38.674	3.3	64	0.00
73	Carbazole	40.000	40.545	-1.4	65	0.00
74	Di-n-butylphthalate	40.000	39.695	0.8	65	0.00
75 C	Fluoranthene	40.000	40.437	-1.1	67	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	74	-0.01
77	Benzydine	40.000	38.306	4.2	69	0.00
78	Pyrene	40.000	35.160	12.1	67	0.00
79 S	Terphenyl-d14	80.000	73.901	7.6	70	0.00
80	Butylbenzylphthalate	40.000	37.391	6.5	70	0.00
81	Benzo(a)anthracene	40.000	38.409	4.0	73	-0.02
82	3,3'-Dichlorobenzidine	40.000	42.694	-6.7	77	0.00
83	Chrysene	40.000	38.121	4.7	74	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	39.448	1.4	74	-0.02
85 c	Di-n-octyl phthalate	40.000	42.221	-5.6	78	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	82	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	40.563	-1.4	85	-0.02
88	Benzo(b)fluoranthene	40.000	37.657	5.9	80	-0.01
89	Benzo(k)fluoranthene	40.000	37.490	6.3	80	-0.01
90 C	Benzo(a)pyrene	40.000	38.650	3.4	82	-0.01
91	Dibenzo(a,h)anthracene	40.000	40.856	-2.1	85	-0.03
92	Benzo(g,h,i)perylene	40.000	40.166	-0.4	85	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024788.D
Acq On : 23 May 2025 11:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 23 12:14:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
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 = 0



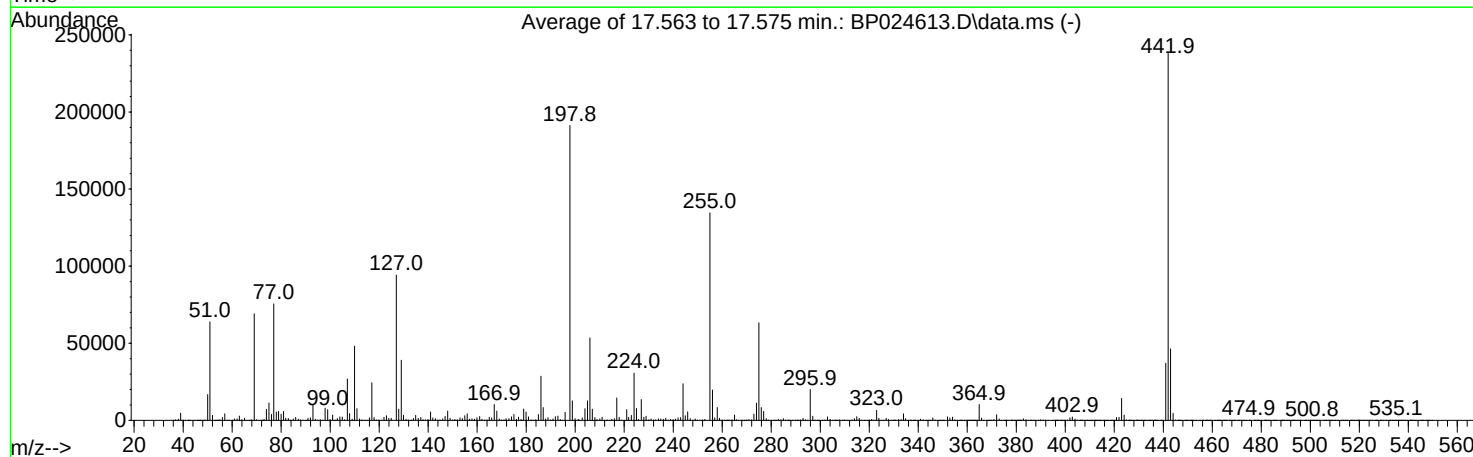
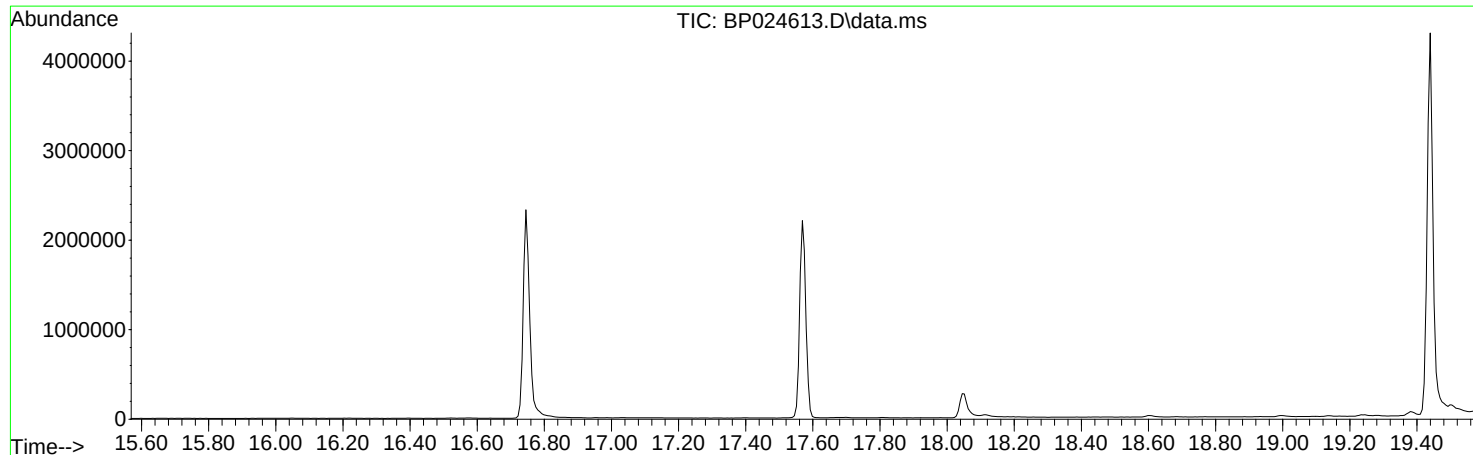
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024613.D
Acq On : 13 May 2025 10:00
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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 13 16:21:39 2025



AutoFind: Scans 2461, 2462, 2463; Background Corrected with Scan 2449

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	33.5	63968	PASS
68	69	0.00	2	0.6	438	PASS
69	198	0.00	100	36.2	69152	PASS
70	69	0.00	2	0.6	419	PASS
127	198	10	80	49.3	94192	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	191223	PASS
199	198	5	9	6.6	12661	PASS
275	198	10	60	33.1	63293	PASS
365	198	1	100	5.4	10286	PASS
441	198	0.01	100	19.4	37080	PASS
442	442	100	100	100.0	238569	PASS
443	442	15	24	19.4	46397	PASS

DDT Breakdown

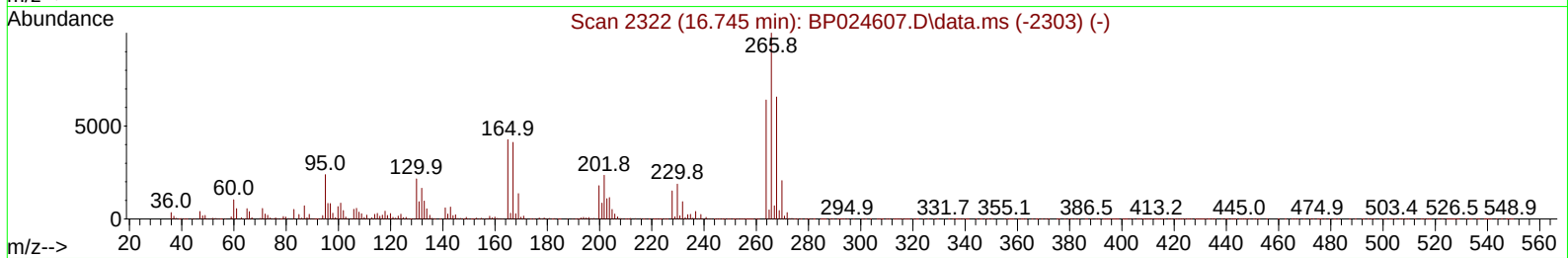
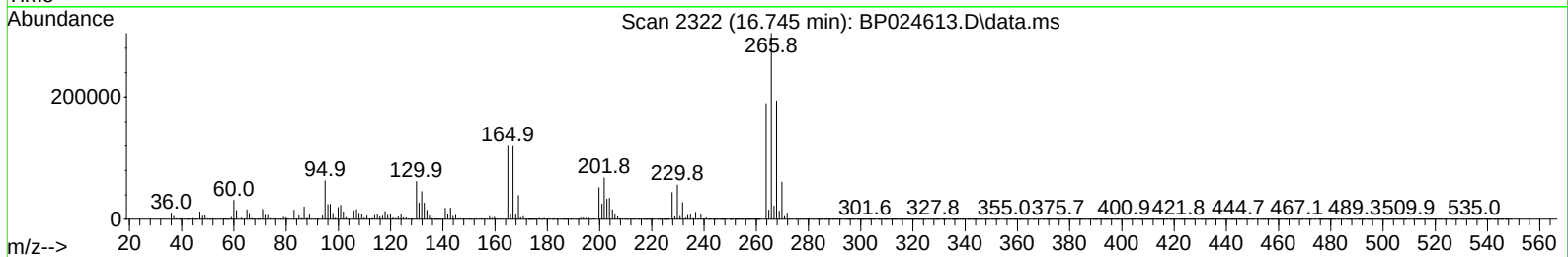
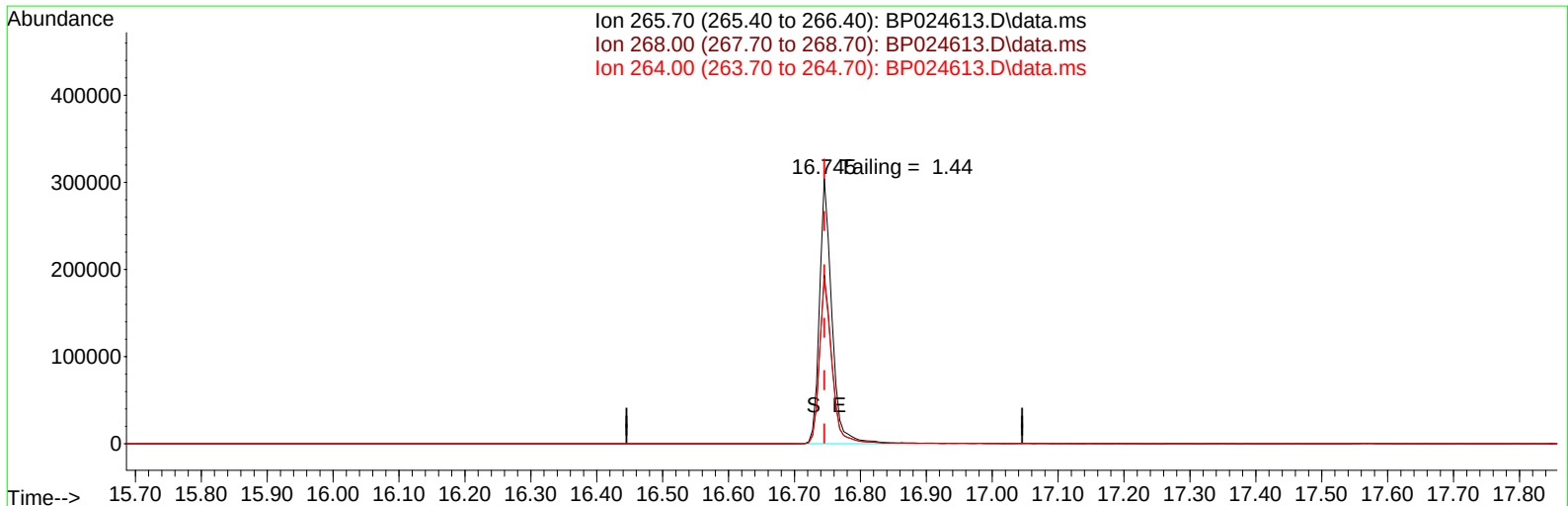
Date	Instrument Name	DFTPP Data File
5/13/2025	BNA_P	<u>BP024613.D</u>
Compound Name	Response	Retention Time
DDT	750509	20.716
DDD	13774	20.269
DDE	1248	19.733
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
15022	765531	1.96

Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024613.D
Acq On : 13 May 2025 10:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 13 12:28:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 12:28:24 2025
Response via : Initial Calibration



TIC: BP024613.D\data.ms

(70) Pentachlorophenol (C)

16.745min (-0.000) 42670.46 ng

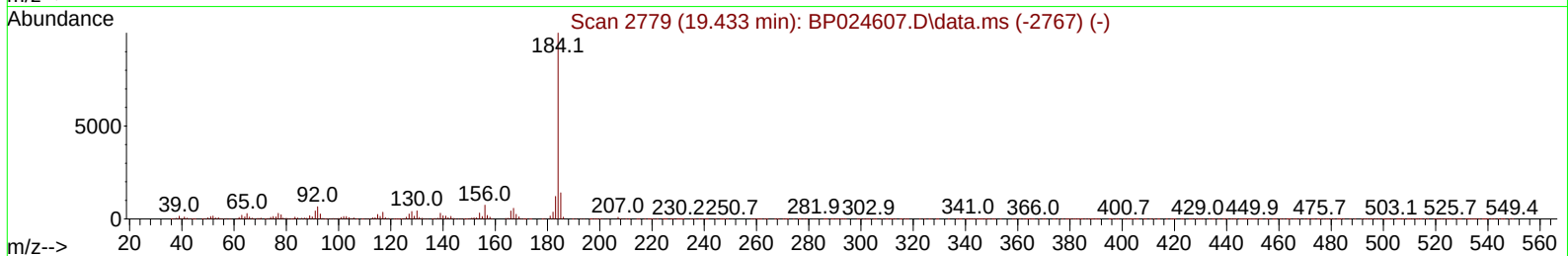
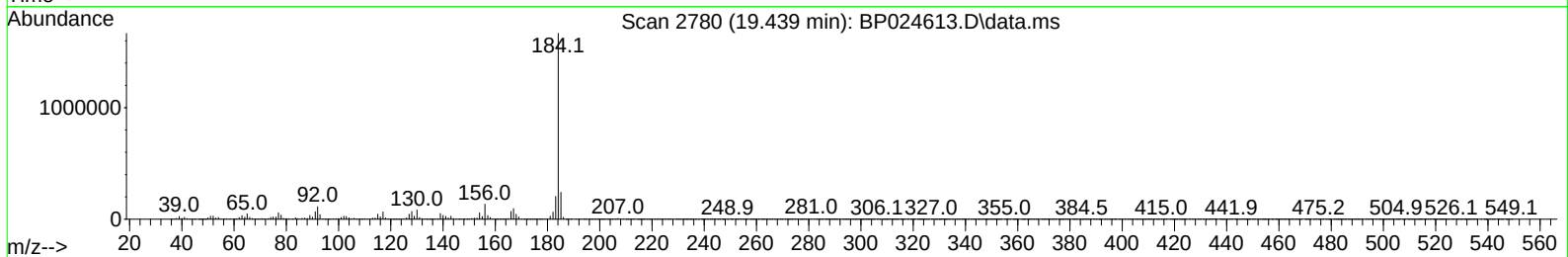
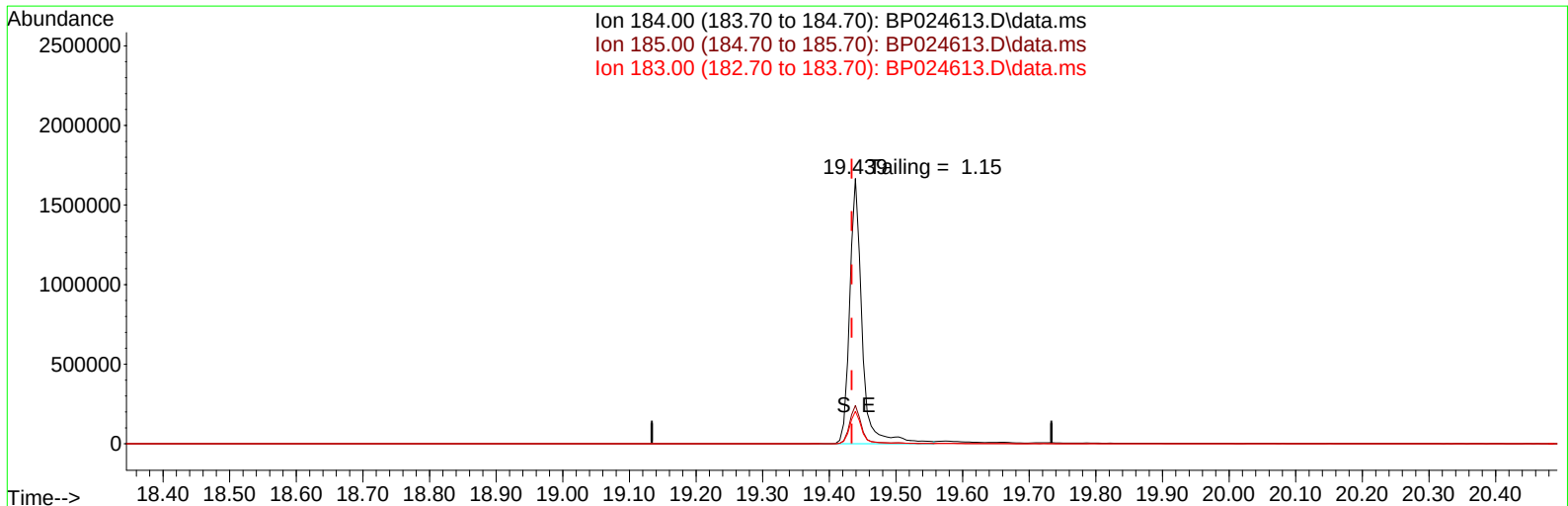
response 398426

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.60	63.59
264.00	64.00	62.12
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024613.D
Acq On : 13 May 2025 10:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 13 12:28:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 12:28:24 2025
Response via : Initial Calibration



TIC: BP024613.D\data.ms

(77) Benzidine

19.439min (+ 0.006) 5637.89 ng

response 2074486

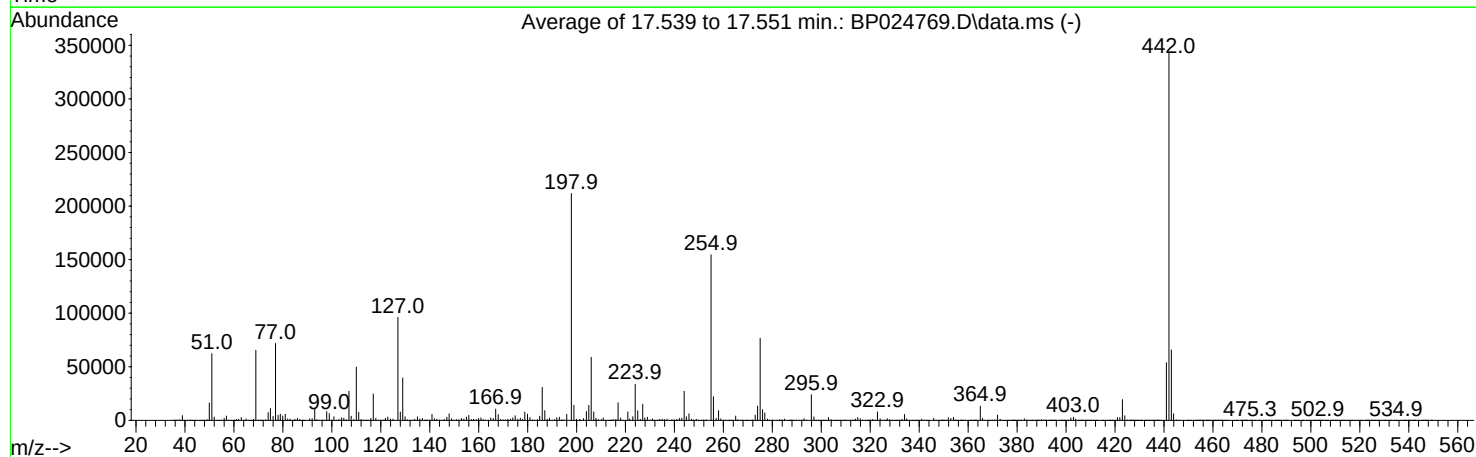
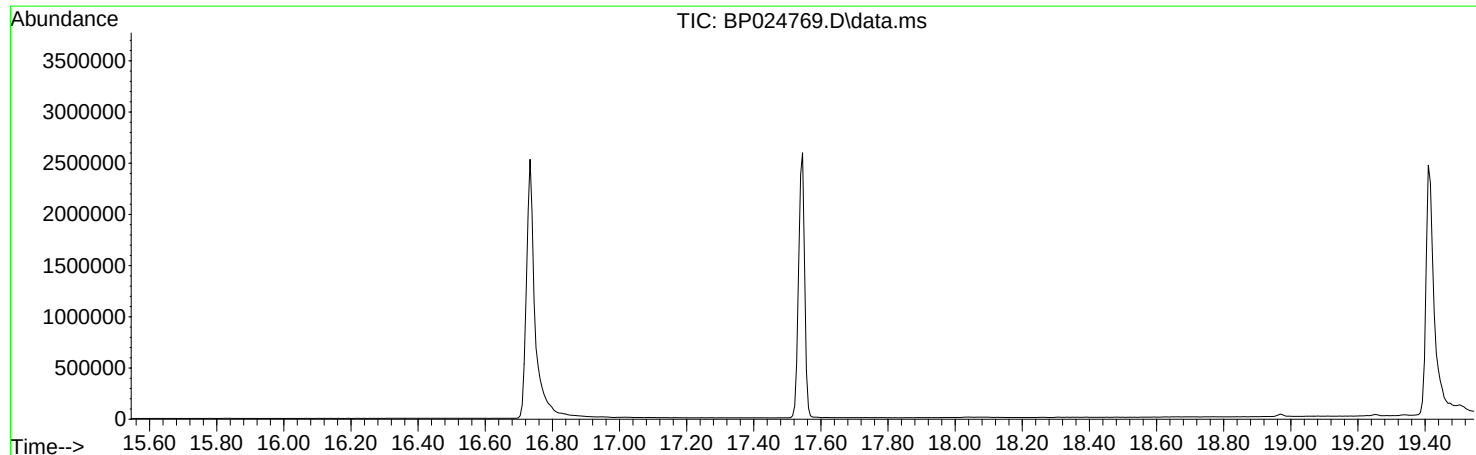
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.46
183.00	12.10	12.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024769.D
Acq On : 22 May 2025 22:28
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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 13 16:21:39 2025



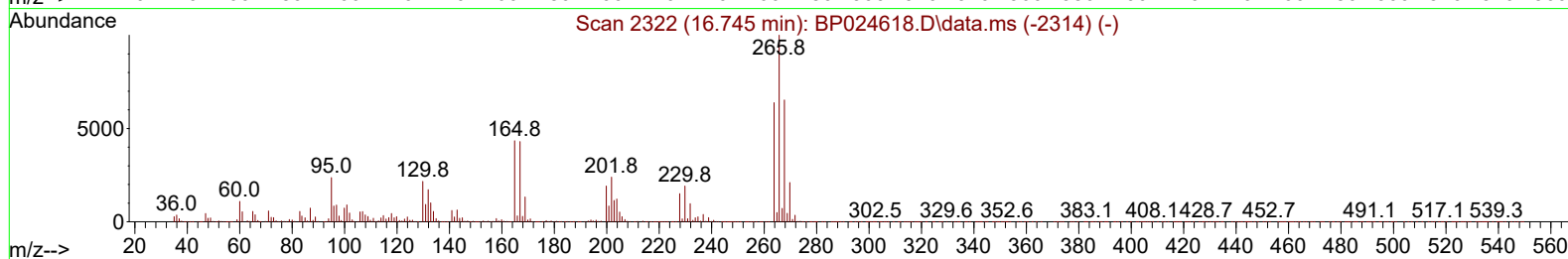
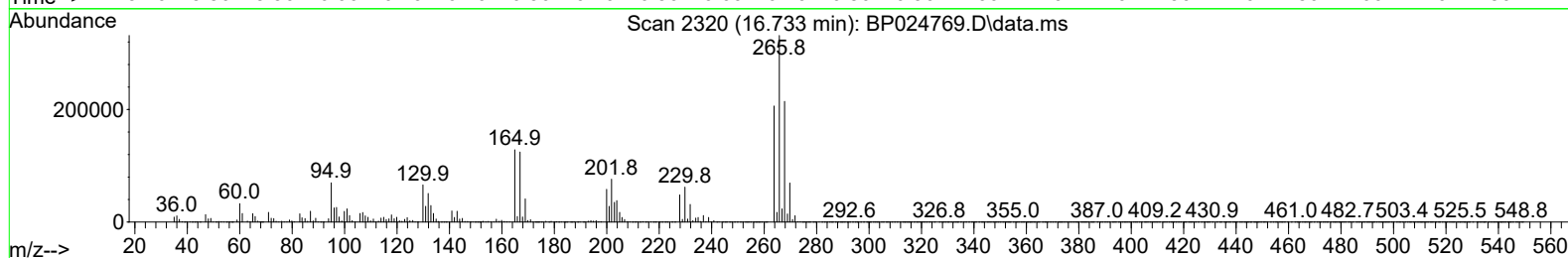
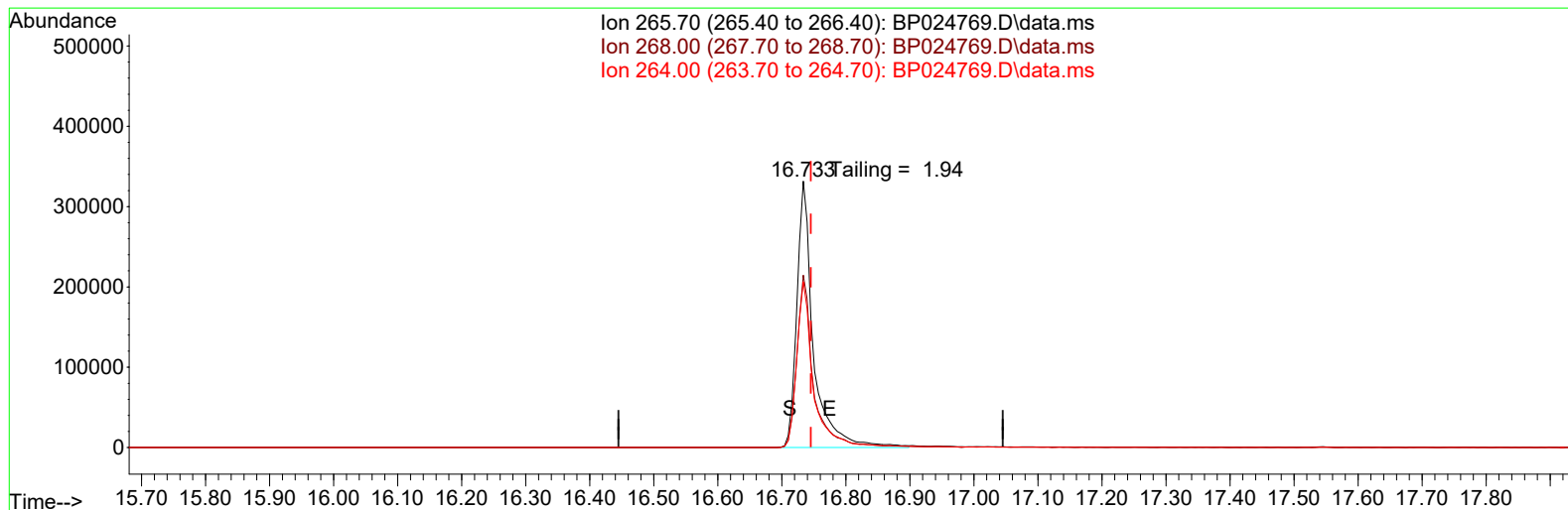
AutoFind: Scans 2457, 2458, 2459; Background Corrected with Scan 2448

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	29.4	62211	PASS
68	69	0.00	2	1.3	861	PASS
69	198	0.00	100	30.9	65374	PASS
70	69	0.00	2	0.5	334	PASS
127	198	10	80	45.4	96107	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	211776	PASS
199	198	5	9	6.6	13998	PASS
275	198	10	60	36.2	76656	PASS
365	198	1	100	6.3	13312	PASS
441	198	0.01	100	25.5	53906	PASS
442	442	100	100	100.0	343309	PASS
443	442	15	24	19.1	65731	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024769.D
Acq On : 22 May 2025 22:28
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 23 02:32:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



TIC: BP024769.D\data.ms

(70) Pentachlorophenol (C)

16.733min (-0.012) 149632.44 ng

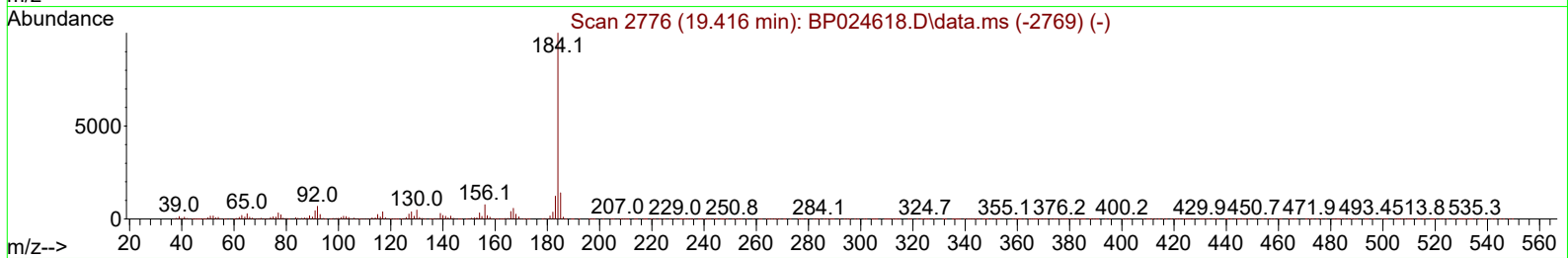
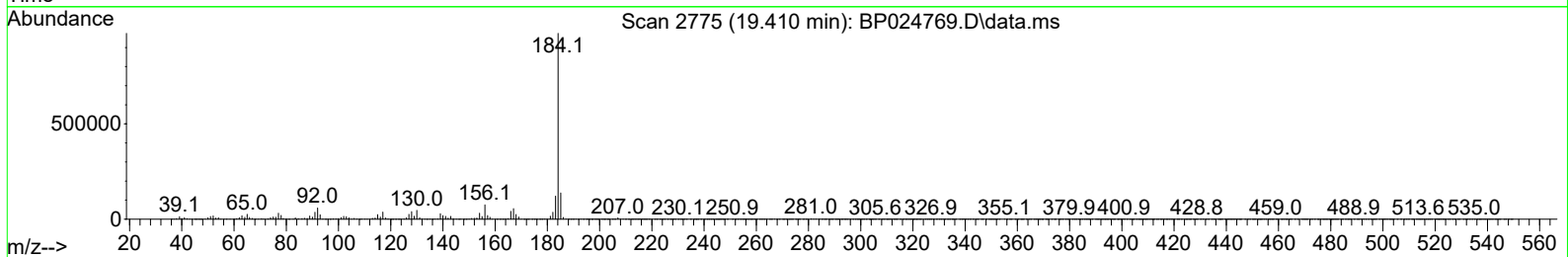
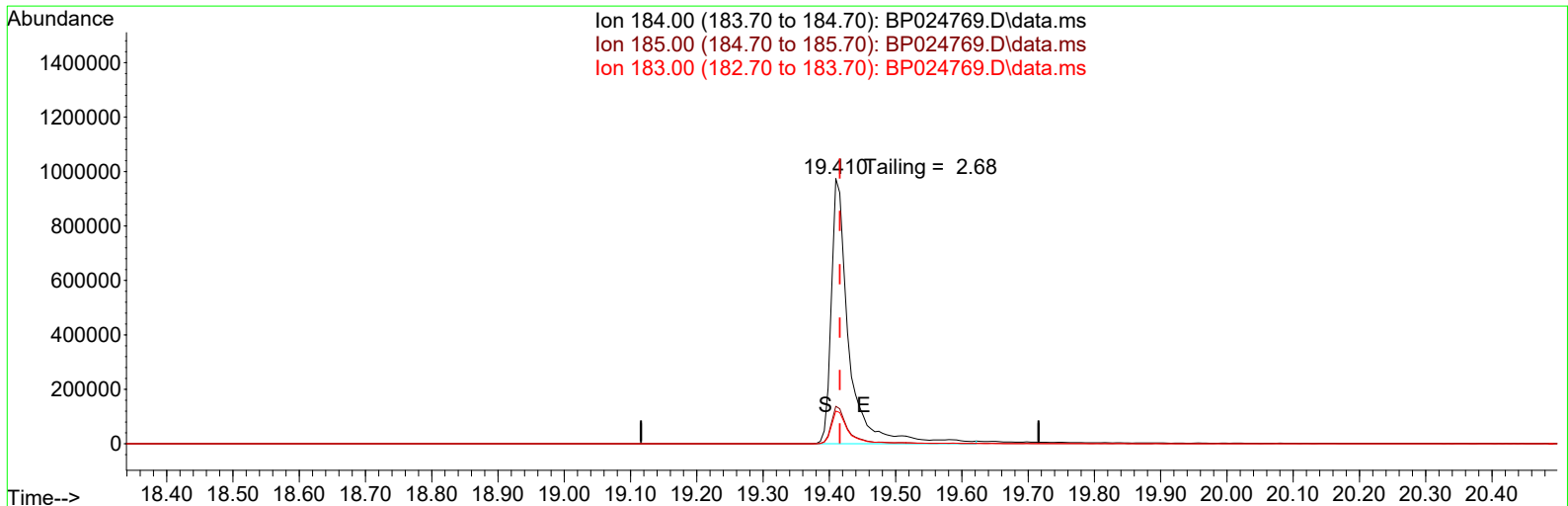
response 601167

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.30	64.69
264.00	63.90	62.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024769.D
Acq On : 22 May 2025 22:28
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 23 02:32:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



TIC: BP024769.D\data.ms

(77) Benzidine

19.410min (-0.006) 2086342.00 ng

response 1704705

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.00	14.14
183.00	12.30	12.39
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/22/2025	BNA_P	<u>BP024769.D</u>
Compound Name	Response	Retention Time
DDT	832087	20.692
DDD	19566	20.239
DDE	3224	19.716
	P	
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
22790	854877	2.67

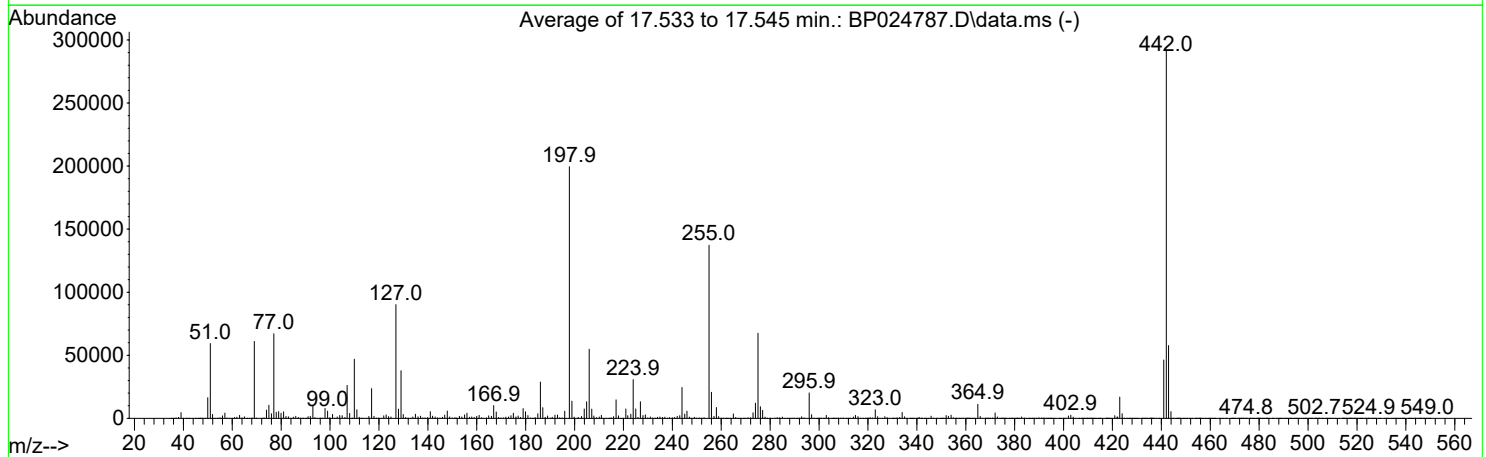
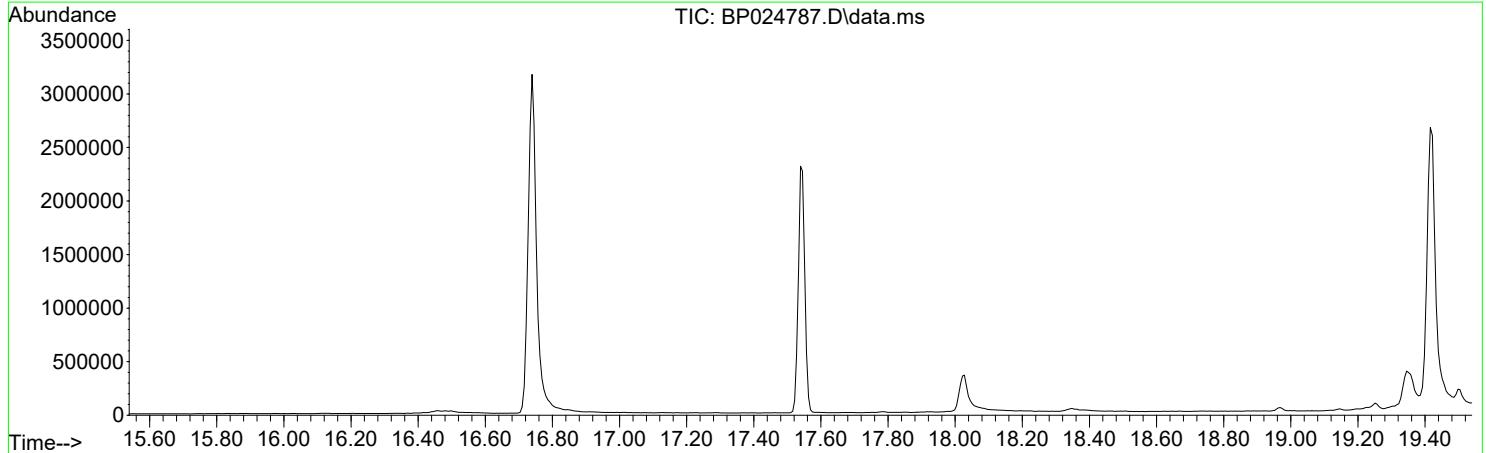
Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024787.D
Acq On : 23 May 2025 10:59
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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 13 16:21:39 2025



AutoFind: Scans 2456, 2457, 2458; Background Corrected with Scan 2447

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	29.8	59362	PASS
68	69	0.00	2	0.7	401	PASS
69	198	0.00	100	30.6	61074	PASS
70	69	0.00	2	0.5	290	PASS
127	198	10	80	45.2	90179	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	199477	PASS
199	198	5	9	6.9	13702	PASS
275	198	10	60	33.8	67505	PASS
365	198	1	100	5.6	11114	PASS
441	198	0.01	100	23.2	46297	PASS
442	442	100	100	100.0	291624	PASS
443	442	15	24	19.8	57675	PASS

DDT Breakdown

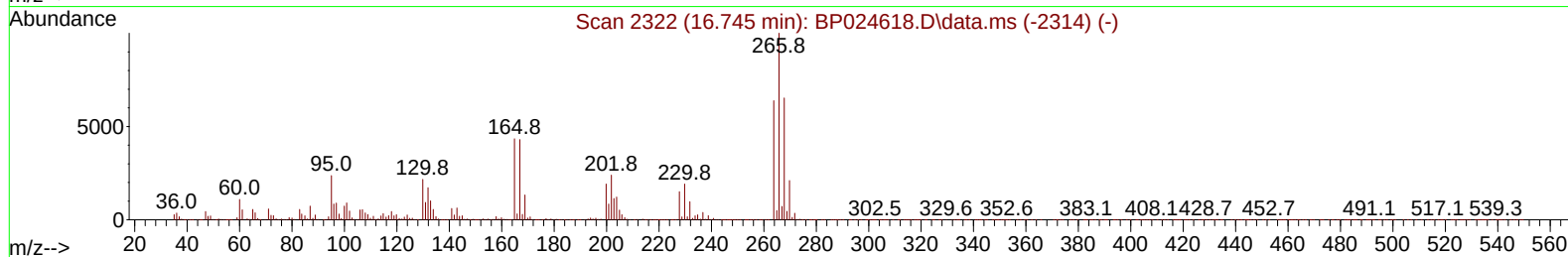
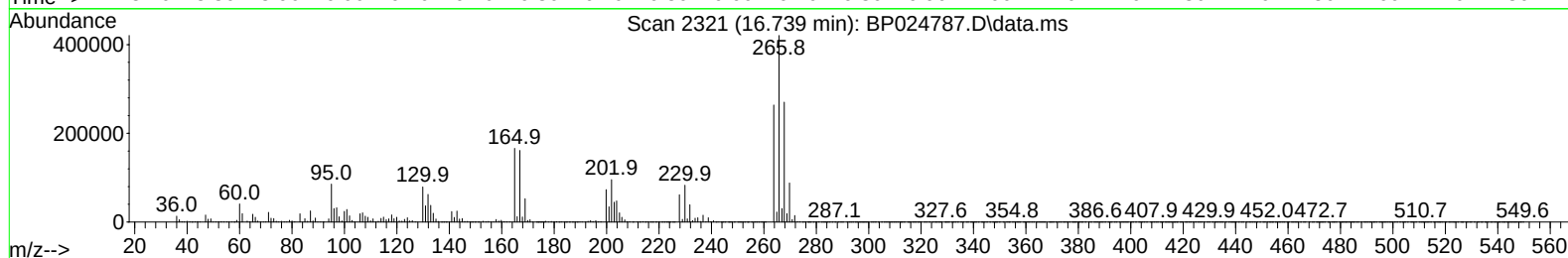
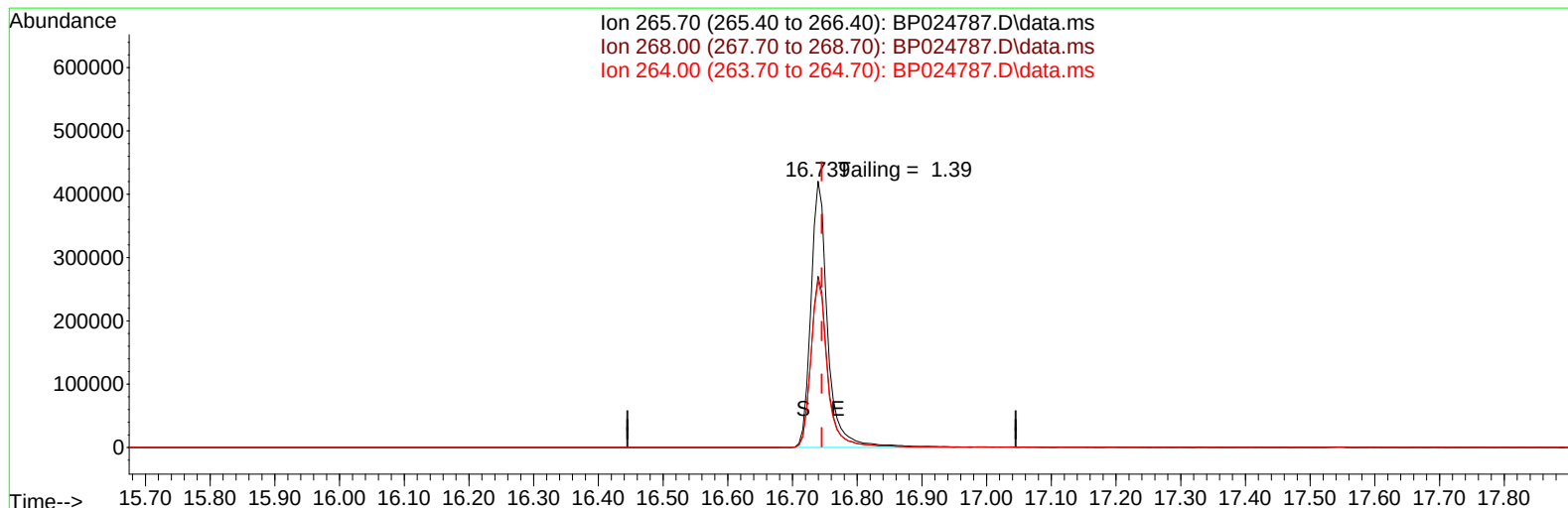
Date	Instrument Name	DFTPP Data File
5/23/2025	BNA_P	<u>BP024787.D</u>
Compound Name	Response	Retention Time
DDT	889984	20.698
DDD	15428	20.286
DDE	1954	19.71
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
17382	907366	1.92

Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024787.D
Acq On : 23 May 2025 10:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 23 12:13:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



TIC: BP024787.D\data.ms

(70) Pentachlorophenol (C)

16.739min (-0.006) 1289316.61 ng

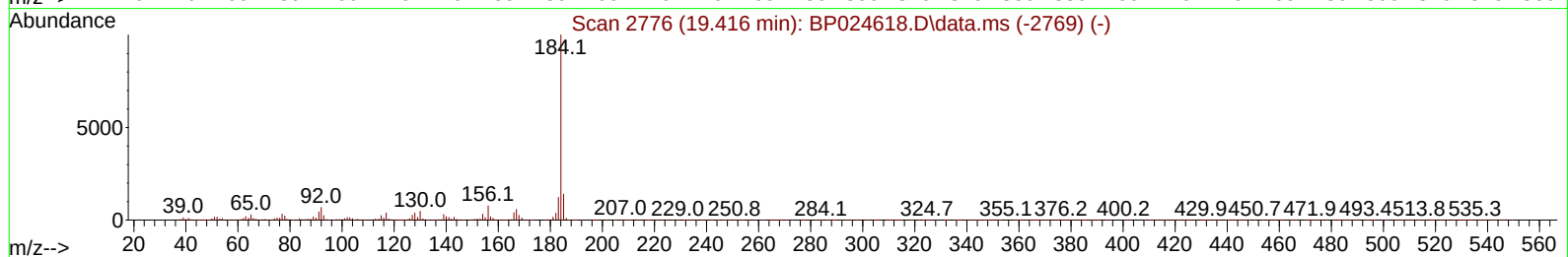
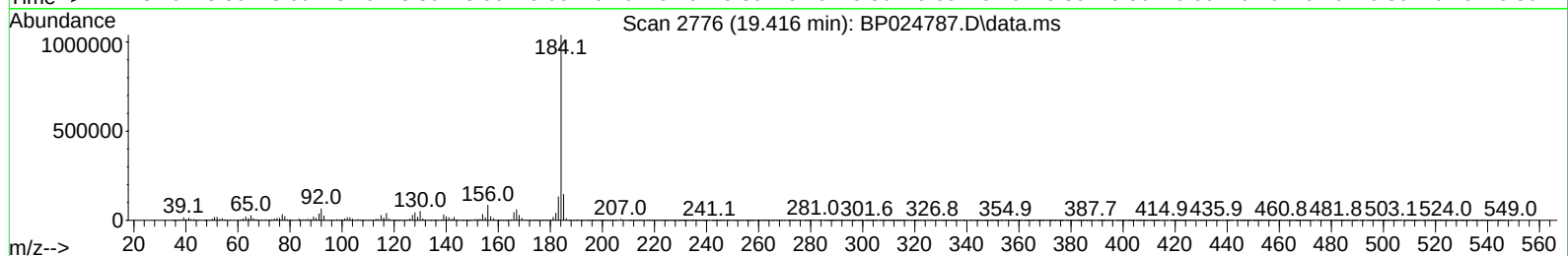
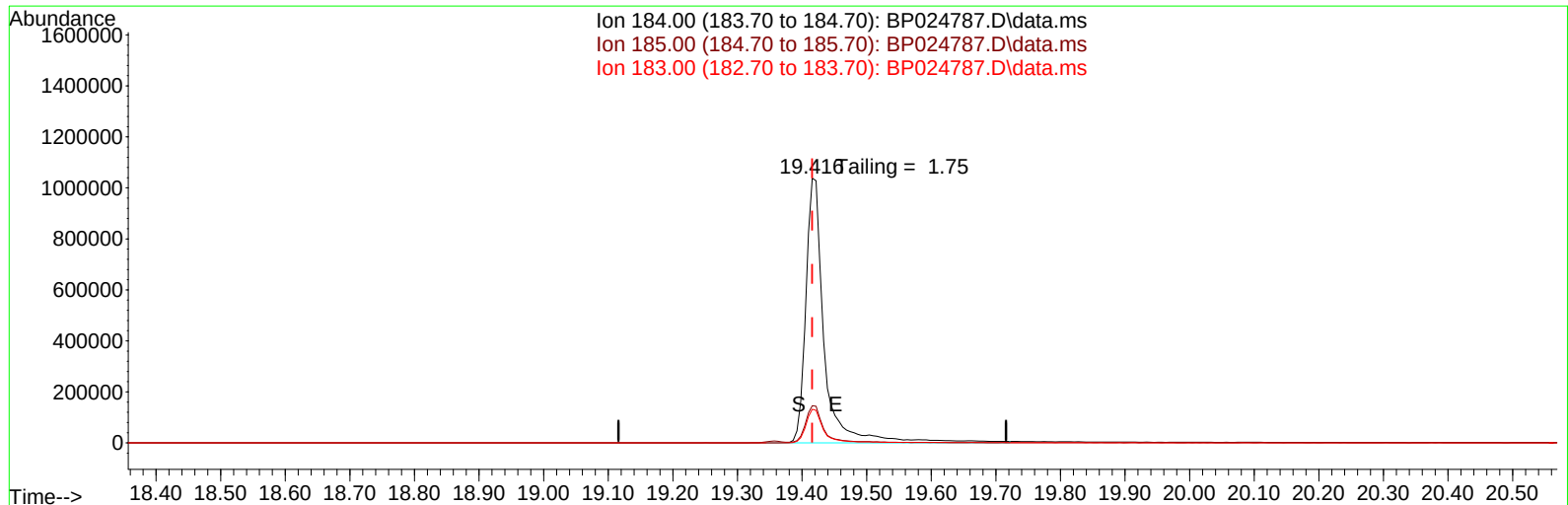
response 758576

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.30	64.26
264.00	63.90	62.71
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024787.D
Acq On : 23 May 2025 10:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 23 12:13:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



TIC: BP024787.D\data.ms

(77) Benzidine

19.416min (-0.000) 1952689.30 ng

response 2020967

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.00	14.02
183.00	12.30	12.71
0.00	0.00	0.00

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB168131BL	SDG No.:	Q2078
Lab Sample ID:	PB168131BL	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BP024789.D	1	05/22/25 11:14	05/23/25 12:20	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.0013	U	0.0013	0.0050	mg/L
106-46-7	1,4-Dichlorobenzene	0.00053	U	0.00053	0.0050	mg/L
95-48-7	2-Methylphenol	0.0011	U	0.0011	0.0050	mg/L
65794-96-9	3+4-Methylphenols	0.0011	U	0.0011	0.010	mg/L
67-72-1	Hexachloroethane	0.00065	U	0.00065	0.0050	mg/L
98-95-3	Nitrobenzene	0.00076	U	0.00076	0.0050	mg/L
87-68-3	Hexachlorobutadiene	0.00054	U	0.00054	0.0050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.00051	U	0.00051	0.0050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.00062	U	0.00062	0.0050	mg/L
121-14-2	2,4-Dinitrotoluene	0.0012	U	0.0012	0.0050	mg/L
118-74-1	Hexachlorobenzene	0.00052	U	0.00052	0.0050	mg/L
87-86-5	Pentachlorophenol	0.0016	U	0.0016	0.010	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	136		15 (23) - 110 (138)	91%	SPK: 150
13127-88-3	Phenol-d6	120		15 (10) - 110 (134)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.8		30 (67) - 130 (132)	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.8		30 (52) - 130 (132)	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	156		15 (44) - 110 (137)	104%	SPK: 150
1718-51-0	Terphenyl-d14	82.7		30 (42) - 130 (152)	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	92900	7.652			
1146-65-2	Naphthalene-d8	345000	10.422			
15067-26-2	Acenaphthene-d10	198000	14.287			
1517-22-2	Phenanthrene-d10	413000	17.086			
1719-03-5	Chrysene-d12	524000	21.521			
1520-96-3	Perylene-d12	673000	24.798			

Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	PB168131BL		SDG No.:	Q2078
Lab Sample ID:	PB168131BL		Matrix:	TCLP
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA
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
BP024789.D	1	05/22/25 11:14	05/23/25 12:20	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP052325\
Data File : BP024789.D
Acq On : 23 May 2025 12:20
Operator : RC/JU
Sample : PB168131BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168131BL

Quant Time: May 23 12:42:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	92865	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	345394	20.000	ng	#-0.01
39) Acenaphthene-d10	14.287	164	198239	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	413374	20.000	ng	-0.01
76) Chrysene-d12	21.521	240	524054	20.000	ng	0.00
86) Perylene-d12	24.798	264	672842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	737128	135.763	ng	0.00
7) Phenol-d6	6.852	99	832369	120.119	ng	0.00
23) Nitrobenzene-d5	8.799	82	511449	74.818	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	524369	156.029	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1283293	84.810	ng	-0.01
79) Terphenyl-d14	19.804	244	2526787	82.676	ng	0.00

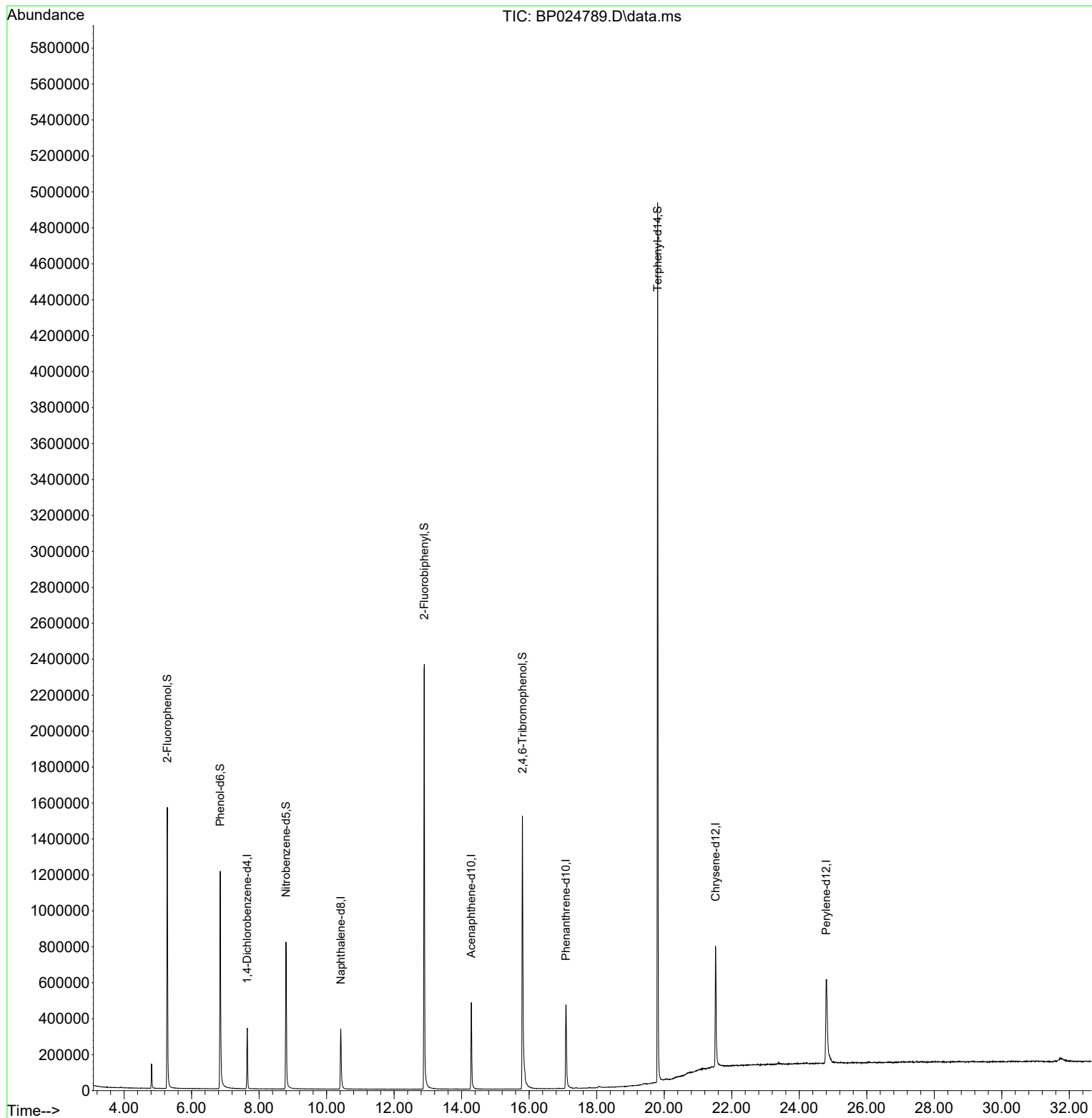
Target Compounds	Qvalue

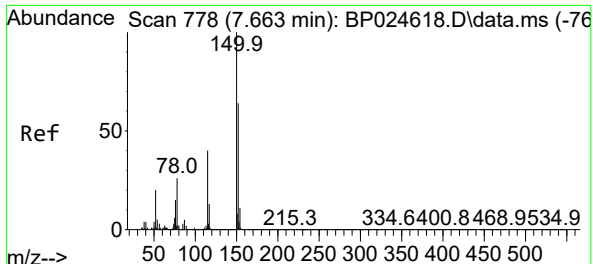
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
Data File : BP024789.D
Acq On : 23 May 2025 12:20
Operator : RC/JU
Sample : PB168131BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168131BL

Quant Time: May 23 12:42:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

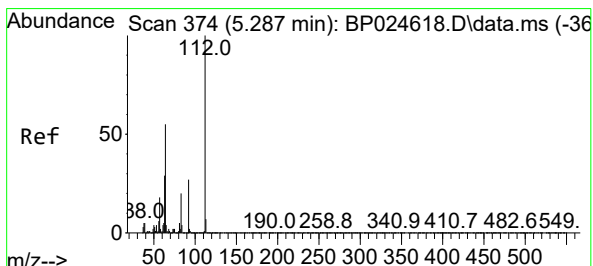
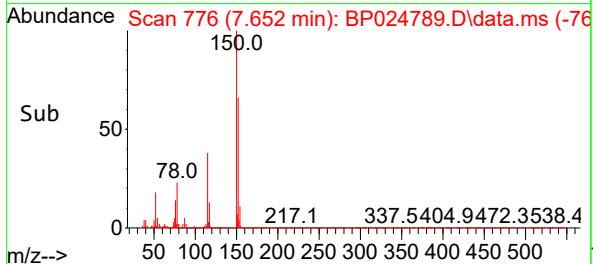
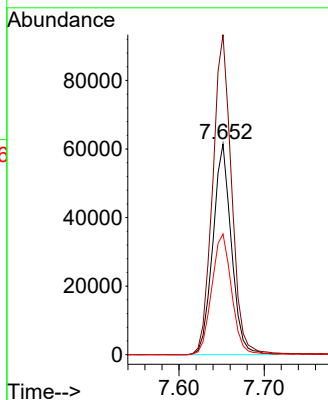
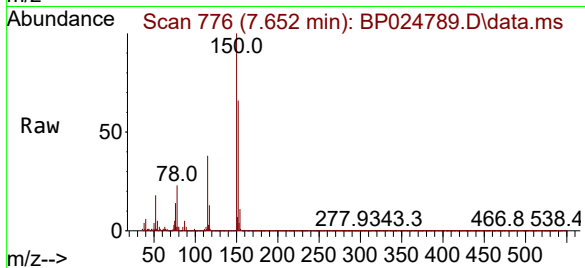




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 778
Delta R.T. -0.011 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

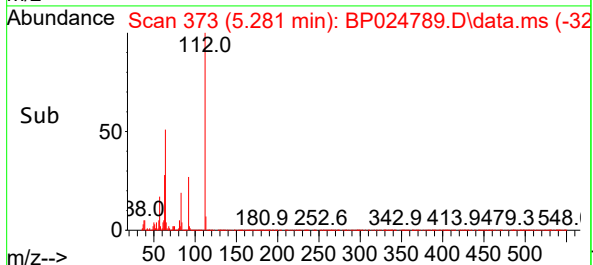
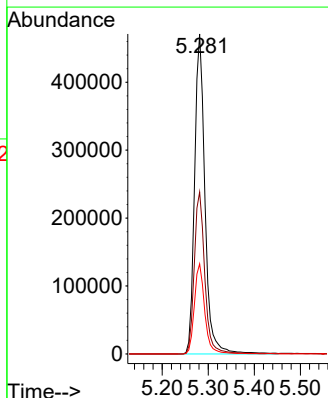
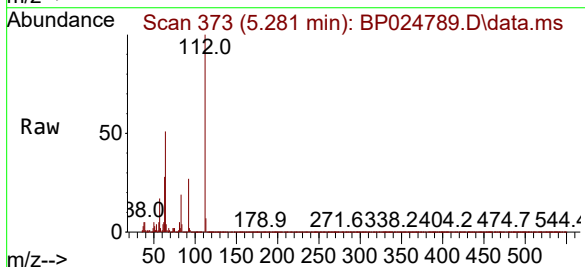
Instrument :
BNA_P
ClientSampleId :
PB168131BL

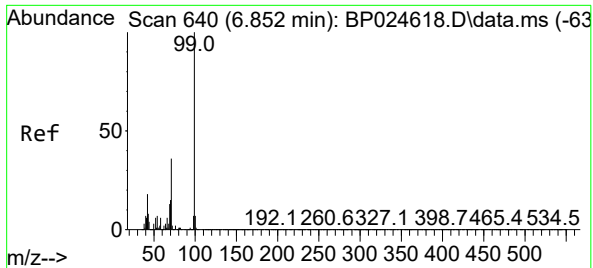
Tgt Ion:152 Resp: 92865
Ion Ratio Lower Upper
152 100
150 152.0 125.9 188.9
115 57.4 50.1 75.1



#5
2-Fluorophenol
Concen: 135.763 ng
RT: 5.281 min Scan# 373
Delta R.T. -0.006 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

Tgt Ion:112 Resp: 737128
Ion Ratio Lower Upper
112 100
64 50.6 44.1 66.1
63 28.1 23.5 35.3

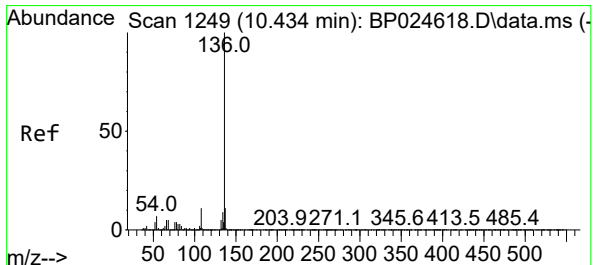
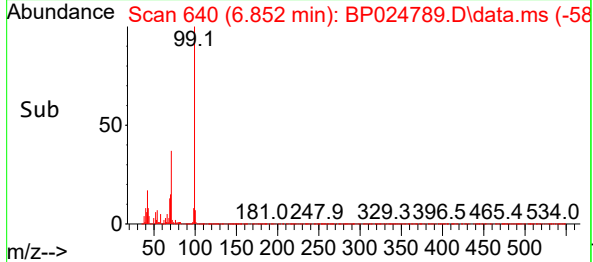
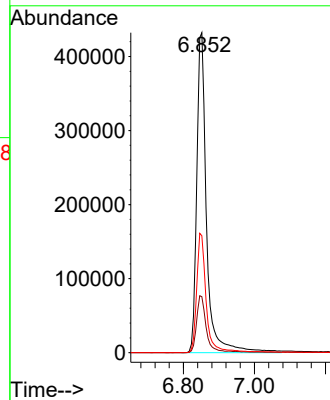
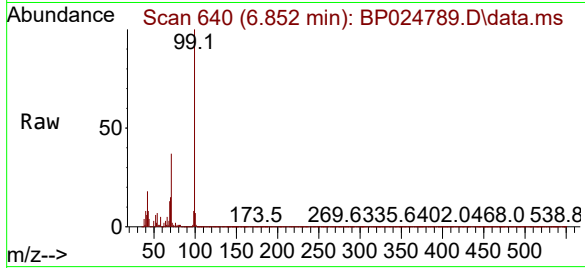




#7
Phenol-d6
Concen: 120.119 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

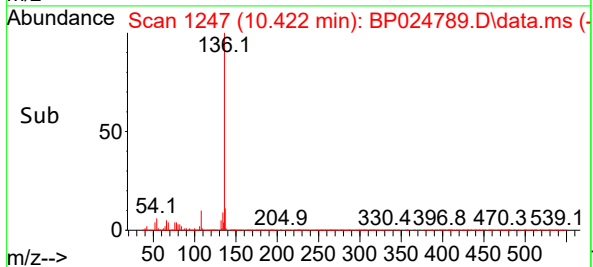
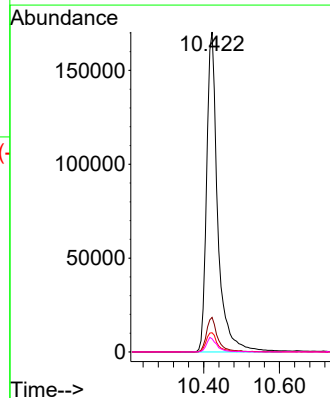
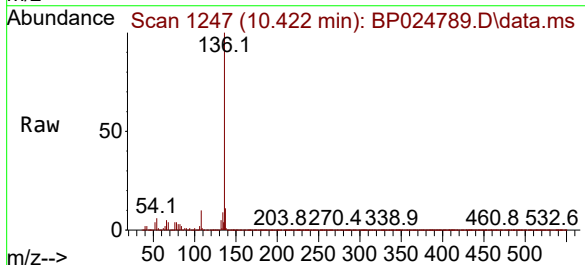
Instrument :
BNA_P
ClientSampleId :
PB168131BL

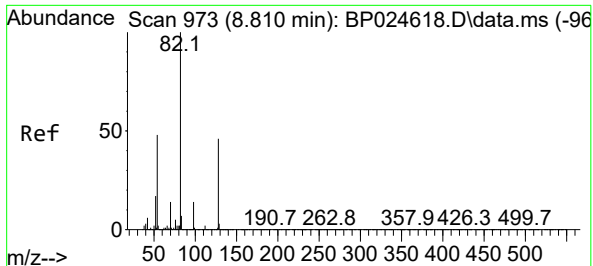
Tgt Ion: 99 Resp: 832369
Ion Ratio Lower Upper
99 100
42 17.5 14.4 21.6
71 36.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

Tgt Ion: 136 Resp: 345394
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.0 5.5 8.3
68 4.1 4.2 6.2#

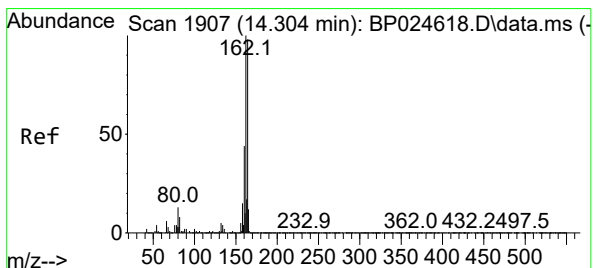
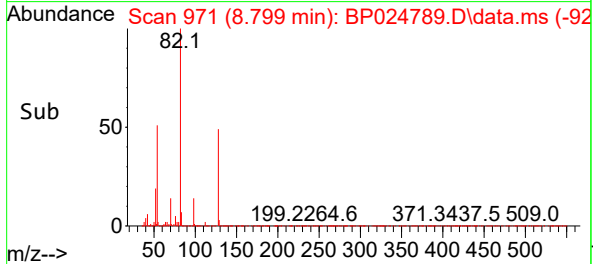
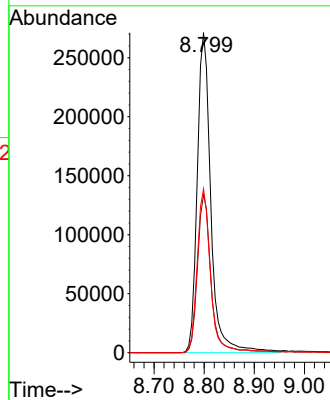
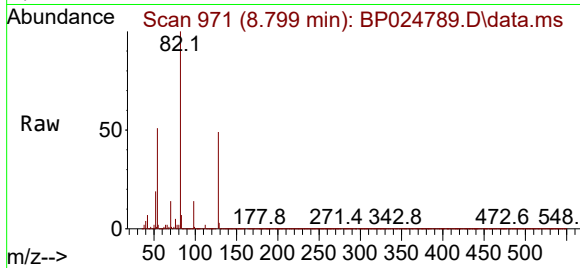




#23
Nitrobenzene-d5
Concen: 74.818 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

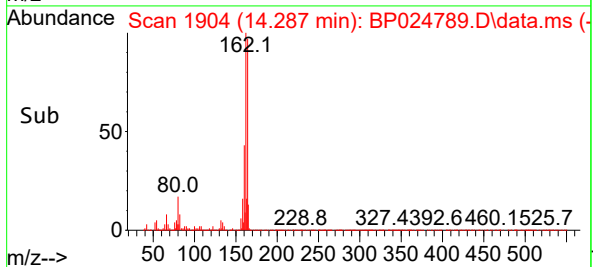
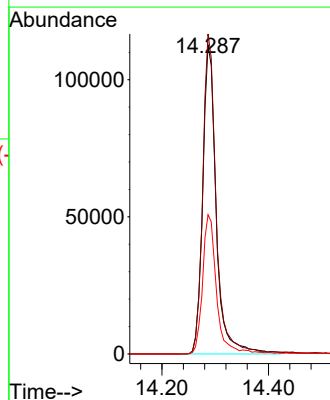
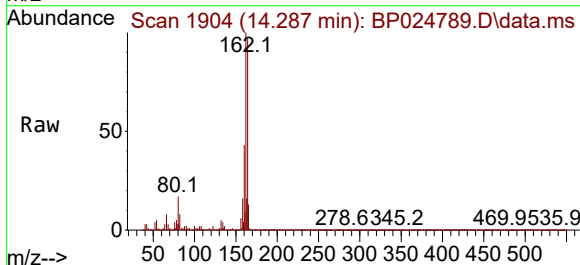
Instrument :
BNA_P
ClientSampleId :
PB168131BL

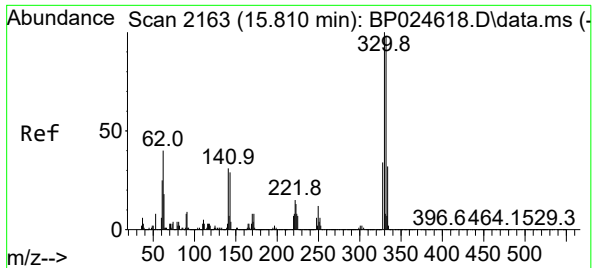
Tgt Ion: 82 Resp: 511449
Ion Ratio Lower Upper
82 100
128 49.3 37.0 55.4
54 51.2 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

Tgt Ion: 164 Resp: 198239
Ion Ratio Lower Upper
164 100
162 103.6 81.8 122.6
160 45.1 36.3 54.5

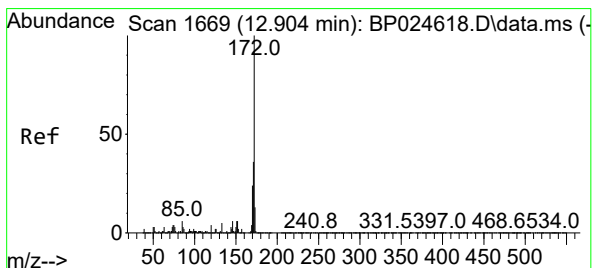
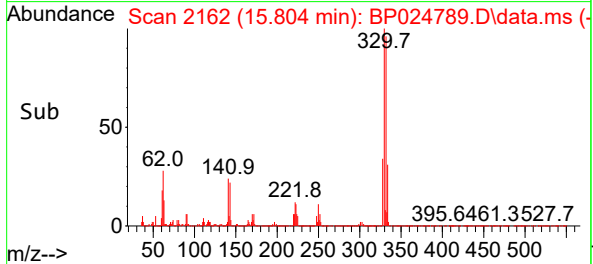
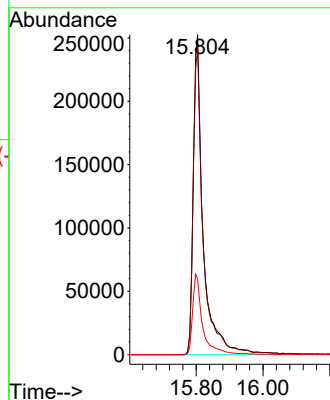
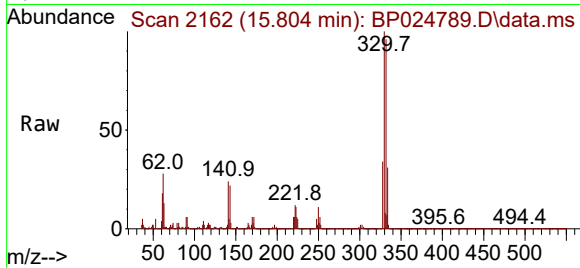




#42
2,4,6-Tribromophenol
Concen: 156.029 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

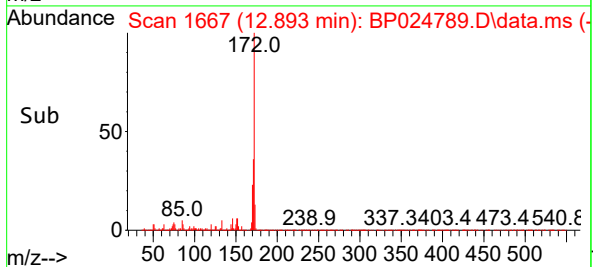
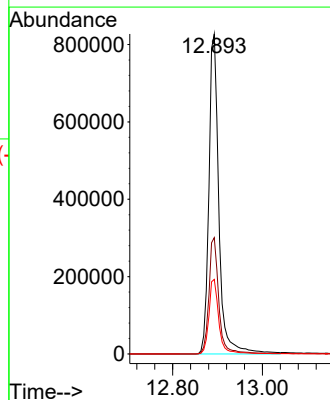
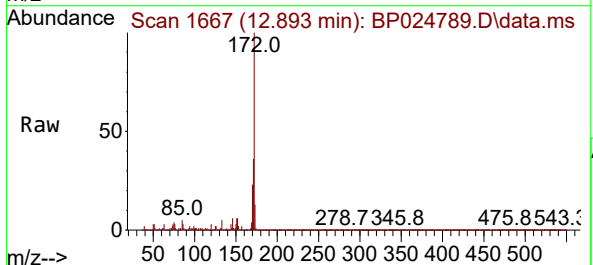
Instrument :
BNA_P
ClientSampleId :
PB168131BL

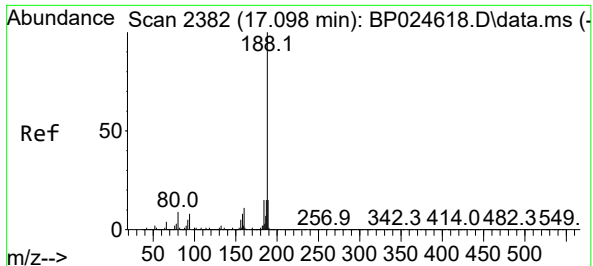
Tgt Ion:330 Resp: 524369
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.4
141 24.7 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 84.810 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

Tgt Ion:172 Resp: 1283293
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 23.3 18.8 28.2

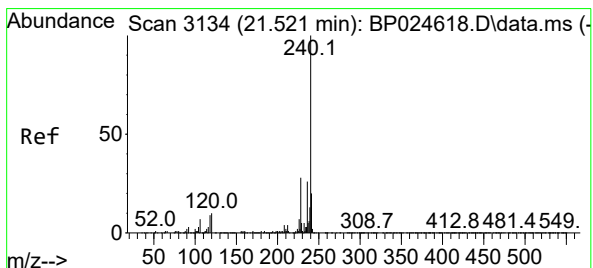
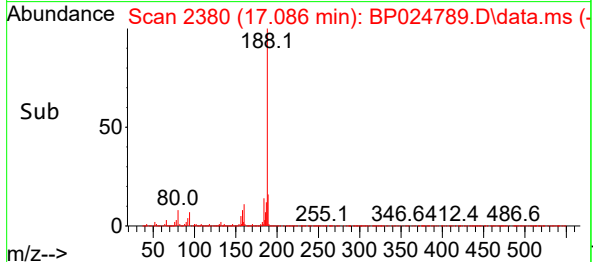
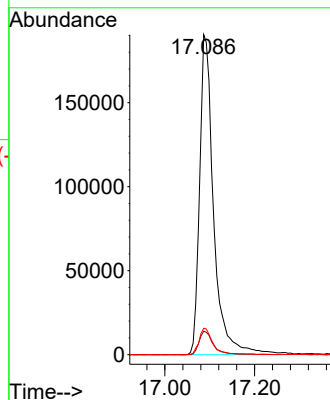
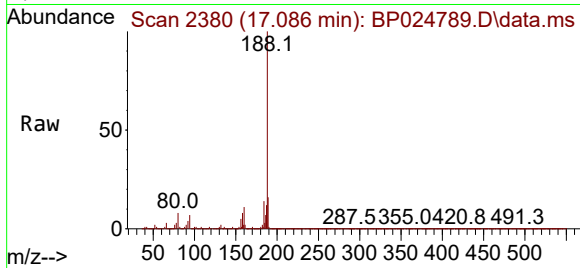




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

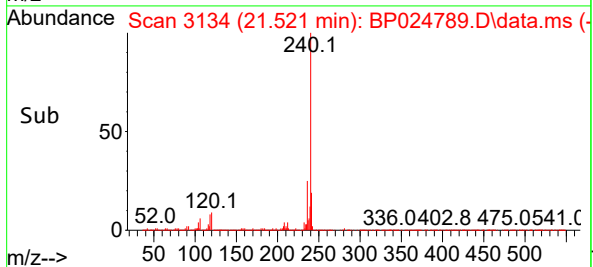
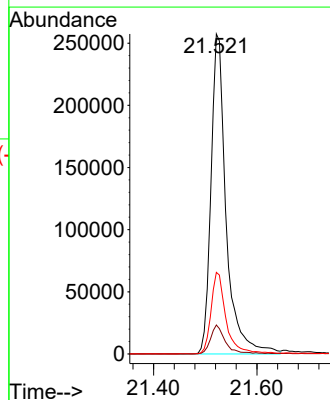
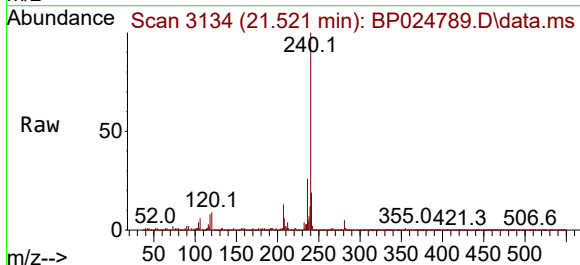
Instrument :
BNA_P
ClientSampleId :
PB168131BL

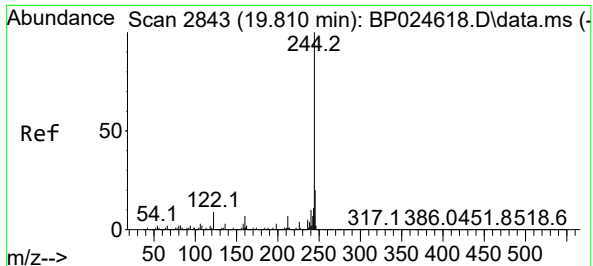
Tgt Ion:188 Resp: 413374
Ion Ratio Lower Upper
188 100
94 7.4 6.5 9.7
80 8.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024789.D
Acq: 23 May 2025 12:20

Tgt Ion:240 Resp: 524054
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 25.5 20.6 31.0

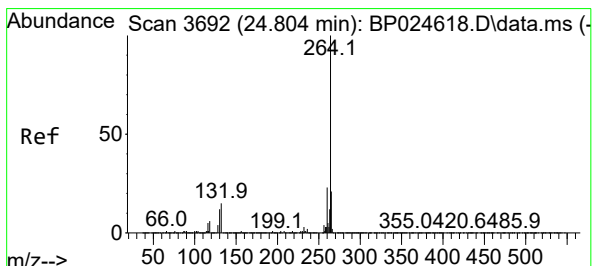
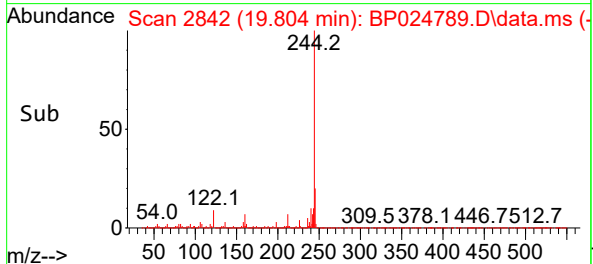
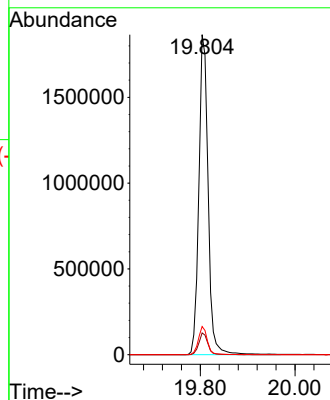
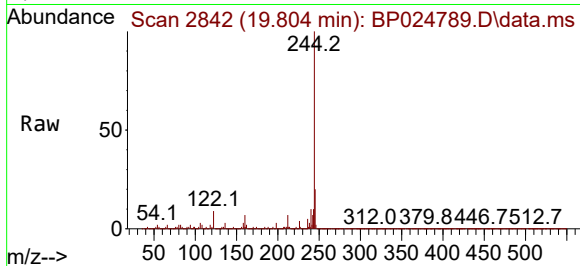




#79
 Terphenyl-d14
 Concen: 82.676 ng
 RT: 19.804 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024789.D
 Acq: 23 May 2025 12:20

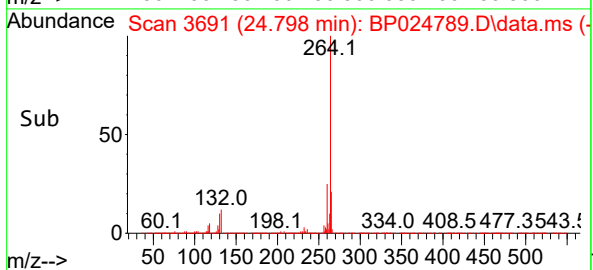
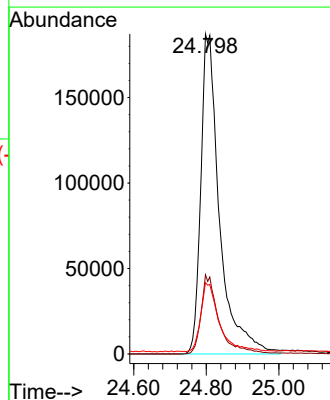
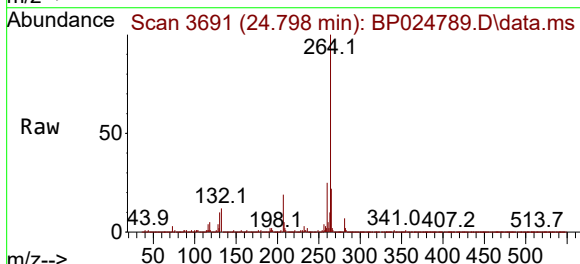
Instrument :
 BNA_P
 ClientSampleId :
 PB168131BL

Tgt Ion:244 Resp: 2526787
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 8.8 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.798 min Scan# 3691
 Delta R.T. -0.006 min
 Lab File: BP024789.D
 Acq: 23 May 2025 12:20

Tgt Ion:264 Resp: 672842
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.7 28.1
 265 22.3 17.0 25.6



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB168131BS	SDG No.:	Q2078
Lab Sample ID:	PB168131BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BP024790.D	1	05/22/25 11:14	05/23/25 13:01	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.034		0.0013	0.0050	mg/L
106-46-7	1,4-Dichlorobenzene	0.042		0.00053	0.0050	mg/L
95-48-7	2-Methylphenol	0.043		0.0011	0.0050	mg/L
65794-96-9	3+4-Methylphenols	0.042		0.0011	0.010	mg/L
67-72-1	Hexachloroethane	0.040		0.00065	0.0050	mg/L
98-95-3	Nitrobenzene	0.040		0.00076	0.0050	mg/L
87-68-3	Hexachlorobutadiene	0.046		0.00054	0.0050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.048		0.00051	0.0050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.048		0.00062	0.0050	mg/L
121-14-2	2,4-Dinitrotoluene	0.048		0.0012	0.0050	mg/L
118-74-1	Hexachlorobenzene	0.047		0.00052	0.0050	mg/L
87-86-5	Pentachlorophenol	0.11	E	0.0016	0.010	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	133		15 (23) - 110 (138)	89%	SPK: 150
13127-88-3	Phenol-d6	124		15 (10) - 110 (134)	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.2		30 (67) - 130 (132)	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.6		30 (52) - 130 (132)	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	161		15 (44) - 110 (137)	107%	SPK: 150
1718-51-0	Terphenyl-d14	79.4		30 (42) - 130 (152)	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	93500	7.646			
1146-65-2	Naphthalene-d8	372000	10.416			
15067-26-2	Acenaphthene-d10	251000	14.281			
1517-22-2	Phenanthrene-d10	521000	17.081			
1719-03-5	Chrysene-d12	672000	21.51			
1520-96-3	Perylene-d12	793000	24.786			

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB168131BS	SDG No.:	Q2078
Lab Sample ID:	PB168131BS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BP024790.D	1	05/22/25 11:14	05/23/25 13:01	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP052325\
 Data File : BP024790.D
 Acq On : 23 May 2025 13:01
 Operator : RC/JU
 Sample : PB168131BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168131BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

Quant Time: May 23 14:08:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	93522	20.000	ng	-0.02
21) Naphthalene-d8	10.416	136	371862	20.000	ng	-0.02
39) Acenaphthene-d10	14.281	164	250920	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	520912	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	672344	20.000	ng	-0.01
86) Perylene-d12	24.786	264	792756	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	727011	132.959	ng	0.00
7) Phenol-d6	6.852	99	868664	124.476	ng	0.00
23) Nitrobenzene-d5	8.799	82	531519	72.220	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	683855	160.763	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1448595	75.635	ng	-0.01
79) Terphenyl-d14	19.804	244	3112803	79.387	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	78857	30.712	ng	98
3) Pyridine	3.611	79	192256	33.769	ng	94
4) n-Nitrosodimethylamine	3.523	42	102688	40.856	ng	85
6) Aniline	6.993	93	180754	20.062	ng	98
8) 2-Chlorophenol	7.228	128	275007	44.304	ng	97
9) Benzaldehyde	6.805	77	148211	32.808	ng	96
10) Phenol	6.875	94	301554	41.866	ng	96
11) bis(2-Chloroethyl)ether	7.081	93	215390	36.393	ng	99
12) 1,3-Dichlorobenzene	7.540	146	298849	41.847	ng	98
13) 1,4-Dichlorobenzene	7.681	146	302668	42.139	ng	99
14) 1,2-Dichlorobenzene	7.993	146	291841	41.698	ng	99
15) Benzyl Alcohol	7.899	79	216861	40.893	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	255499	36.047	ng	98
17) 2-Methylphenol	8.105	107	220165	42.618	ng	98
18) Hexachloroethane	8.711	117	110626	40.192	ng	96
19) n-Nitroso-di-n-propyla...	8.452	70	170072	35.231	ng	95
20) 3+4-Methylphenols	8.434	107	294493	41.907	ng	99
22) Acetophenone	8.463	105	384590	41.403	ng	99
24) Nitrobenzene	8.840	77	257173	39.707	ng	95
25) Isophorone	9.363	82	484904	37.983	ng	96
26) 2-Nitrophenol	9.546	139	147995	46.632	ng	97
27) 2,4-Dimethylphenol	9.616	122	256454	45.832	ng	98
28) bis(2-Chloroethoxy)met...	9.834	93	291154	38.173	ng	98
29) 2,4-Dichlorophenol	10.093	162	260562	48.053	ng	98
30) 1,2,4-Trichlorobenzene	10.281	180	273730	44.798	ng	98
31) Naphthalene	10.463	128	831469	43.148	ng	100
32) Benzoic acid	9.793	122	156368	41.364	ng	98
33) 4-Chloroaniline	10.599	127	115647	14.872	ng	98
34) Hexachlorobutadiene	10.746	225	183605	46.384	ng	98
35) Caprolactam	11.393	113	87745	44.726	ng	94
36) 4-Chloro-3-methylphenol	11.734	107	299087	45.230	ng	100
37) 2-Methylnaphthalene	12.081	142	536037	42.960	ng	99
38) 1-Methylnaphthalene	12.304	142	568037	42.547	ng	100
40) 1,2,4,5-Tetrachloroben...	12.457	216	321506	44.124	ng	100
41) Hexachlorocyclopentadiene	12.434	237	438661	99.284	ng	97
43) 2,4,6-Trichlorophenol	12.710	196	226367	47.964	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024790.D
 Acq On : 23 May 2025 13:01
 Operator : RC/JU
 Sample : PB168131BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168131BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

Quant Time: May 23 14:08:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

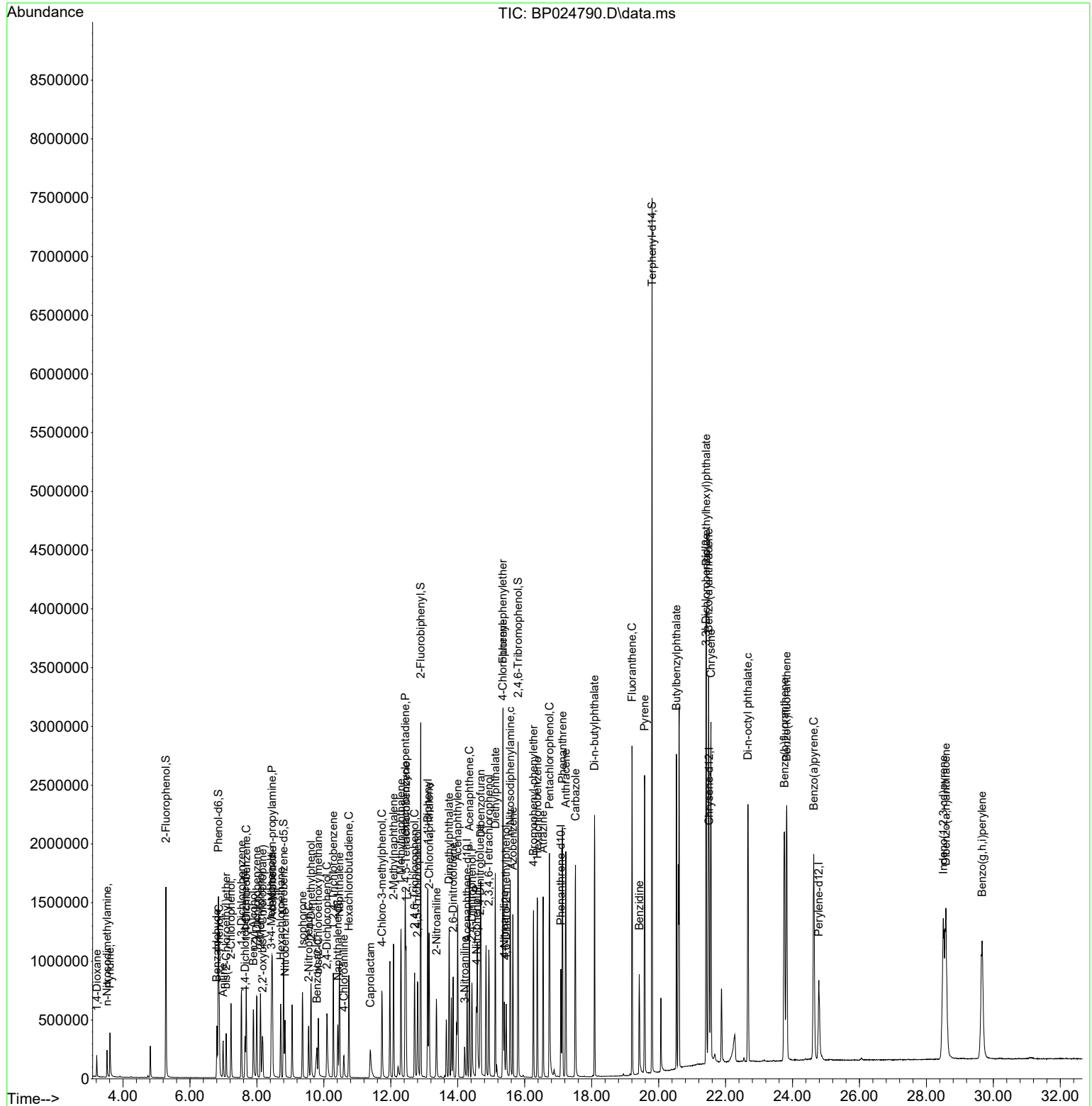
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	251236	47.824	ng	96
46) 1,1'-Biphenyl	13.104	154	792925	42.755	ng	98
47) 2-Chloronaphthalene	13.146	162	610868	43.199	ng	100
48) 2-Nitroaniline	13.363	65	176251	42.100	ng	96
49) Acenaphthylene	13.998	152	1024993	43.314	ng	99
50) Dimethylphthalate	13.746	163	853576	44.631	ng	100
51) 2,6-Dinitrotoluene	13.863	165	182801	45.257	ng	95
52) Acenaphthene	14.346	154	582259	42.800	ng	100
53) 3-Nitroaniline	14.204	138	81557	19.775	ng	92
54) 2,4-Dinitrophenol	14.428	184	226925	88.367	ng	95
55) Dibenzofuran	14.687	168	940373	43.337	ng	99
56) 4-Nitrophenol	14.557	139	286124	80.127	ng	94
57) 2,4-Dinitrotoluene	14.669	165	271663	47.707	ng	96
58) Fluorene	15.351	166	776143	43.866	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.928	232	238725	48.986	ng	94
60) Diethylphthalate	15.122	149	864406	44.718	ng	99
61) 4-Chlorophenyl-phenyle...	15.345	204	393161	44.557	ng	97
62) 4-Nitroaniline	15.393	138	186011m	46.710	ng	
63) Azobenzene	15.645	77	659187	39.863	ng	93
65) 4,6-Dinitro-2-methylph...	15.445	198	157753	46.884	ng	99
66) n-Nitrosodiphenylamine	15.569	169	705742	44.108	ng	98
67) 4-Bromophenyl-phenylether	16.263	248	284032	46.273	ng	95
68) Hexachlorobenzene	16.381	284	366390	46.975	ng	92
69) Atrazine	16.551	200	289878	49.436	ng	99
70) Pentachlorophenol	16.740	266	493320	112.674	ng	98
71) Phenanthrene	17.128	178	1279375	44.180	ng	100
72) Anthracene	17.228	178	1326851	45.541	ng	100
73) Carbazole	17.516	167	1226337	46.504	ng	99
74) Di-n-butylphthalate	18.086	149	1600642	47.197	ng	100
75) Fluoranthene	19.204	202	1604048	47.387	ng	98
77) Benzidine	19.422	184	540768	29.531	ng	99
78) Pyrene	19.581	202	1682916	41.775	ng	99
80) Butylbenzylphthalate	20.533	149	791887	44.199	ng	92
81) Benzo(a)anthracene	21.492	228	1900210	45.010	ng	99
82) 3,3'-Dichlorobenzidine	21.416	252	456351	29.103	ng	100
83) Chrysene	21.563	228	1773321	44.311	ng	99
84) Bis(2-ethylhexyl)phtha...	21.422	149	1224831	46.511	ng	100
85) Di-n-octyl phthalate	22.669	149	2134359	49.563	ng	99
87) Indeno(1,2,3-cd)pyrene	28.504	276	2638560	45.590	ng	# 90
88) Benzo(b)fluoranthene	23.757	252	2057849	45.351	ng	99
89) Benzo(k)fluoranthene	23.827	252	2135303	45.668	ng	99
90) Benzo(a)pyrene	24.633	252	1986376	45.580	ng	98
91) Dibenzo(a,h)anthracene	28.586	278	2174061	46.174	ng	98
92) Benzo(g,h,i)perylene	29.662	276	2105686	44.972	ng	97

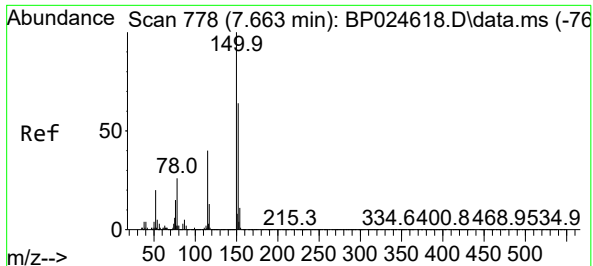
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
PB168131BS

Manual Integrations

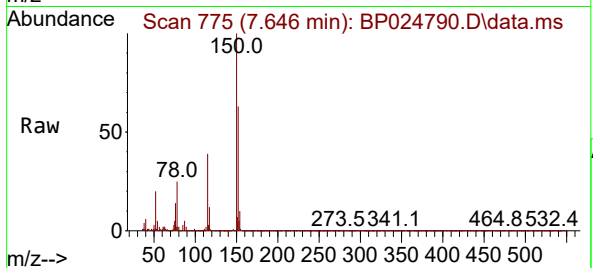
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

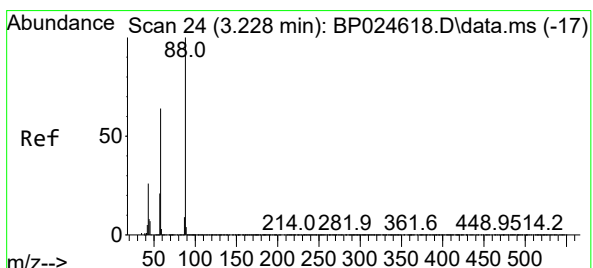
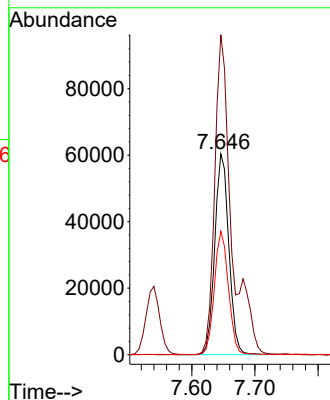
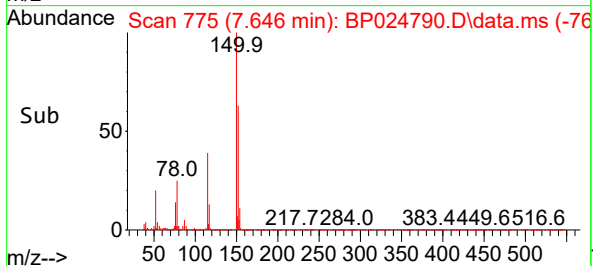
Instrument :
BNA_P
ClientSampleId :
PB168131BS



Tgt Ion: 152 Resp: 9352
Ion Ratio Lower Upper
152 100
150 159.4 125.9 188.9
115 61.5 50.1 75.1

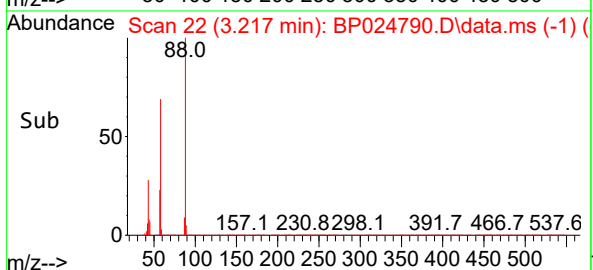
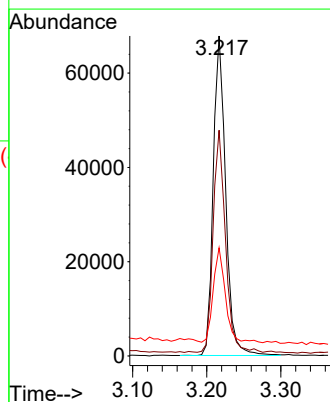
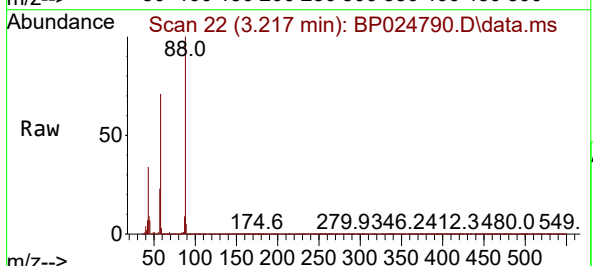
Manual Integrations
APPROVED

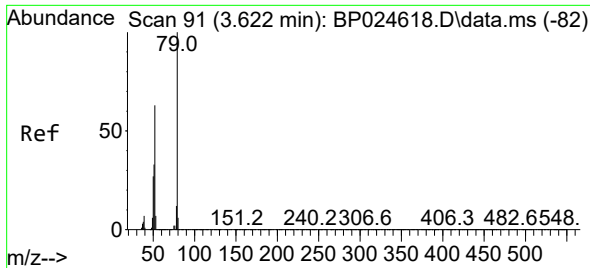
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#2
1,4-Dioxane
Concen: 30.712 ng
RT: 3.217 min Scan# 22
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

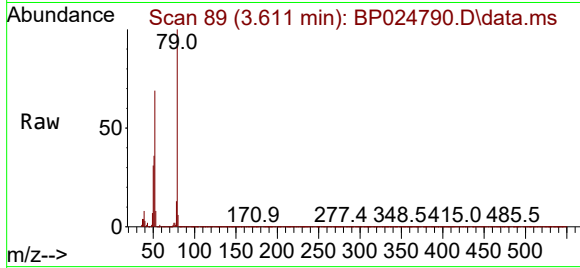
Tgt Ion: 88 Resp: 78857
Ion Ratio Lower Upper
88 100
58 68.7 54.0 81.0
43 29.2 21.4 32.0





#3
Pyridine
Concen: 33.769 ng
RT: 3.611 min Scan# 89
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

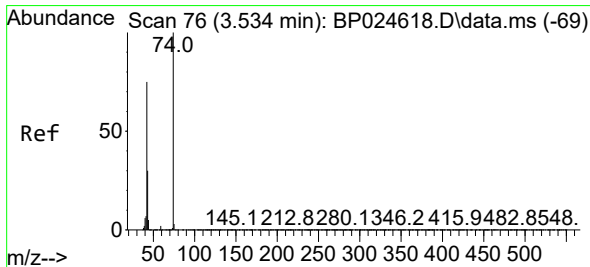
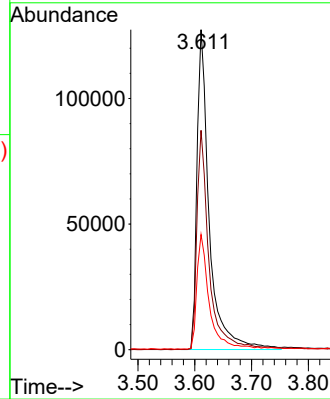
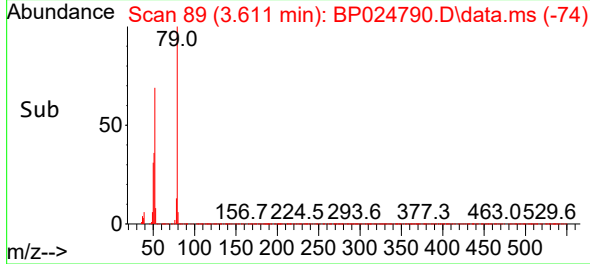
Instrument :
BNA_P
ClientSampleId :
PB168131BS



Tgt Ion: 79 Resp: 192250
Ion Ratio Lower Upper
79 100
52 68.5 50.2 75.2
51 36.0 26.8 40.2

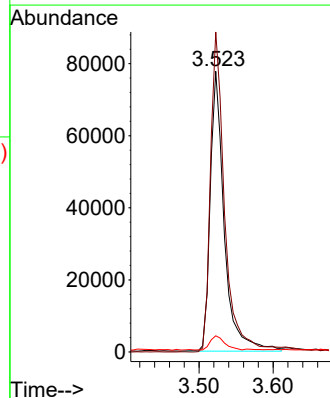
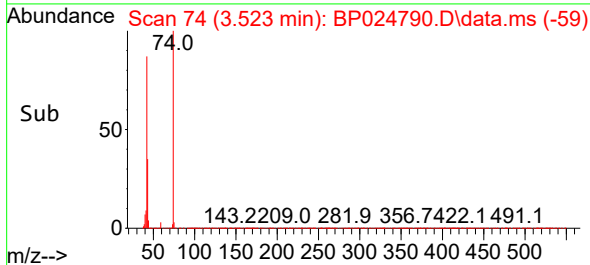
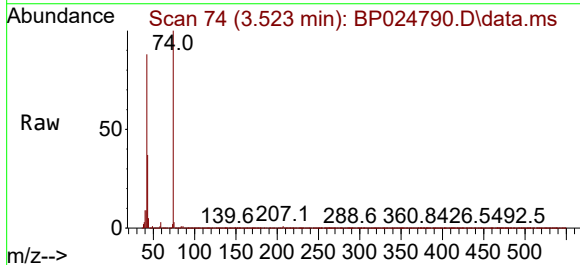
Manual Integrations
APPROVED

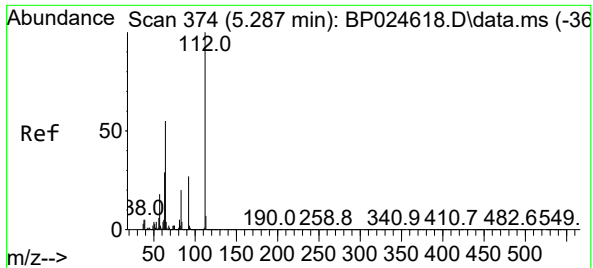
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#4
n-Nitrosodimethylamine
Concen: 40.856 ng
RT: 3.523 min Scan# 74
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

Tgt Ion: 42 Resp: 102688
Ion Ratio Lower Upper
42 100
74 114.0 106.2 159.2
44 5.8 5.4 8.2





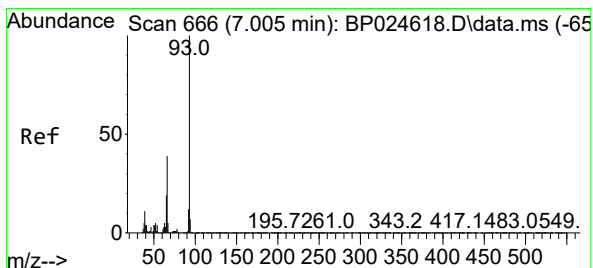
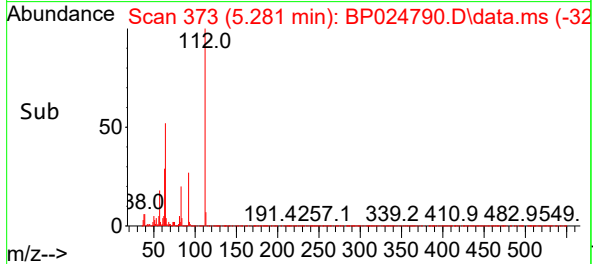
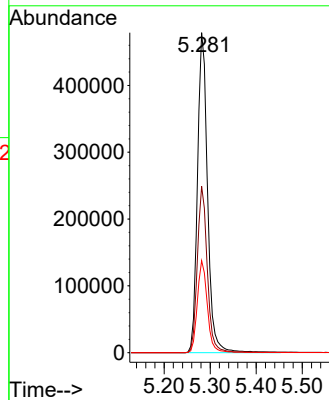
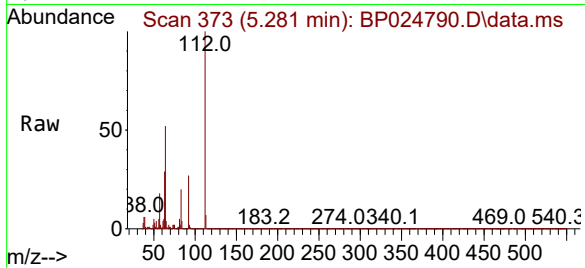
#5
2-Fluorophenol
Concen: 132.959 ng
RT: 5.281 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

Instrument :
BNA_P
ClientSampleId :
PB168131BS

Tgt Ion: 112 Resp: 72701
Ion Ratio Lower Upper
112 100
64 52.0 44.1 66.1
63 28.7 23.5 35.3

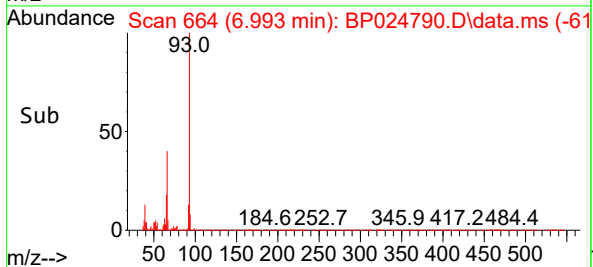
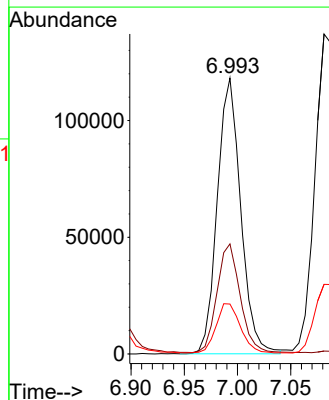
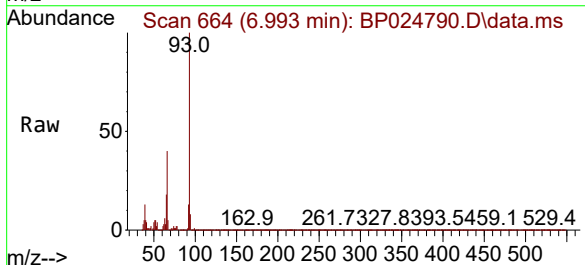
Manual Integrations
APPROVED

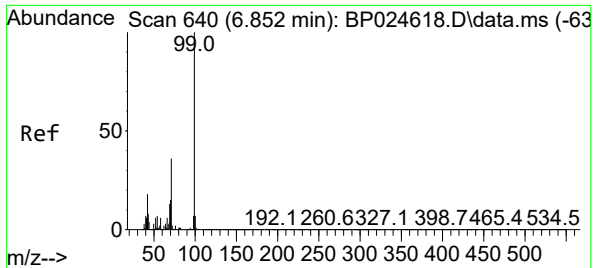
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#6
Aniline
Concen: 20.062 ng
RT: 6.993 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

Tgt Ion: 93 Resp: 180754
Ion Ratio Lower Upper
93 100
66 39.9 31.0 46.6
65 18.1 15.5 23.3





#7

Phenol-d6

Concen: 124.476 ng

RT: 6.852 min Scan# 64

Delta R.T. 0.000 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

Instrument :

BNA_P

ClientSampleId :

PB168131BS

Tgt Ion: 99 Resp: 868664

Ion Ratio Lower Upper

99 100

42 18.2 14.4 21.6

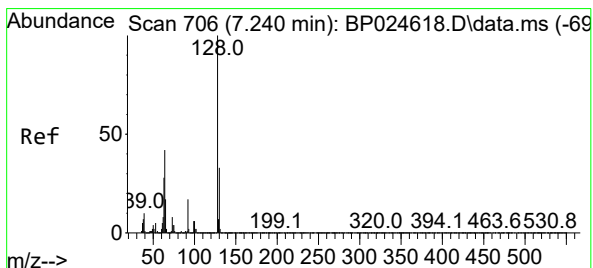
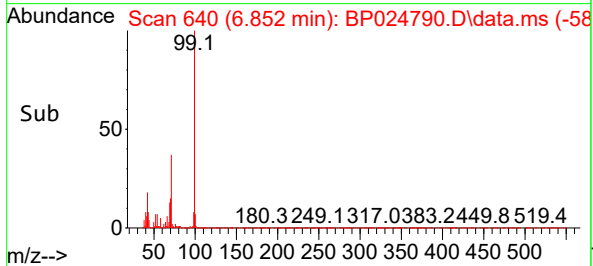
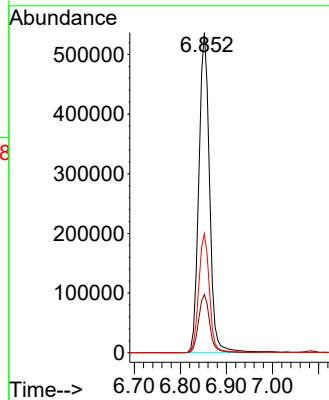
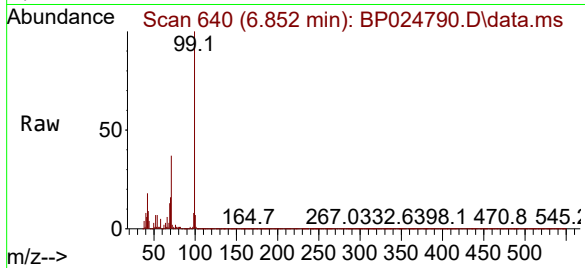
71 37.1 29.2 43.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#8

2-Chlorophenol

Concen: 44.304 ng

RT: 7.228 min Scan# 704

Delta R.T. -0.012 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

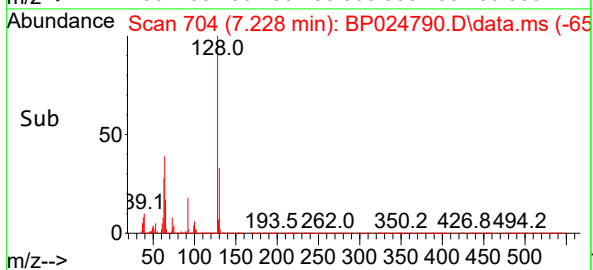
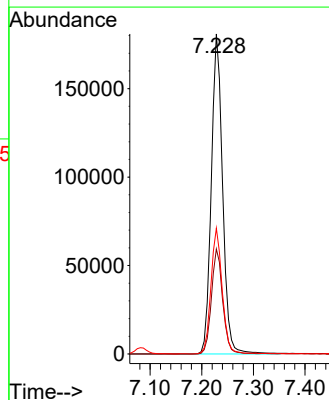
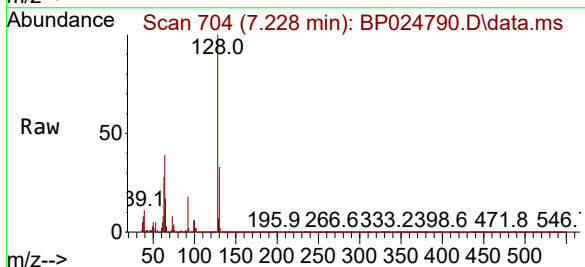
Tgt Ion:128 Resp: 275007

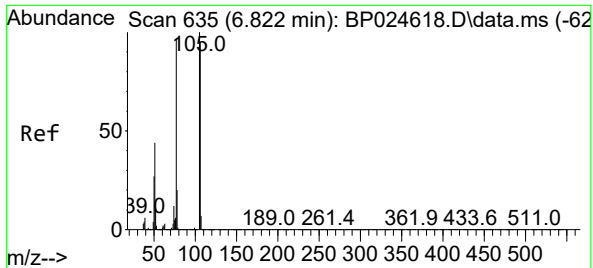
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

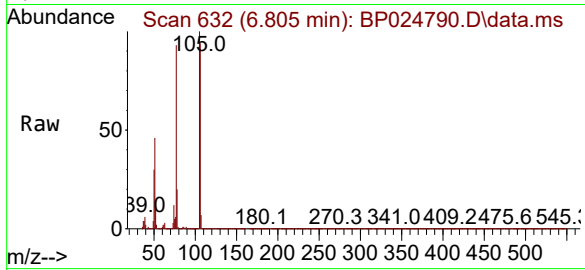
64 39.3 22.3 62.3





#9
Benzaldehyde
Concen: 32.808 ng
RT: 6.805 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

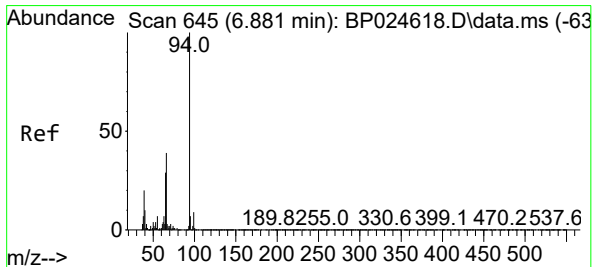
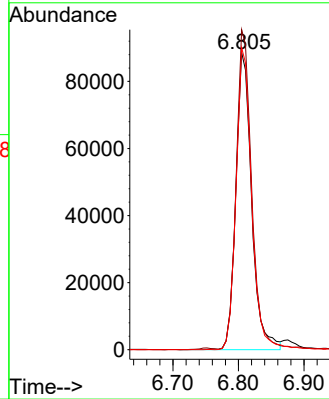
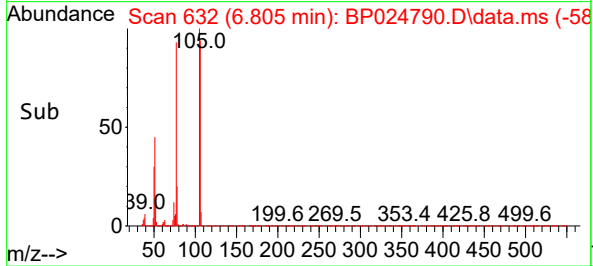
Instrument :
BNA_P
ClientSampleId :
PB168131BS



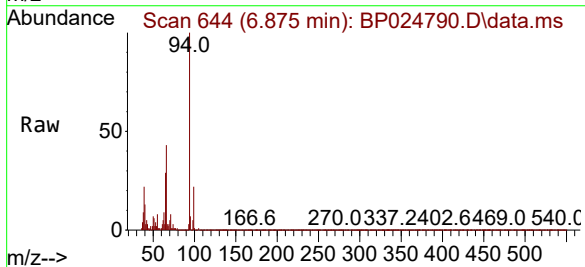
Tgt Ion: 77 Resp: 14821
Ion Ratio Lower Upper
77 100
105 107.7 83.3 123.3
106 101.6 78.0 118.0

Manual Integrations
APPROVED

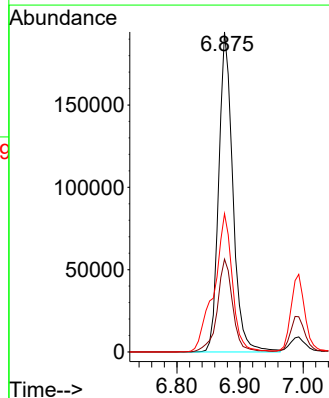
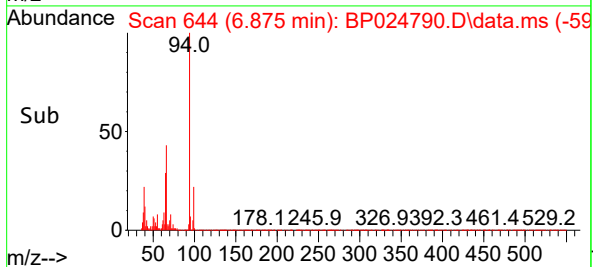
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

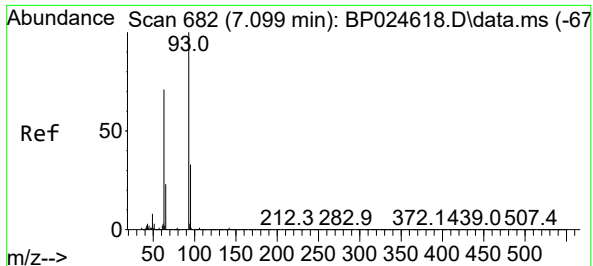


#10
Phenol
Concen: 41.866 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01



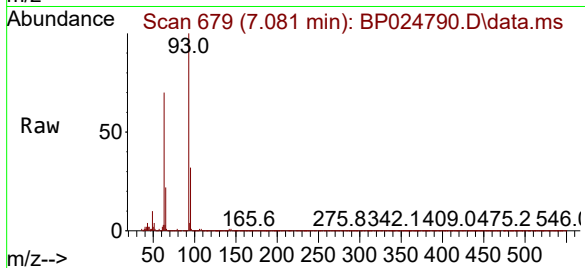
Tgt Ion: 94 Resp: 301554
Ion Ratio Lower Upper
94 100
65 29.0 8.7 48.7
66 43.2 19.4 59.4





#11
bis(2-Chloroethyl)ether
Concen: 36.393 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

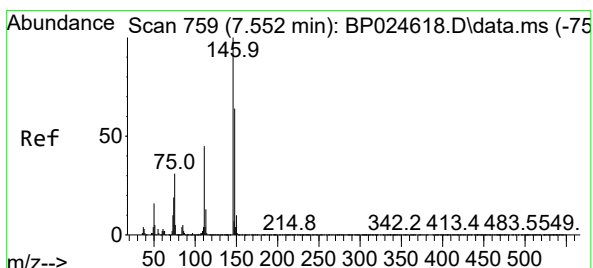
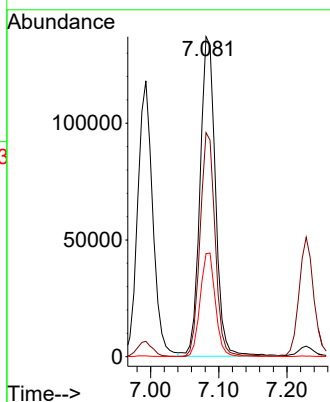
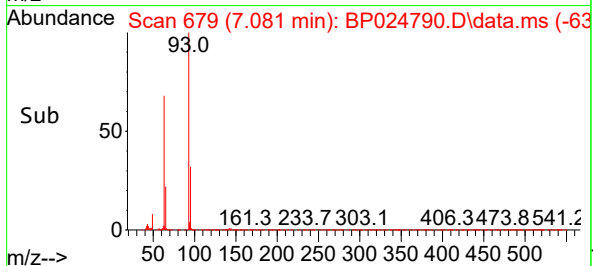
Instrument :
BNA_P
ClientSampleId :
PB168131BS



Tgt Ion: 93 Resp: 215390
Ion Ratio Lower Upper
93 100
63 70.0 50.6 90.6
95 32.2 12.9 52.9

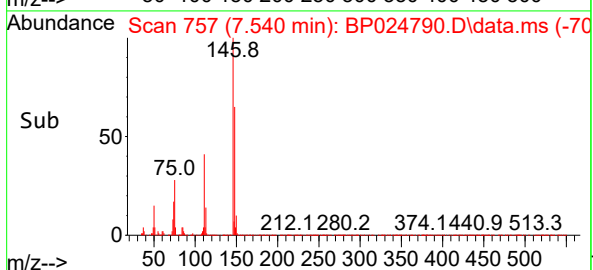
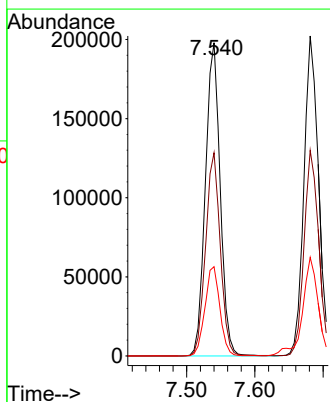
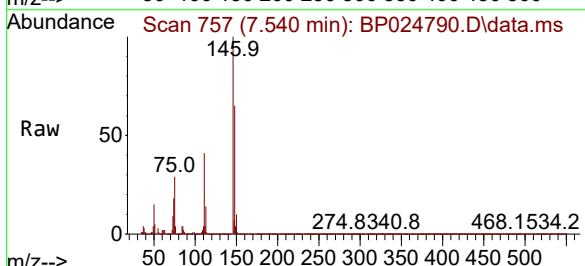
Manual Integrations
APPROVED

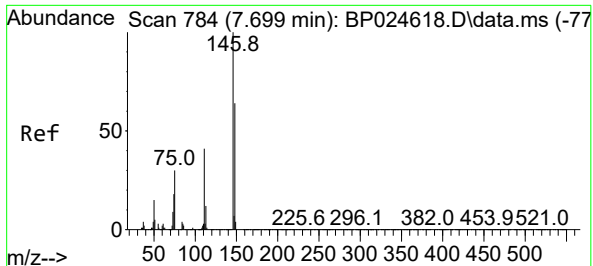
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#12
1,3-Dichlorobenzene
Concen: 41.847 ng
RT: 7.540 min Scan# 757
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

Tgt Ion:146 Resp: 298849
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
75 28.5 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 42.139 ng

RT: 7.681 min Scan# 7

Delta R.T. -0.018 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

Instrument :

BNA_P

ClientSampleId :

PB168131BS

Tgt Ion:146 Resp: 30266

Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

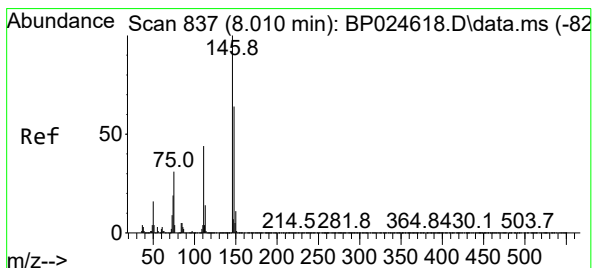
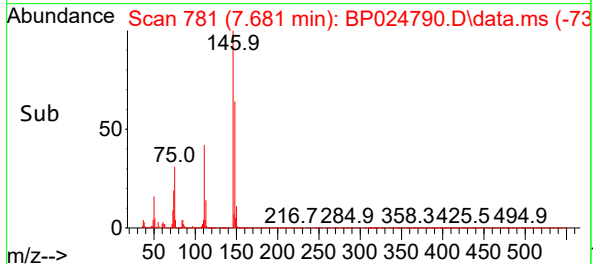
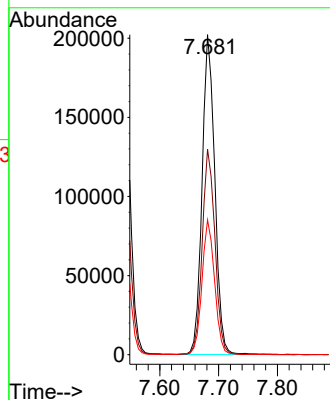
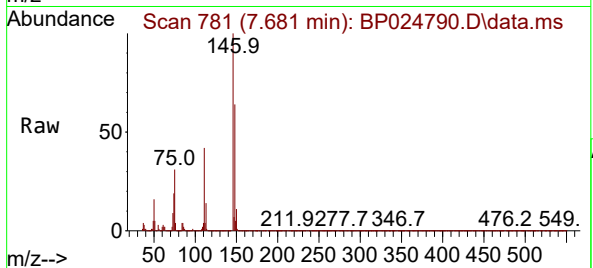
111 42.1 33.0 49.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#14

1,2-Dichlorobenzene

Concen: 41.698 ng

RT: 7.993 min Scan# 834

Delta R.T. -0.018 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

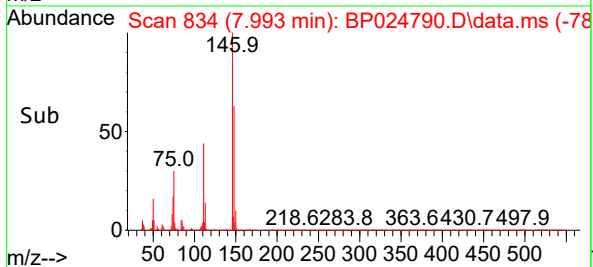
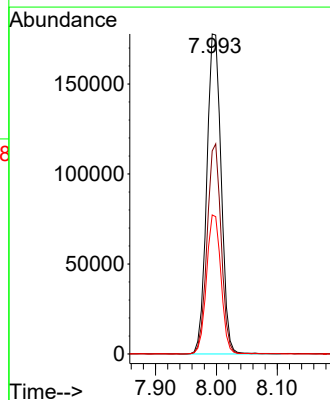
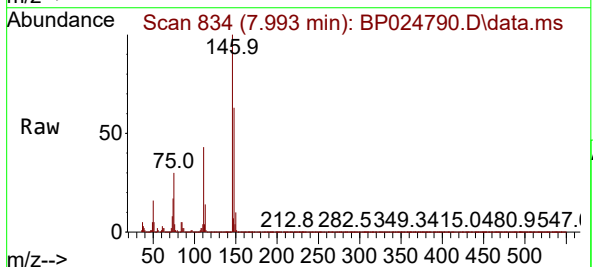
Tgt Ion:146 Resp: 291841

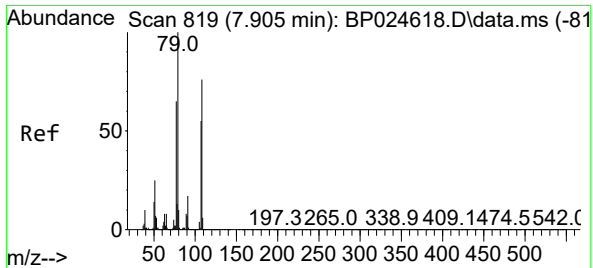
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

111 43.4 35.2 52.8





#15

Benzyl Alcohol

Concen: 40.893 ng

RT: 7.899 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP024790.D

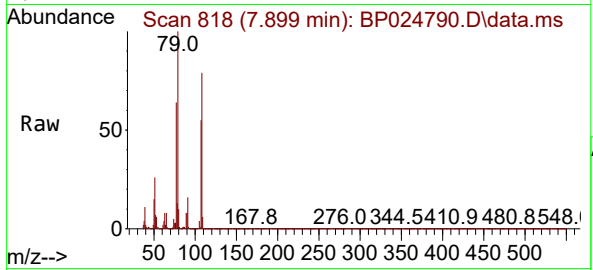
Acq: 23 May 2025 13:01

Instrument :

BNA_P

ClientSampleId :

PB168131BS



Tgt Ion: 79 Resp: 21686

Ion Ratio Lower Upper

79 100

108 78.5 60.8 91.2

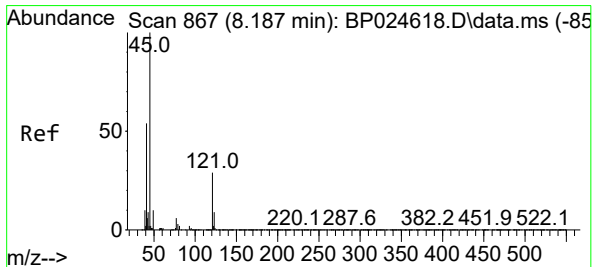
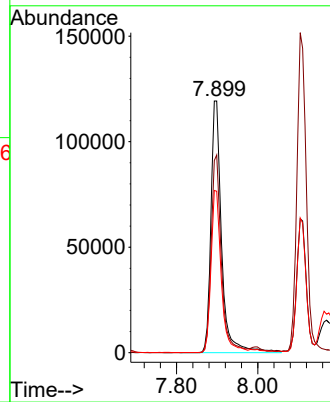
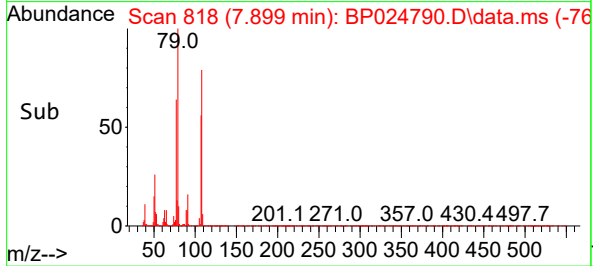
77 64.1 51.9 77.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.047 ng

RT: 8.169 min Scan# 864

Delta R.T. -0.018 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

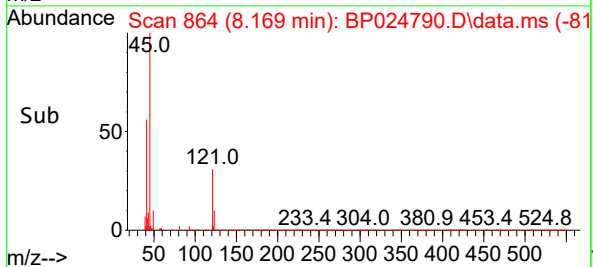
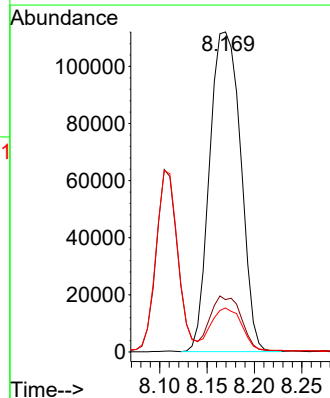
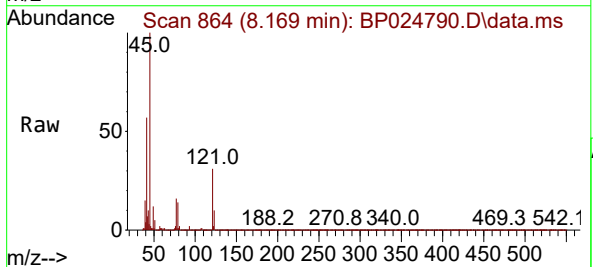
Tgt Ion: 45 Resp: 255499

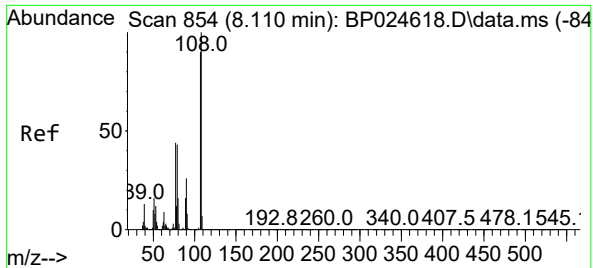
Ion Ratio Lower Upper

45 100

77 16.3 0.0 37.7

79 13.8 0.0 34.0





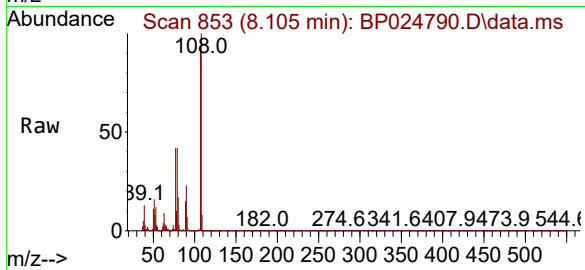
#17
2-Methylphenol
Concen: 42.618 ng
RT: 8.105 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

Instrument :

BNA_P

ClientSampleId :

PB168131BS

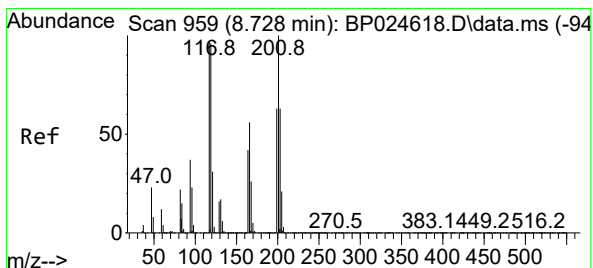
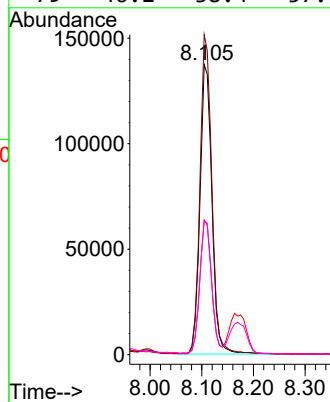
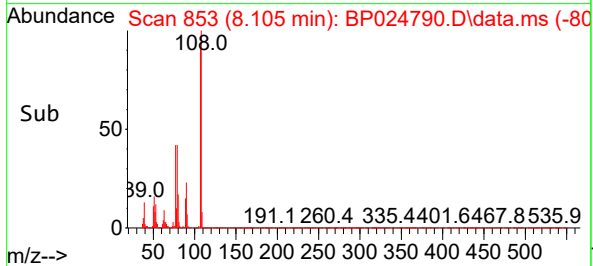


Tgt Ion:107 Resp: 22016
Ion Ratio Lower Upper
107 100
108 110.3 88.9 133.3
77 46.5 39.0 58.6
79 46.2 38.4 57.6

Manual Integrations

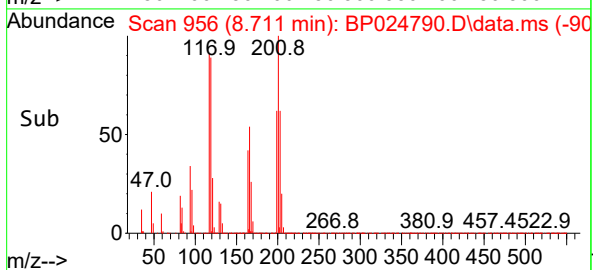
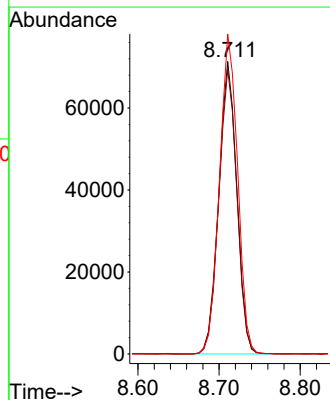
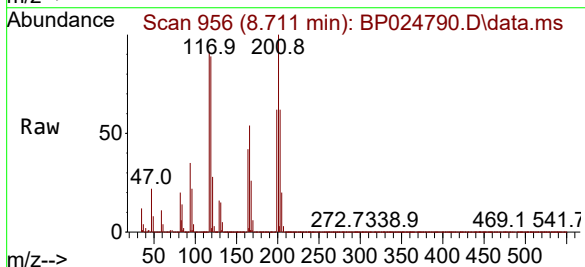
APPROVED

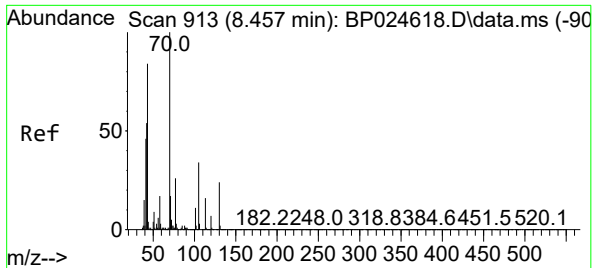
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#18
Hexachloroethane
Concen: 40.192 ng
RT: 8.711 min Scan# 956
Delta R.T. -0.018 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

Tgt Ion:117 Resp: 110626
Ion Ratio Lower Upper
117 100
119 97.4 79.4 119.0
201 109.4 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 35.231 ng

RT: 8.452 min Scan# 913

Delta R.T. -0.006 min

Lab File: BP024790.D

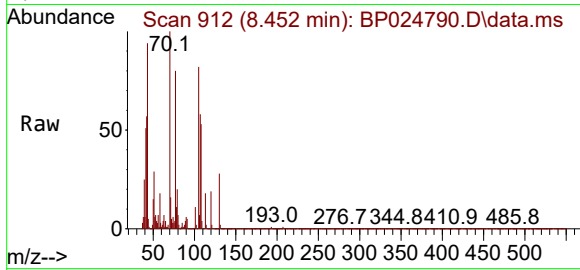
Acq: 23 May 2025 13:01

Instrument :

BNA_P

ClientSampleId :

PB168131BS



Tgt Ion: 70 Resp: 170072

Ion Ratio Lower Upper

70 100

42 57.0 43.0 64.6

101 11.4 8.7 13.1

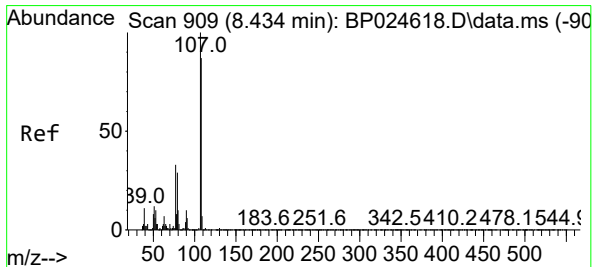
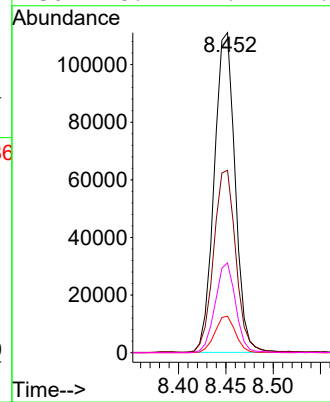
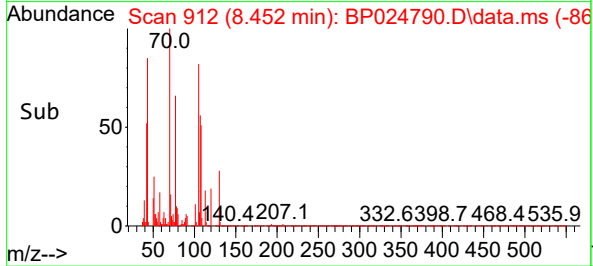
130 28.1 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#20

3+4-Methylphenols

Concen: 41.907 ng

RT: 8.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

Tgt Ion:107 Resp: 294493

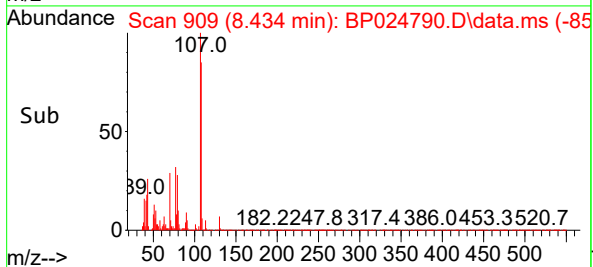
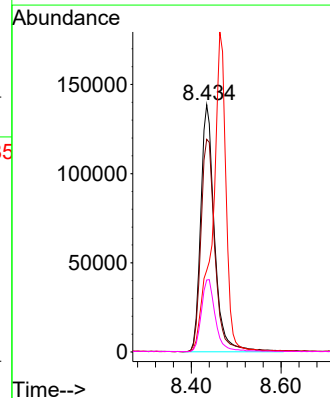
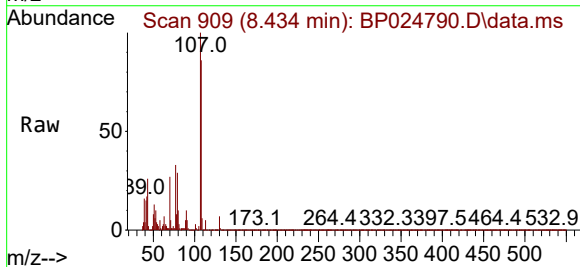
Ion Ratio Lower Upper

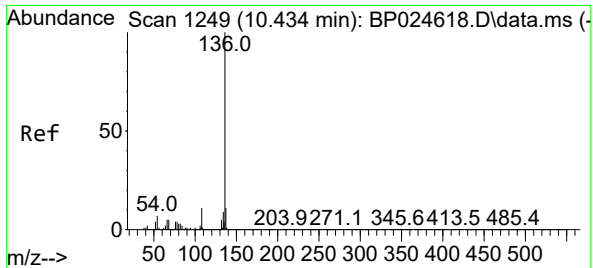
107 100

108 86.0 66.7 106.7

77 33.0 13.1 53.1

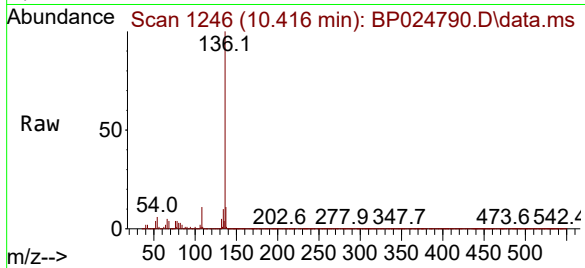
79 29.2 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. -0.018 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

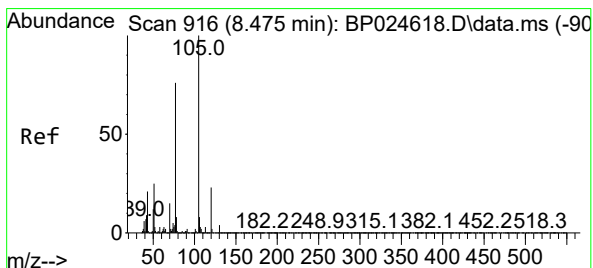
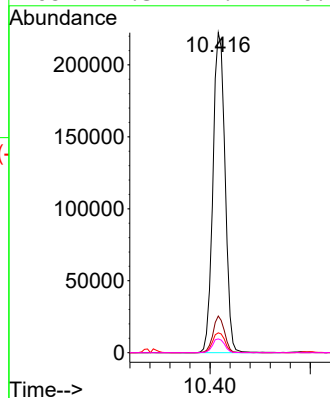
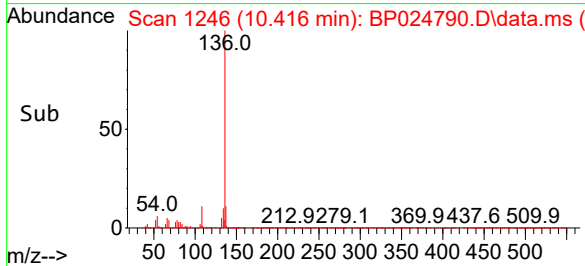
Instrument :
BNA_P
ClientSampleId :
PB168131BS



Tgt Ion:136 Resp: 371862
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.2 5.5 8.3
68 4.3 4.2 6.2

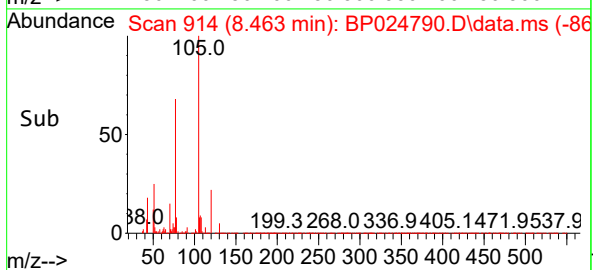
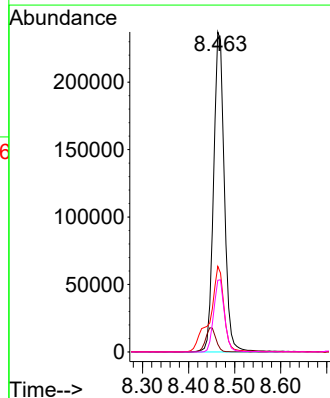
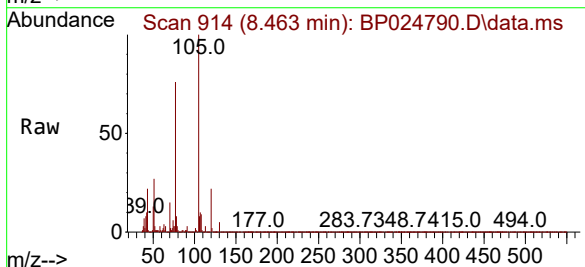
Manual Integrations
APPROVED

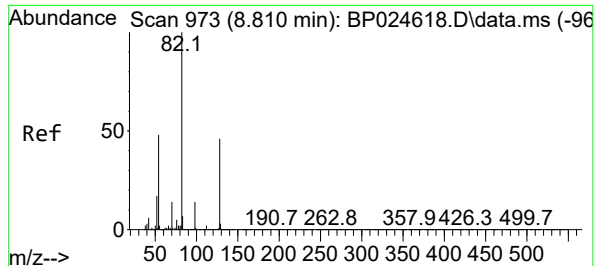
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#22
Acetophenone
Concen: 41.403 ng
RT: 8.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

Tgt Ion:105 Resp: 384590
Ion Ratio Lower Upper
105 100
71 2.4 2.0 3.0
51 26.8 20.4 30.6
120 22.4 18.1 27.1





#23

Nitrobenzene-d5

Concen: 72.220 ng

RT: 8.799 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

Instrument :

BNA_P

ClientSampleId :

PB168131BS

Tgt Ion: 82 Resp: 531519

Ion Ratio Lower Upper

82 100

128 49.2 37.0 55.4

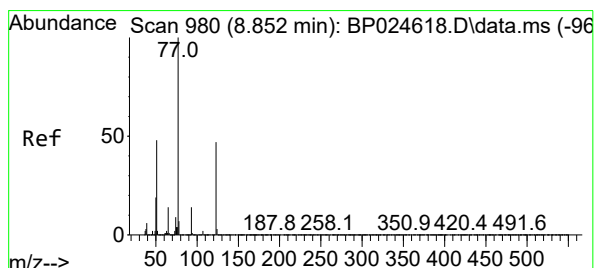
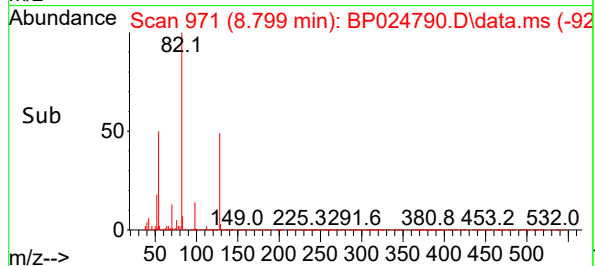
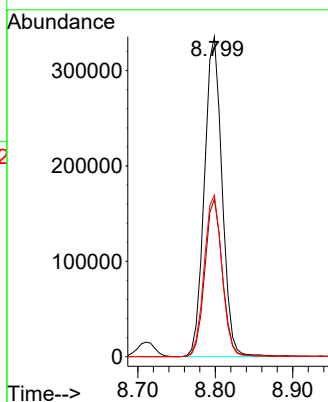
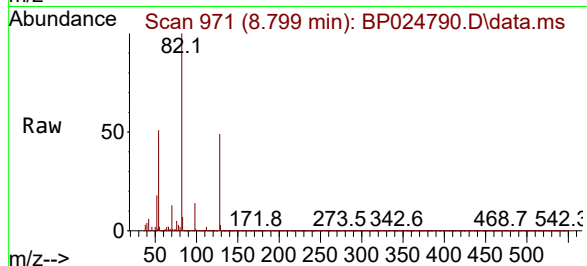
54 50.5 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#24

Nitrobenzene

Concen: 39.707 ng

RT: 8.840 min Scan# 978

Delta R.T. -0.012 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

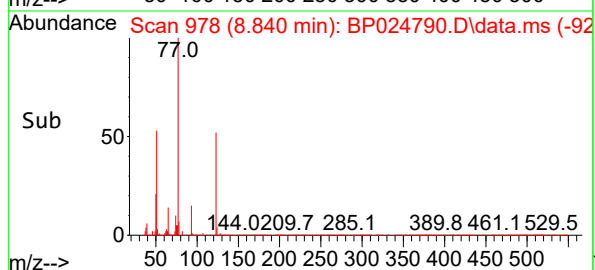
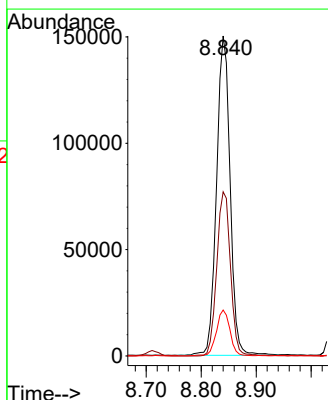
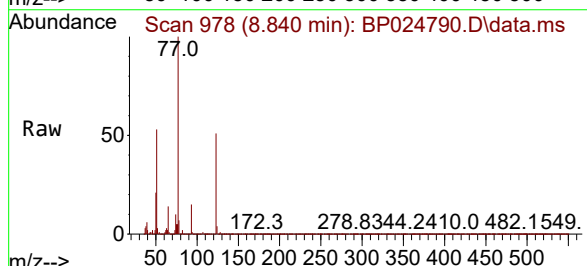
Tgt Ion: 77 Resp: 257173

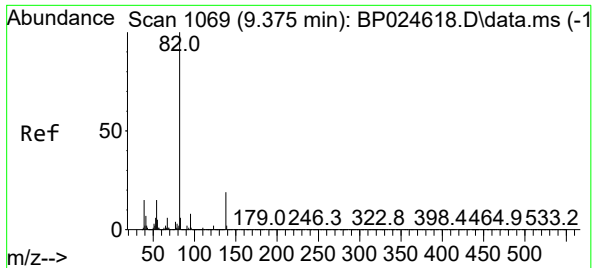
Ion Ratio Lower Upper

77 100

123 51.3 37.4 56.0

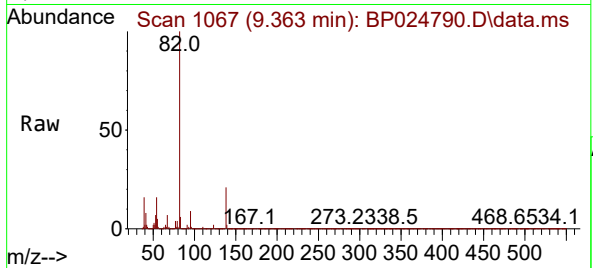
65 14.4 11.3 16.9





#25
Isophorone
Concen: 37.983 ng
RT: 9.363 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

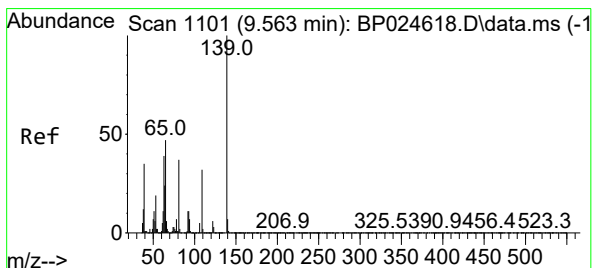
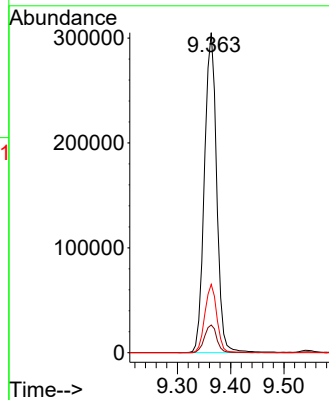
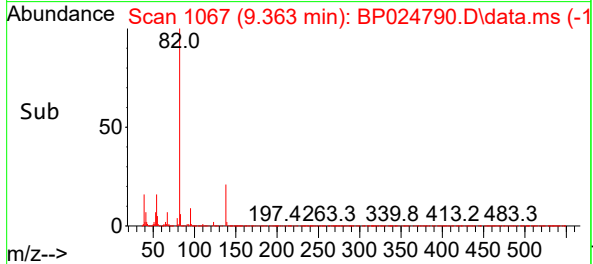
Instrument :
BNA_P
ClientSampleId :
PB168131BS



Tgt Ion: 82 Resp: 484904
Ion Ratio Lower Upper
82 100
95 8.6 6.3 9.5
138 21.4 15.3 22.9

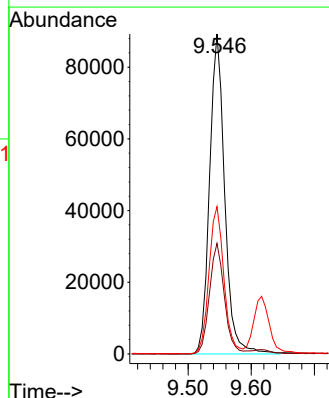
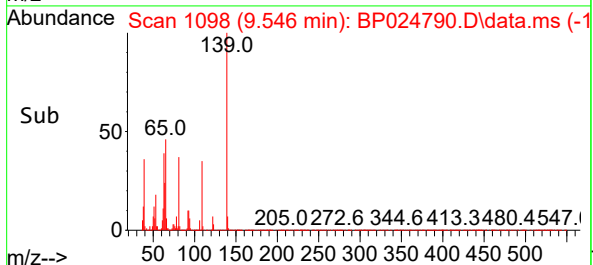
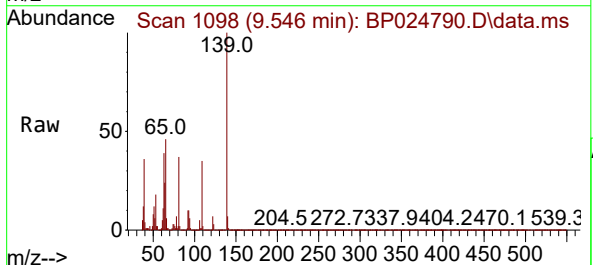
Manual Integrations
APPROVED

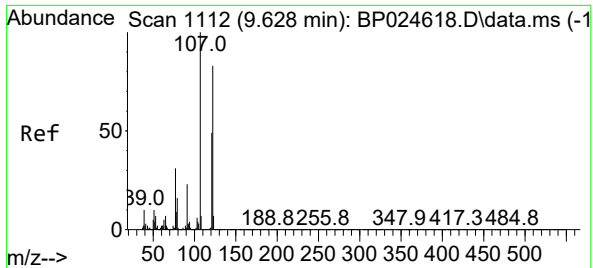
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#26
2-Nitrophenol
Concen: 46.632 ng
RT: 9.546 min Scan# 1098
Delta R.T. -0.018 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

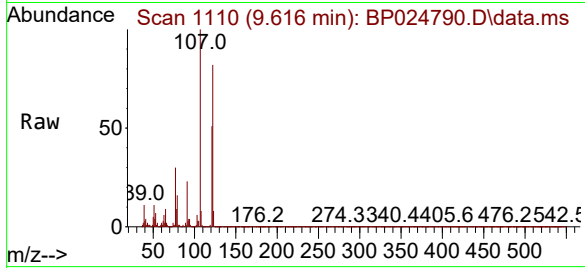
Tgt Ion:139 Resp: 147995
Ion Ratio Lower Upper
139 100
109 34.6 25.9 38.9
65 46.1 37.9 56.9





#27
2,4-Dimethylphenol
Concen: 45.832 ng
RT: 9.616 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

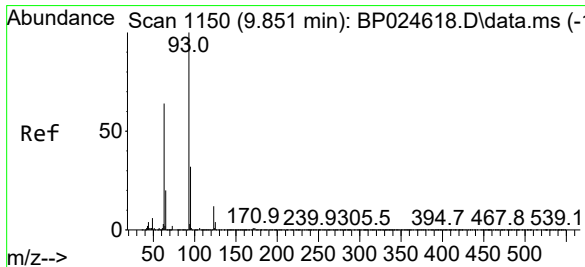
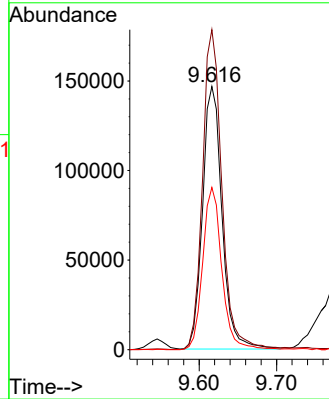
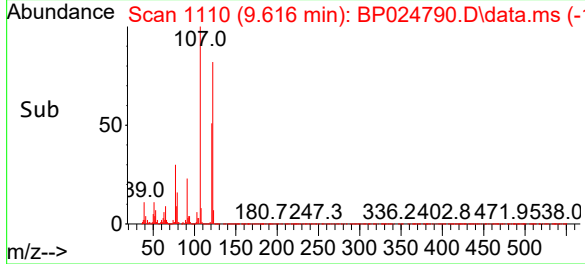
Instrument :
BNA_P
ClientSampleId :
PB168131BS



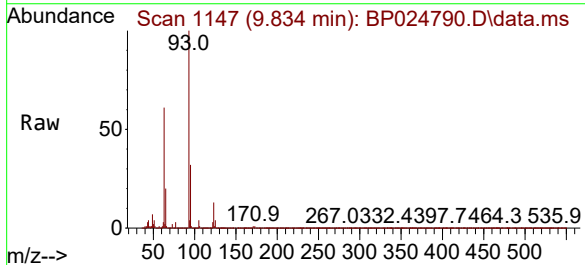
Tgt Ion: 122 Resp: 256454
Ion Ratio Lower Upper
122 100
107 121.6 96.2 144.2
121 61.7 47.6 71.4

Manual Integrations
APPROVED

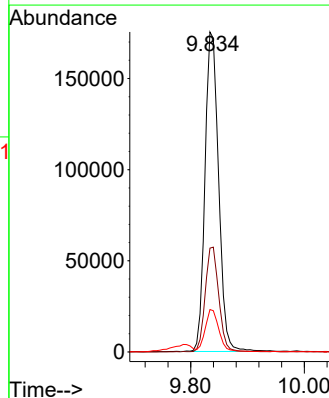
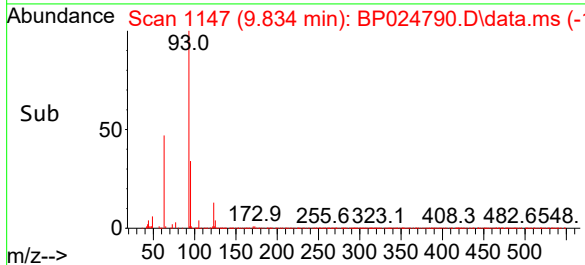
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

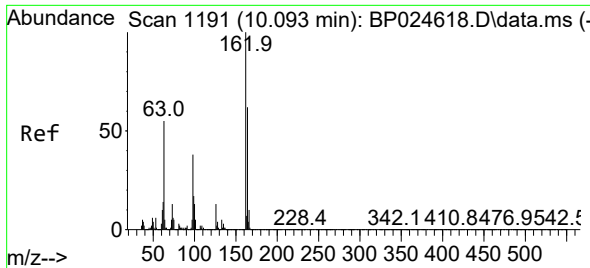


#28
bis(2-Chloroethoxy)methane
Concen: 38.173 ng
RT: 9.834 min Scan# 1147
Delta R.T. -0.018 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01



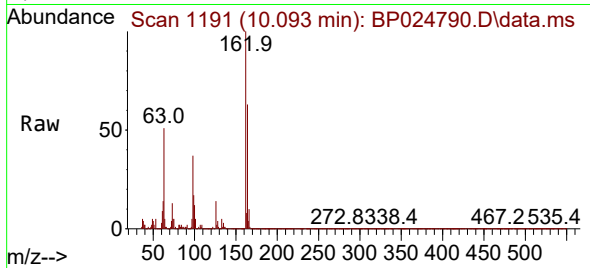
Tgt Ion: 93 Resp: 291154
Ion Ratio Lower Upper
93 100
95 32.5 25.5 38.3
123 13.3 9.7 14.5





#29
2,4-Dichlorophenol
Concen: 48.053 ng
RT: 10.093 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

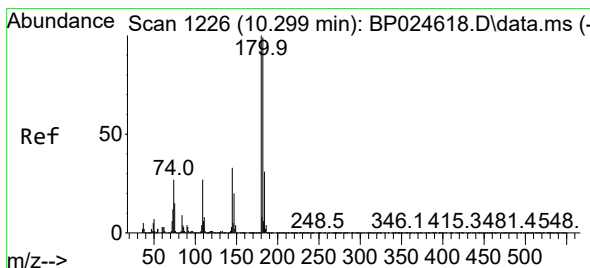
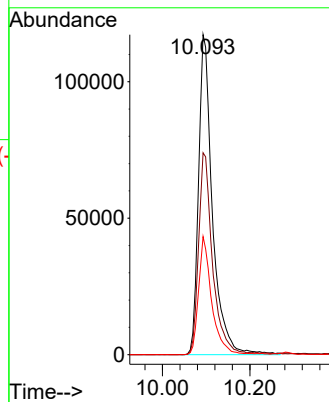
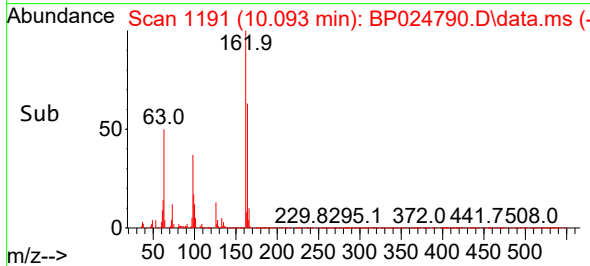
Instrument :
BNA_P
ClientSampleId :
PB168131BS



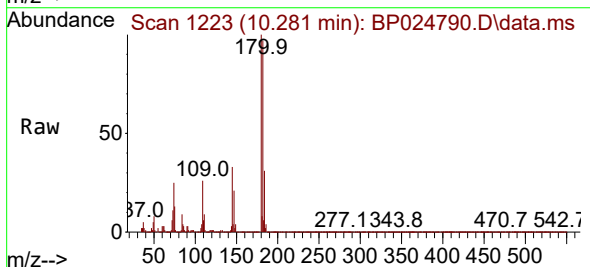
Tgt Ion:162 Resp: 260562
Ion Ratio Lower Upper
162 100
164 63.1 42.3 82.3
98 36.9 18.4 58.4

Manual Integrations
APPROVED

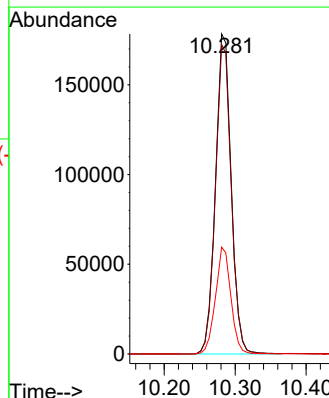
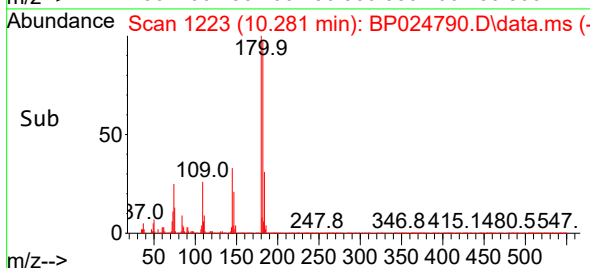
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

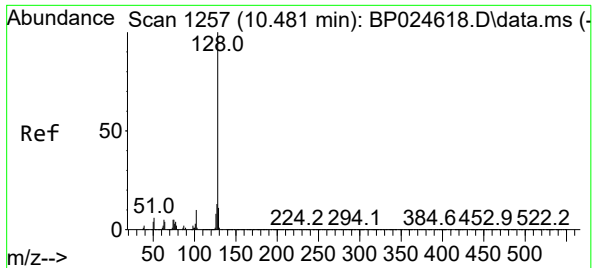


#30
1,2,4-Trichlorobenzene
Concen: 44.798 ng
RT: 10.281 min Scan# 1223
Delta R.T. -0.018 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01



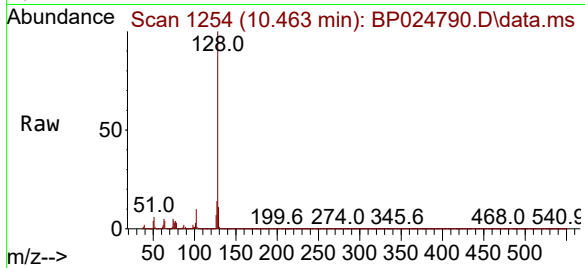
Tgt Ion:180 Resp: 273730
Ion Ratio Lower Upper
180 100
182 96.7 79.0 118.4
145 33.4 26.6 39.8





#31
Naphthalene
Concen: 43.148 ng
RT: 10.463 min Scan# 1140
Delta R.T. -0.018 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

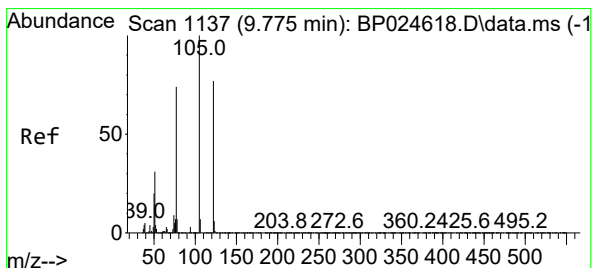
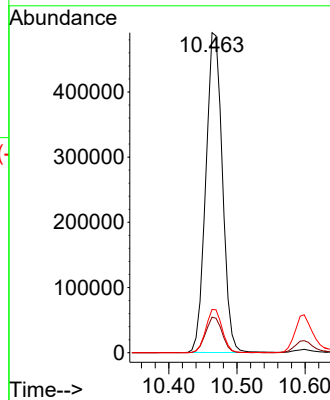
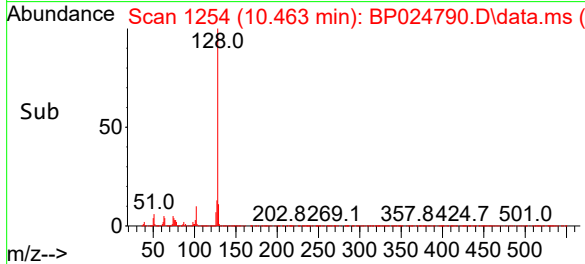
Instrument :
BNA_P
ClientSampleId :
PB168131BS



Tgt Ion:128 Resp: 831469
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.7 16.1

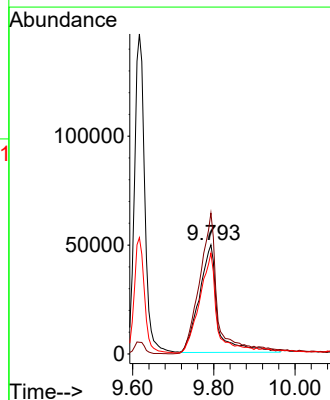
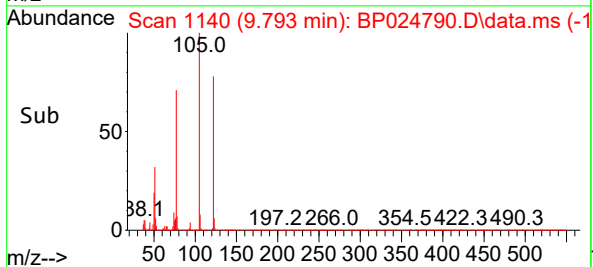
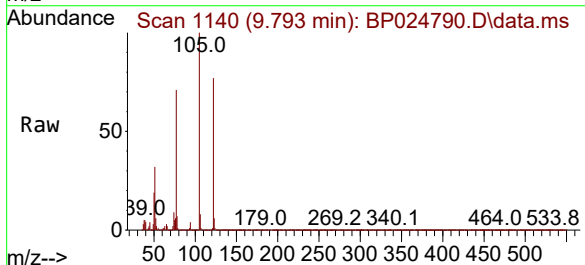
Manual Integrations
APPROVED

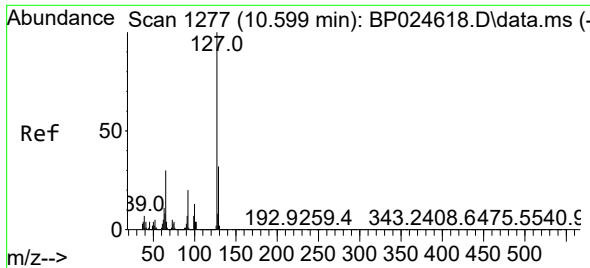
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#32
Benzoic acid
Concen: 41.364 ng
RT: 9.793 min Scan# 1140
Delta R.T. 0.018 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

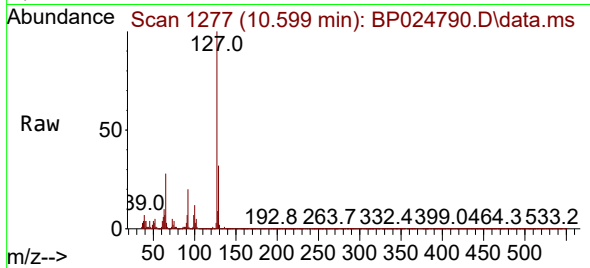
Tgt Ion:122 Resp: 156368
Ion Ratio Lower Upper
122 100
105 129.2 106.9 146.9
77 92.3 75.1 115.1





#33
4-Chloroaniline
Concen: 14.872 ng
RT: 10.599 min Scan# 11564
Delta R.T. 0.000 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

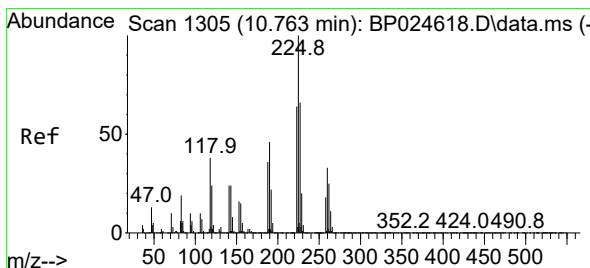
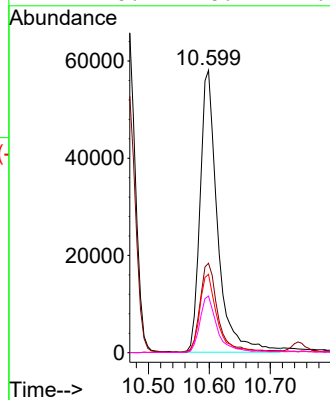
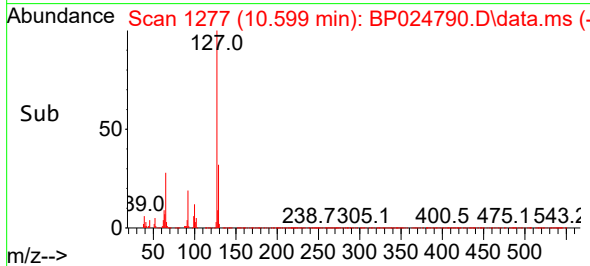
Instrument :
BNA_P
ClientSampleId :
PB168131BS



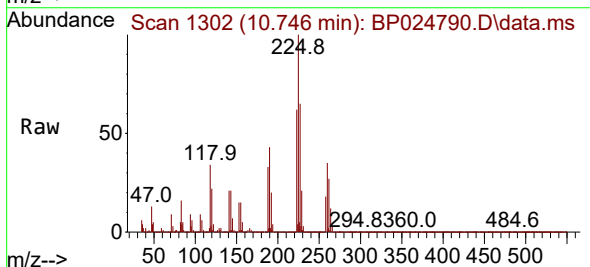
Tgt Ion:127 Resp: 11564
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.6
65 27.8 23.9 35.9
92 20.1 16.1 24.1

Manual Integrations
APPROVED

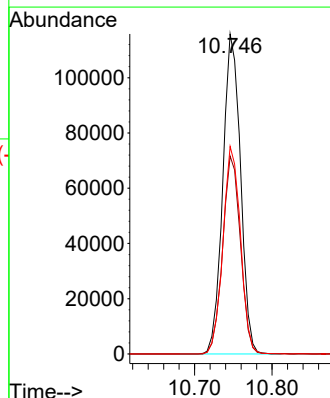
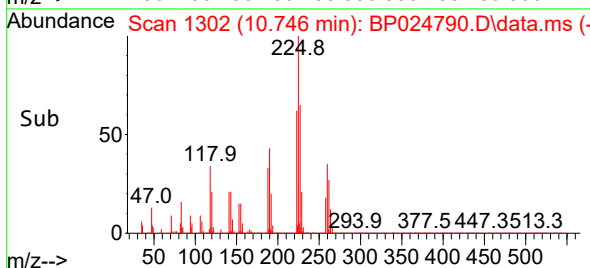
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

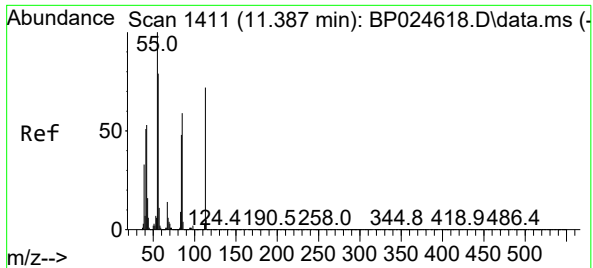


#34
Hexachlorobutadiene
Concen: 46.384 ng
RT: 10.746 min Scan# 1302
Delta R.T. -0.018 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01



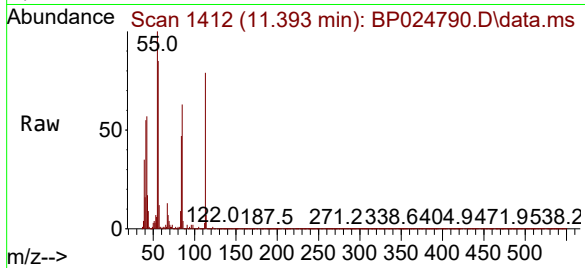
Tgt Ion:225 Resp: 183605
Ion Ratio Lower Upper
225 100
223 61.8 51.0 76.6
227 64.8 53.1 79.7





#35
Caprolactam
Concen: 44.726 ng
RT: 11.393 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

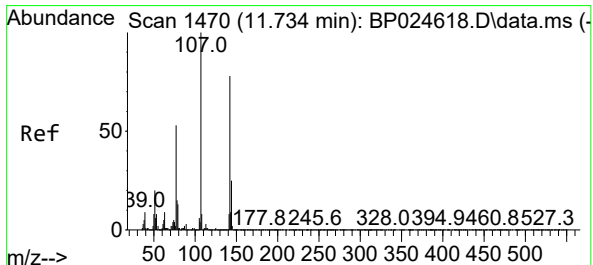
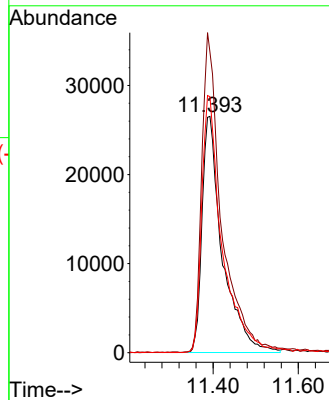
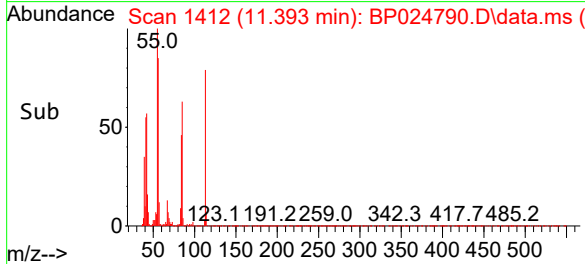
Instrument :
BNA_P
ClientSampleId :
PB168131BS



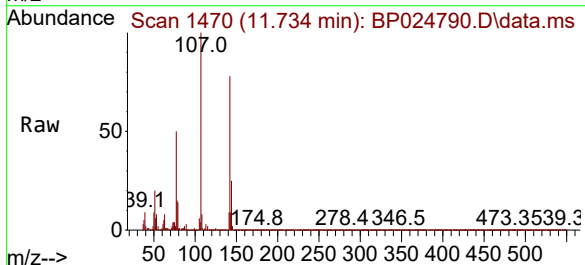
Tgt Ion:113 Resp: 87745
Ion Ratio Lower Upper
113 100
55 127.1 119.0 159.0
56 108.3 90.3 130.3

Manual Integrations
APPROVED

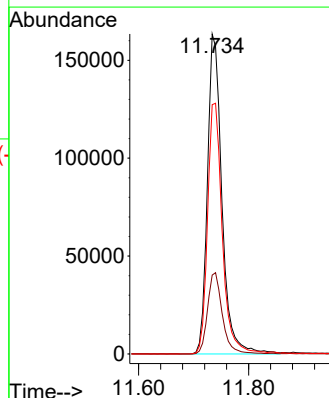
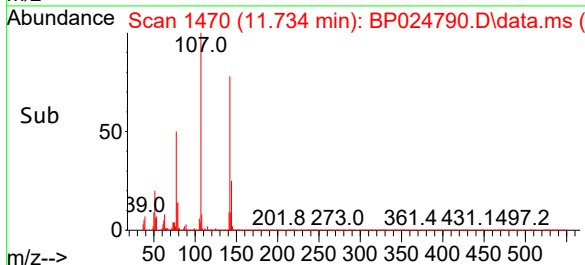
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

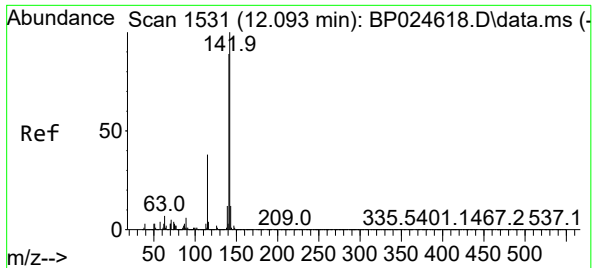


#36
4-Chloro-3-methylphenol
Concen: 45.230 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01



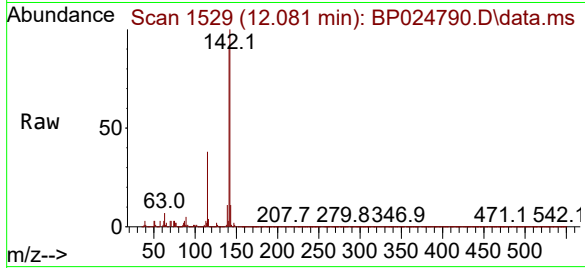
Tgt Ion:107 Resp: 299087
Ion Ratio Lower Upper
107 100
144 24.6 20.1 30.1
142 77.9 62.1 93.1





#37
2-Methylnaphthalene
Concen: 42.960 ng
RT: 12.081 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

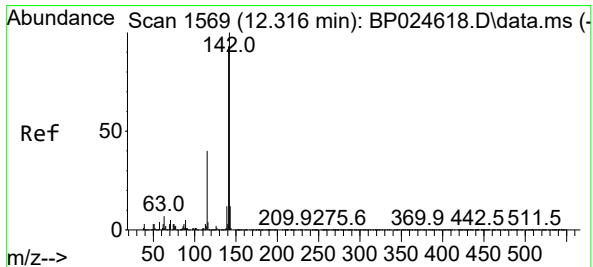
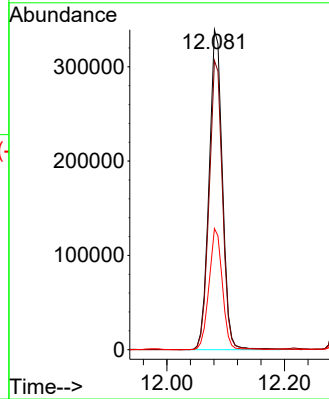
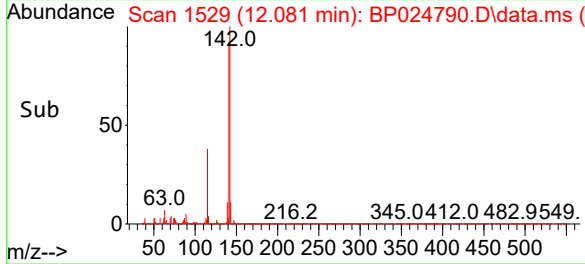
Instrument :
BNA_P
ClientSampleId :
PB168131BS



Tgt Ion:142 Resp: 536037
Ion Ratio Lower Upper
142 100
141 90.4 71.2 106.8
115 37.9 30.6 46.0

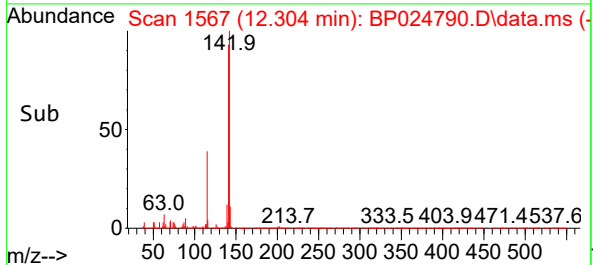
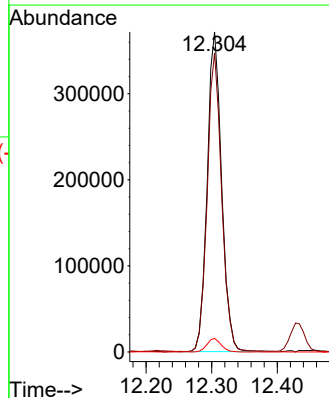
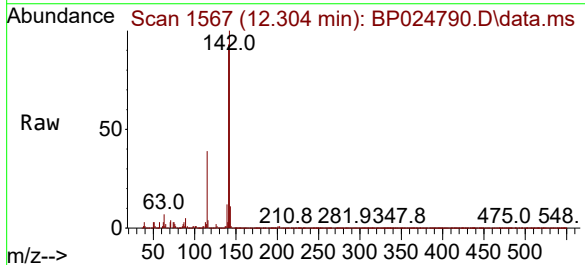
Manual Integrations
APPROVED

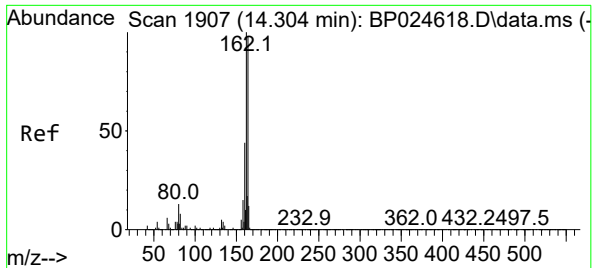
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#38
1-Methylnaphthalene
Concen: 42.547 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

Tgt Ion:142 Resp: 568037
Ion Ratio Lower Upper
142 100
141 93.5 74.7 112.1
116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.281 min Scan# 1903

Delta R.T. -0.023 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

Instrument :

BNA_P

ClientSampleId :

PB168131BS

Tgt Ion:164 Resp: 250920

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.6

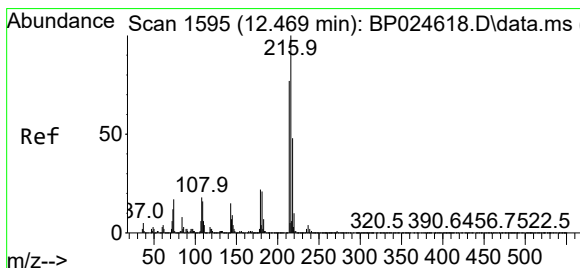
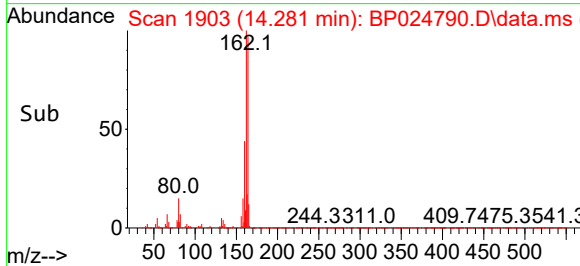
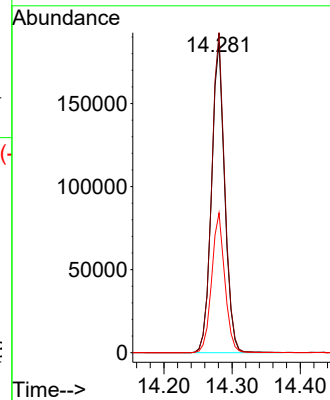
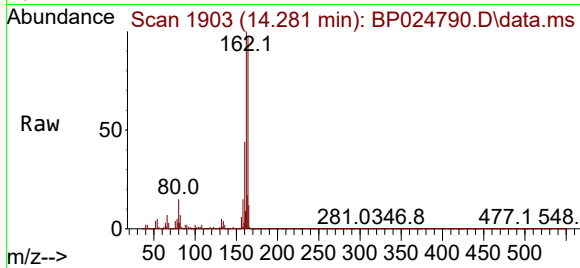
160 45.0 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.124 ng

RT: 12.457 min Scan# 1593

Delta R.T. -0.012 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

Tgt Ion:216 Resp: 321506

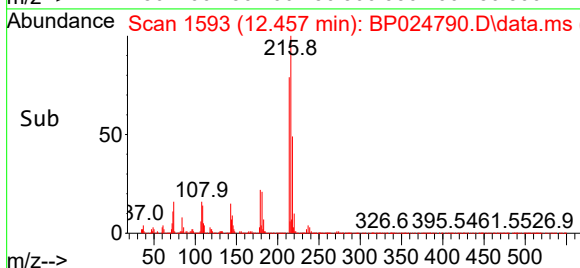
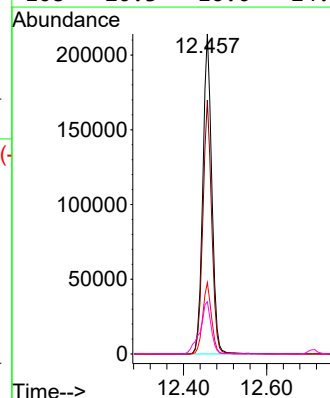
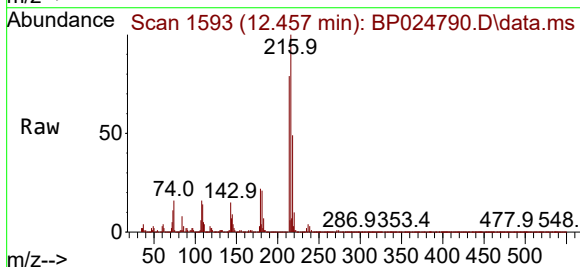
Ion Ratio Lower Upper

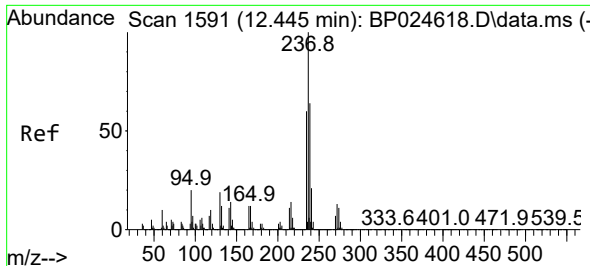
216 100

214 77.9 62.3 93.5

179 21.8 17.7 26.5

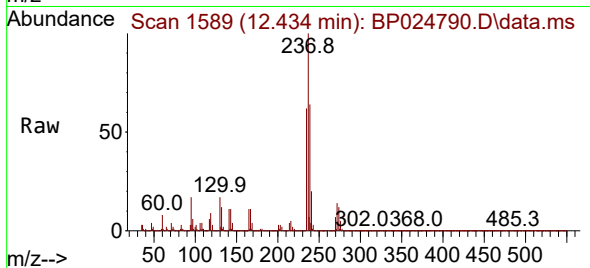
108 20.3 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 99.284 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

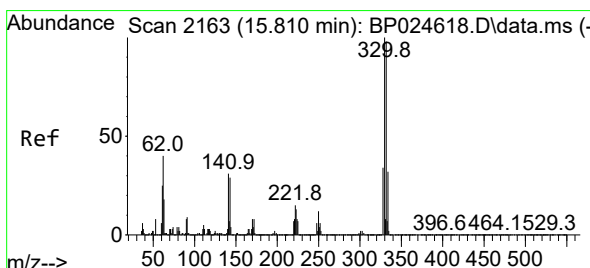
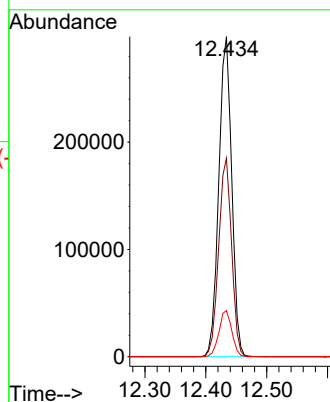
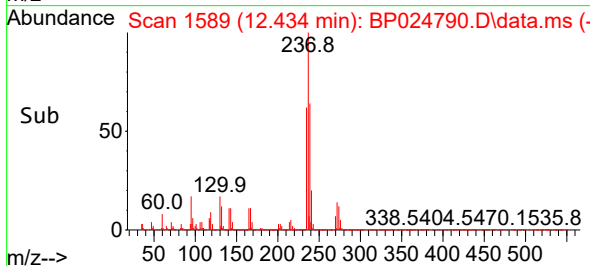
Instrument :
BNA_P
ClientSampleId :
PB168131BS



Tgt Ion: 237 Resp: 43866
Ion Ratio Lower Upper
237 100
235 62.0 39.9 79.9
272 14.4 0.0 33.2

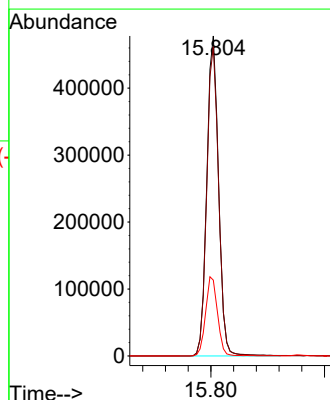
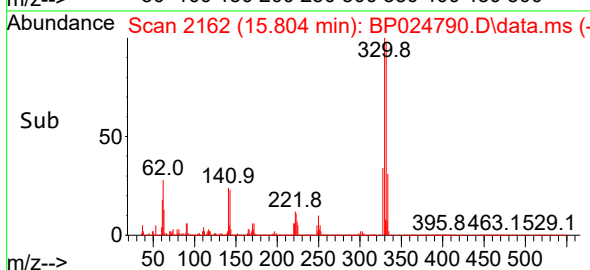
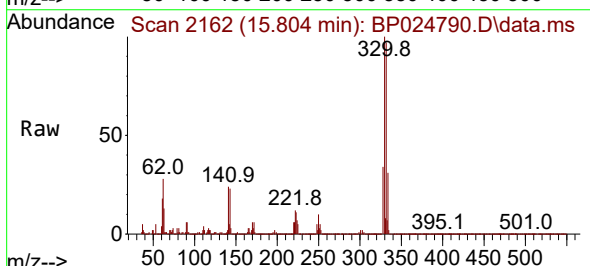
Manual Integrations
APPROVED

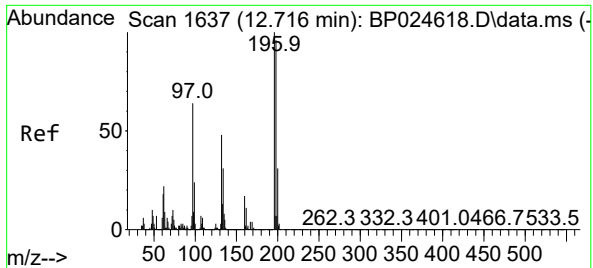
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#42
2,4,6-Tribromophenol
Concen: 160.763 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

Tgt Ion: 330 Resp: 683855
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.4
141 25.2 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 47.964 ng

RT: 12.710 min Scan# 1636

Delta R.T. -0.006 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

Instrument :

BNA_P

ClientSampleId :

PB168131BS

Tgt Ion:196 Resp: 22636

Ion Ratio Lower Upper

196 100

198 96.0 76.9 115.3

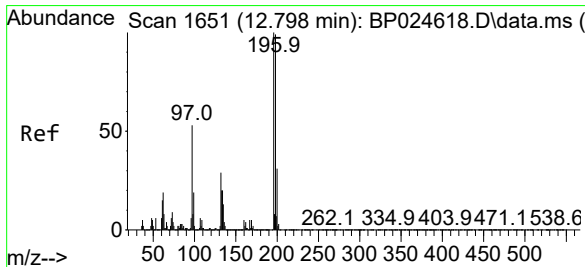
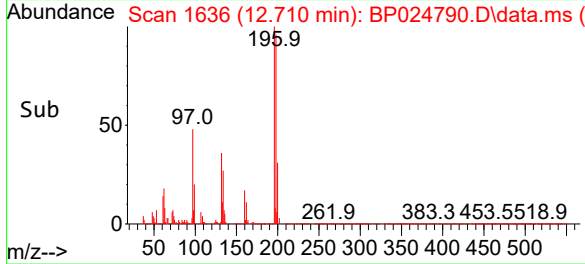
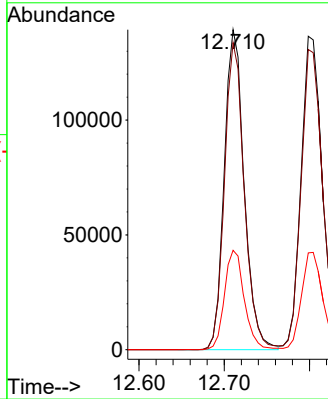
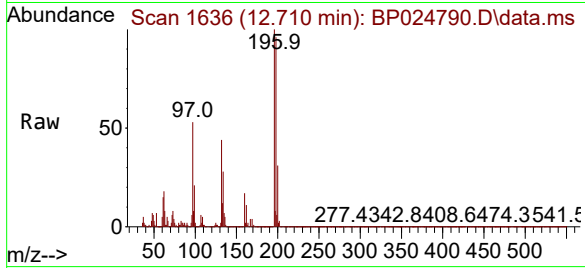
200 31.1 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#44

2,4,5-Trichlorophenol

Concen: 47.824 ng

RT: 12.799 min Scan# 1651

Delta R.T. 0.000 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

Tgt Ion:196 Resp: 251236

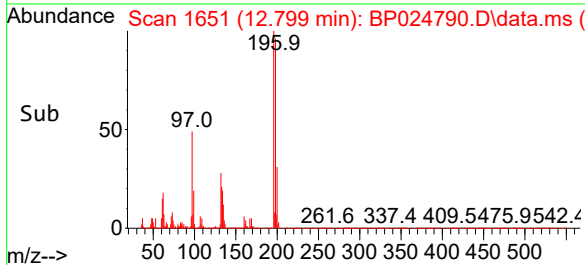
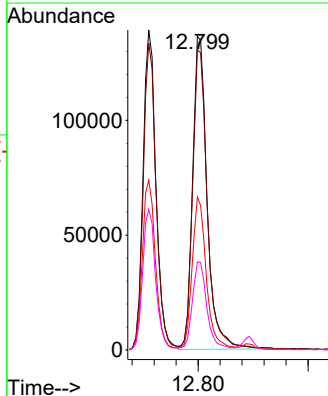
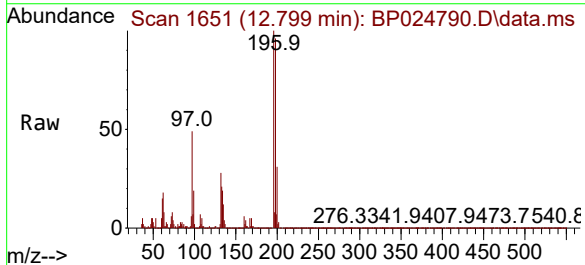
Ion Ratio Lower Upper

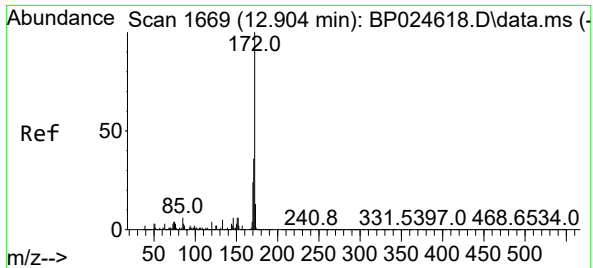
196 100

198 95.8 79.2 118.8

97 48.8 42.3 63.5

132 28.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 75.635 ng

RT: 12.893 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

Instrument :

BNA_P

ClientSampleId :

PB168131BS

Tgt Ion:172 Resp: 144859

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

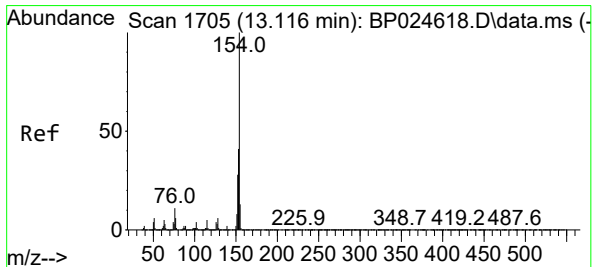
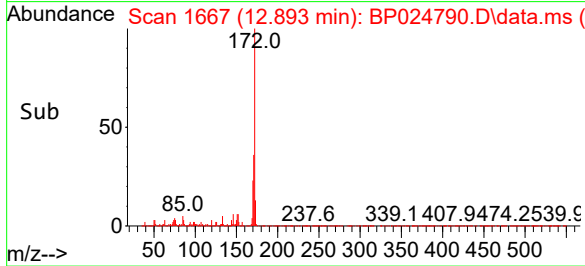
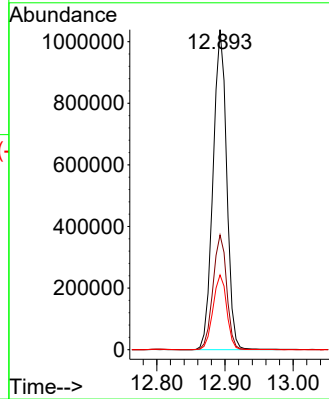
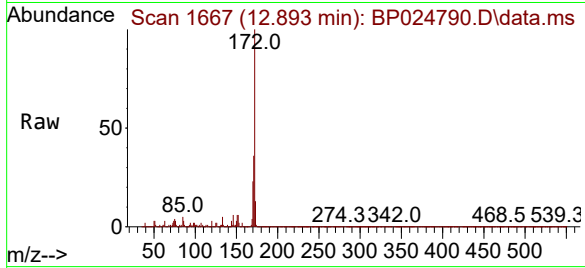
170 23.4 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#46

1,1'-Biphenyl

Concen: 42.755 ng

RT: 13.104 min Scan# 1703

Delta R.T. -0.012 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

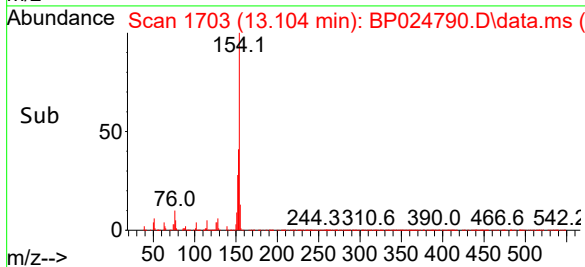
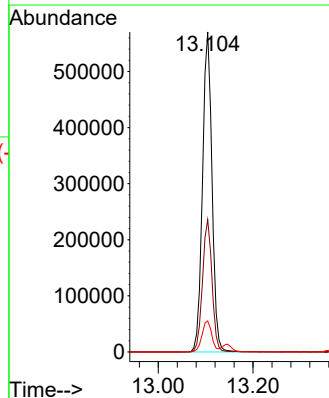
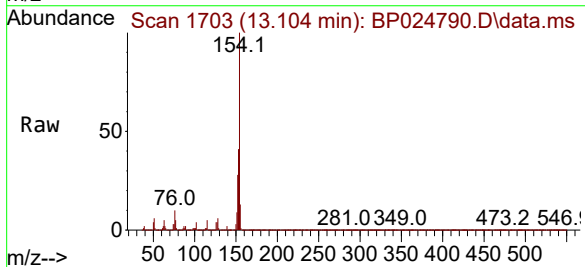
Tgt Ion:154 Resp: 792925

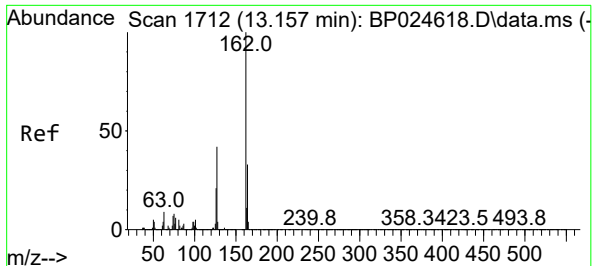
Ion Ratio Lower Upper

154 100

153 41.4 21.0 61.0

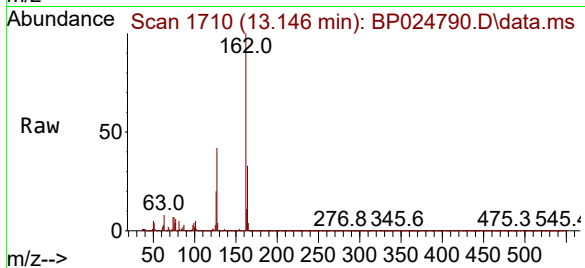
76 9.7 0.0 31.5





#47
2-Chloronaphthalene
Concen: 43.199 ng
RT: 13.146 min Scan# 1710
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

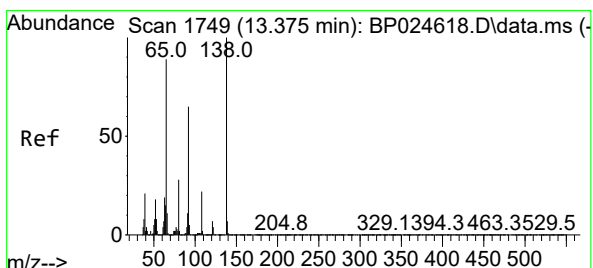
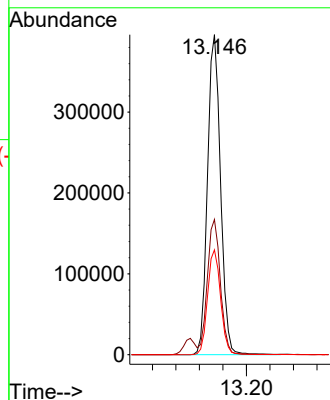
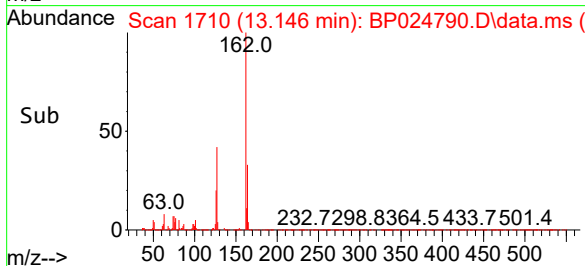
Instrument :
BNA_P
ClientSampleId :
PB168131BS



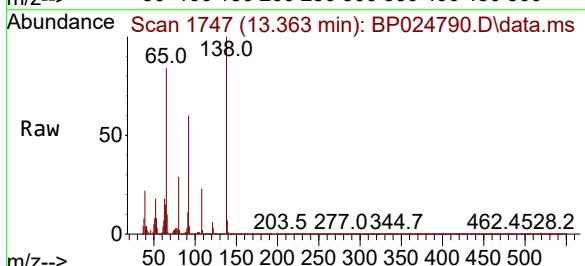
Tgt Ion: 162 Resp: 61086
Ion Ratio Lower Upper
162 100
127 42.3 33.8 50.6
164 32.7 26.0 39.0

Manual Integrations
APPROVED

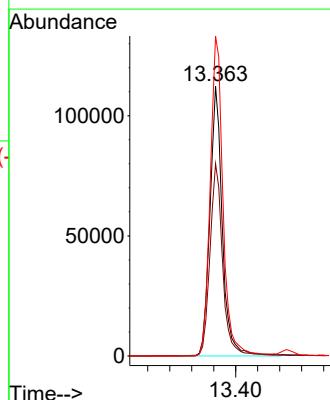
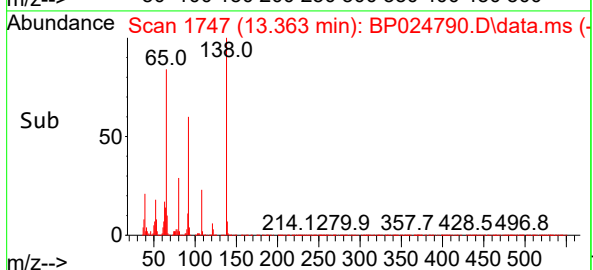
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

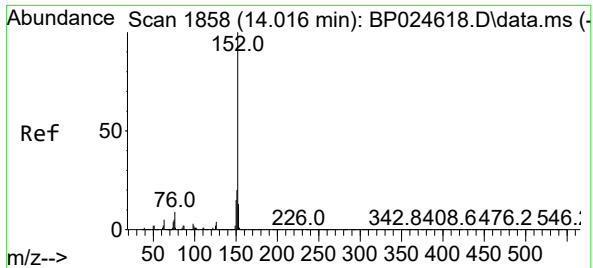


#48
2-Nitroaniline
Concen: 42.100 ng
RT: 13.363 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01



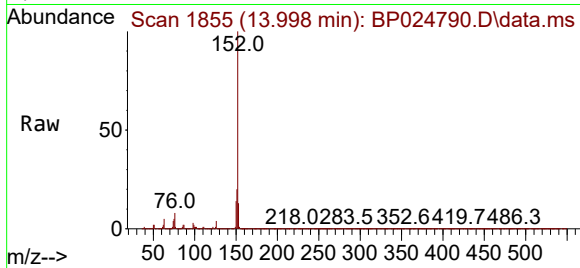
Tgt Ion: 65 Resp: 176251
Ion Ratio Lower Upper
65 100
92 71.2 58.7 88.1
138 118.5 90.2 135.2





#49
Acenaphthylene
Concen: 43.314 ng
RT: 13.998 min Scan# 1855
Delta R.T. -0.018 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

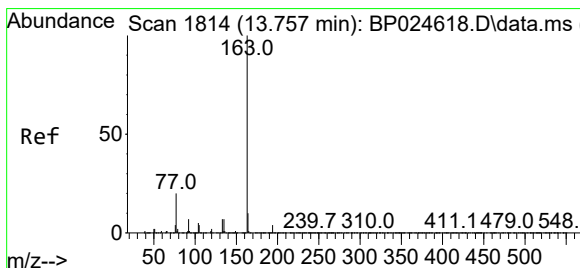
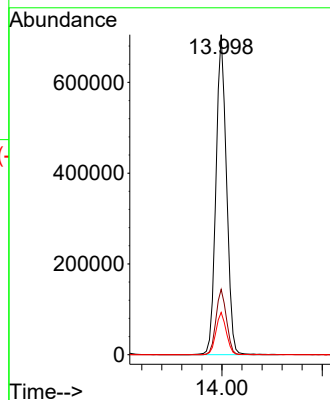
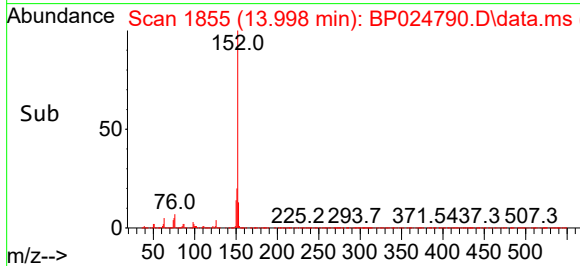
Instrument :
BNA_P
ClientSampleId :
PB168131BS



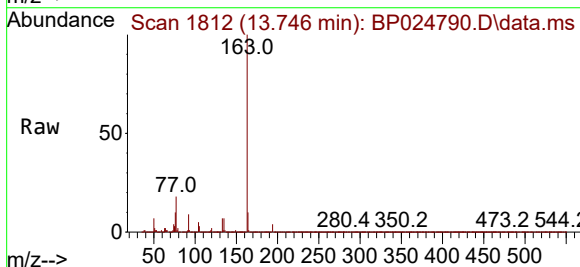
Tgt Ion:152 Resp: 102499
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.2 10.2 15.4

Manual Integrations
APPROVED

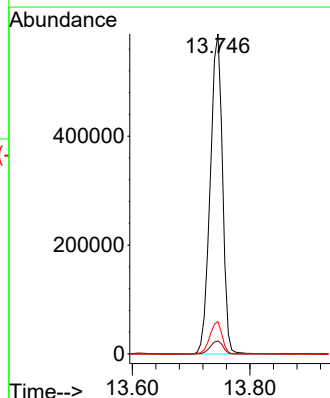
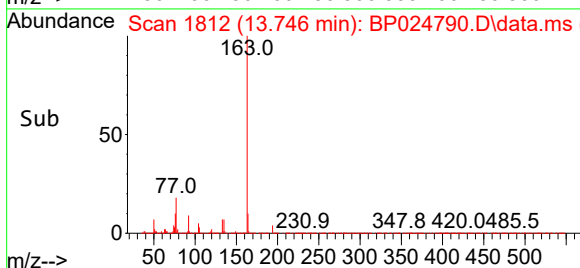
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

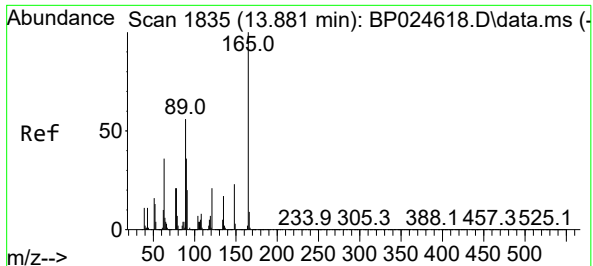


#50
Dimethylphthalate
Concen: 44.631 ng
RT: 13.746 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01



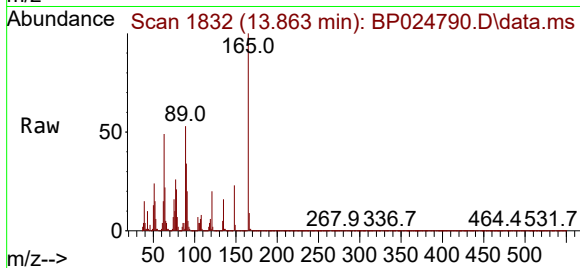
Tgt Ion:163 Resp: 853576
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 45.257 ng
RT: 13.863 min Scan# 1832
Delta R.T. -0.018 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

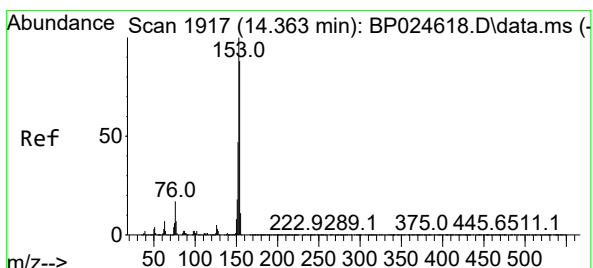
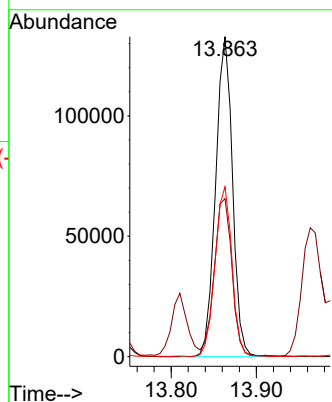
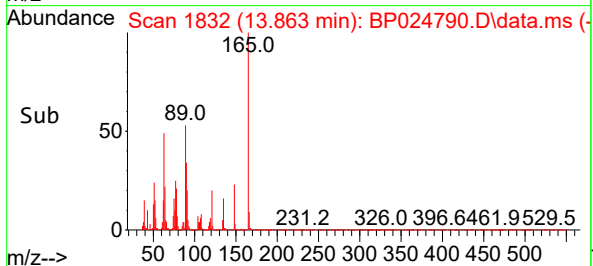
Instrument :
BNA_P
ClientSampleId :
PB168131BS



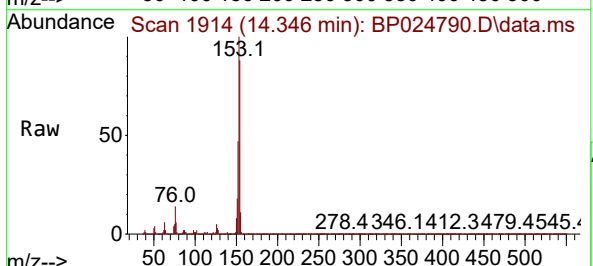
Tgt Ion:165 Resp: 18280
Ion Ratio Lower Upper
165 100
63 49.4 42.4 63.6
89 53.1 44.8 67.2

Manual Integrations
APPROVED

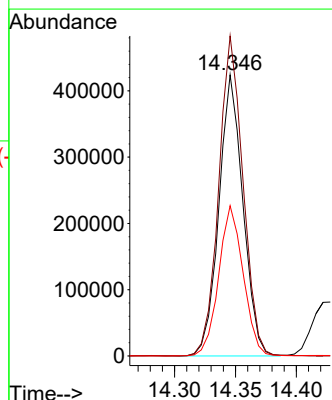
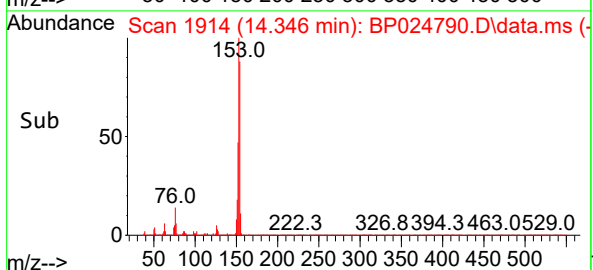
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

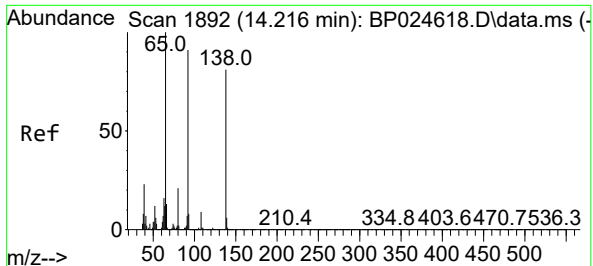


#52
Acenaphthene
Concen: 42.800 ng
RT: 14.346 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01



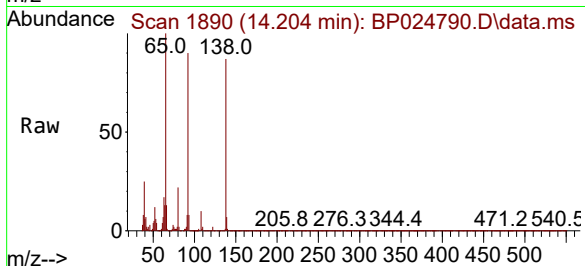
Tgt Ion:154 Resp: 582259
Ion Ratio Lower Upper
154 100
153 113.8 91.0 136.4
152 53.5 42.9 64.3





#53
3-Nitroaniline
Concen: 19.775 ng
RT: 14.204 min Scan# 1892
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

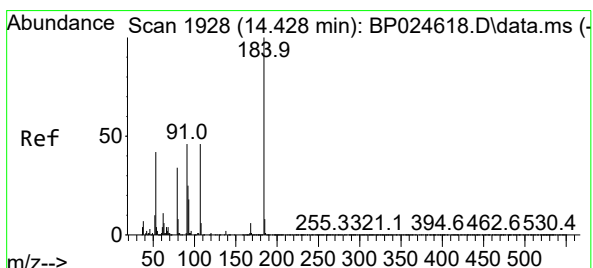
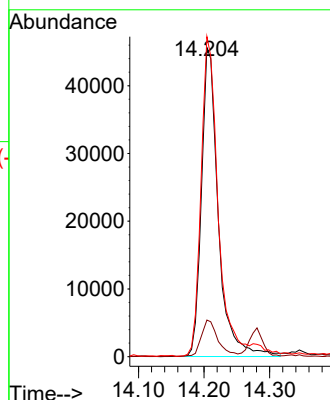
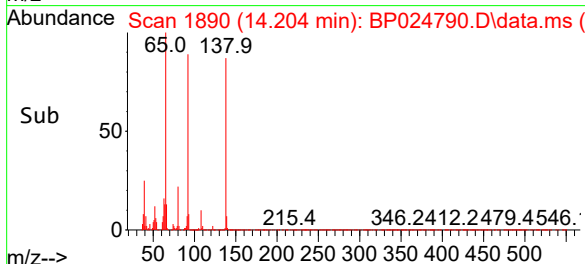
Instrument :
BNA_P
ClientSampleId :
PB168131BS



Tgt Ion:138 Resp: 8155
Ion Ratio Lower Upper
138 100
108 11.9 9.0 13.4
92 103.5 90.1 135.1

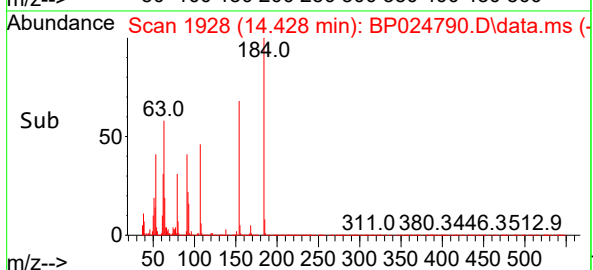
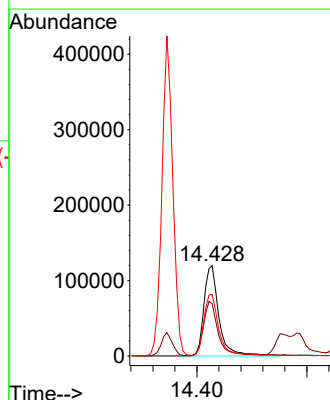
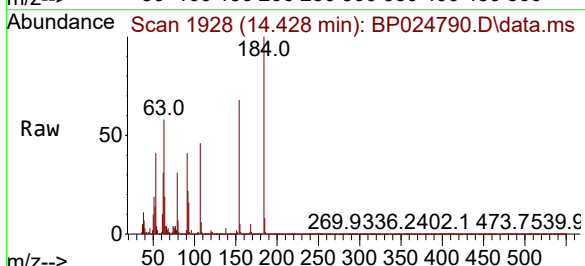
Manual Integrations
APPROVED

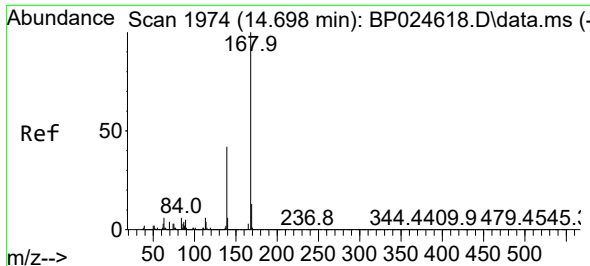
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#54
2,4-Dinitrophenol
Concen: 88.367 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

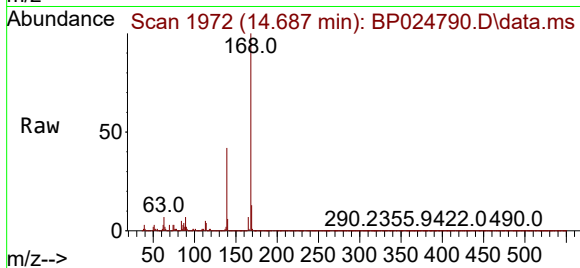
Tgt Ion:184 Resp: 226925
Ion Ratio Lower Upper
184 100
63 57.7 51.3 76.9
154 68.0 53.5 80.3





#55
Dibenzenofuran
Concen: 43.337 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

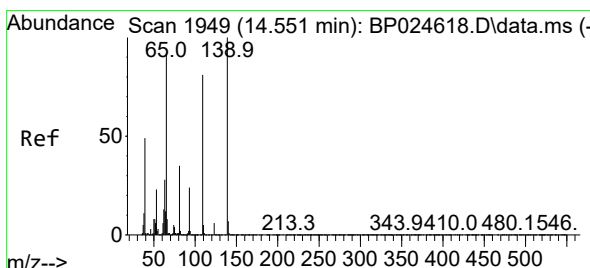
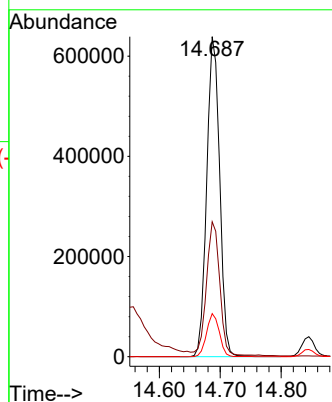
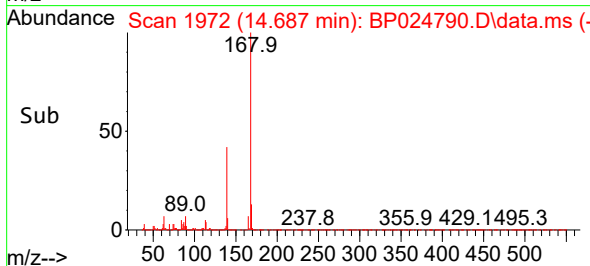
Instrument :
BNA_P
ClientSampleId :
PB168131BS



Tgt Ion:168 Resp: 94037
Ion Ratio Lower Upper
168 100
139 42.2 34.2 51.4
169 13.5 10.8 16.2

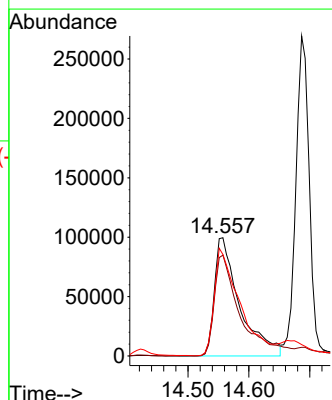
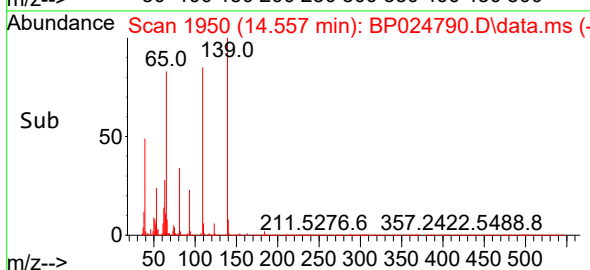
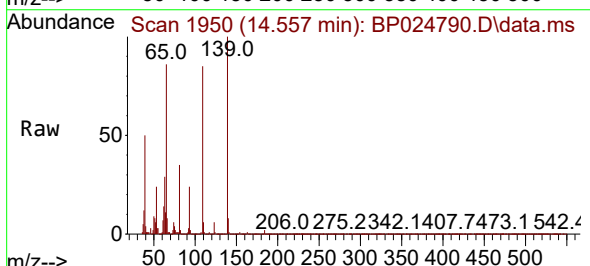
Manual Integrations
APPROVED

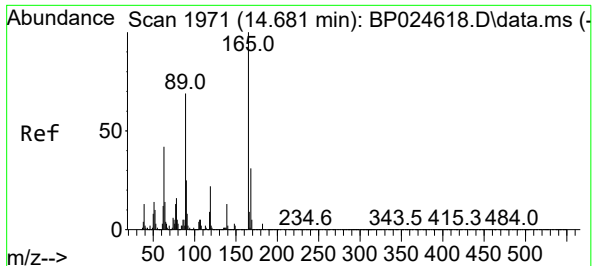
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#56
4-Nitrophenol
Concen: 80.127 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.006 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

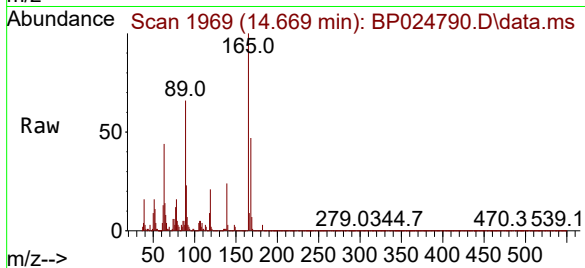
Tgt Ion:139 Resp: 286124
Ion Ratio Lower Upper
139 100
109 85.2 61.4 101.4
65 85.7 72.2 112.2





#57
2,4-Dinitrotoluene
Concen: 47.707 ng
RT: 14.669 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

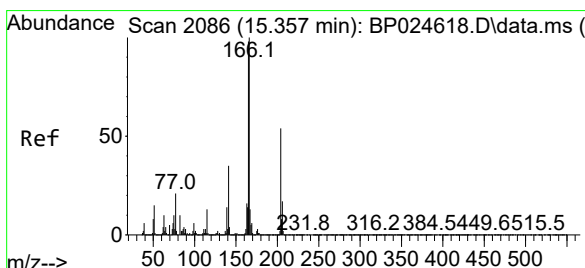
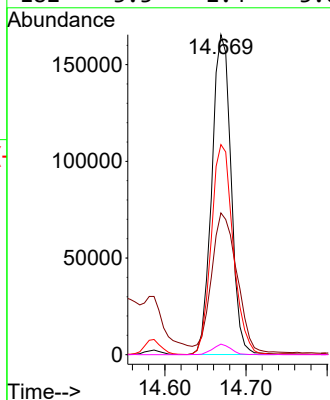
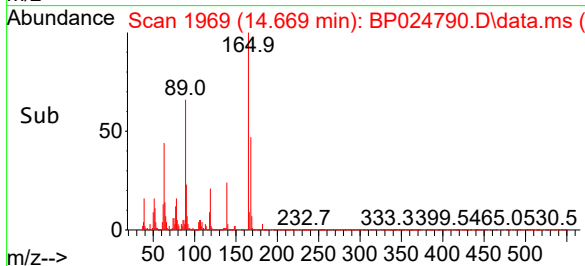
Instrument :
BNA_P
ClientSampleId :
PB168131BS



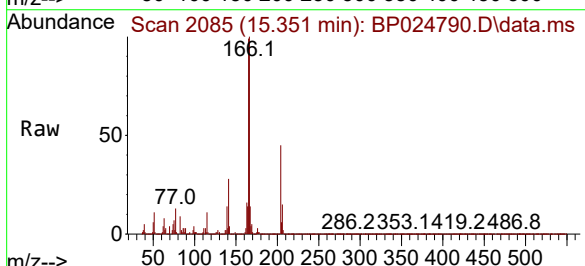
Tgt Ion:165 Resp: 27166
Ion Ratio Lower Upper
165 100
63 44.3 33.8 50.6
89 65.7 55.6 83.4
182 3.3 2.4 3.6

Manual Integrations
APPROVED

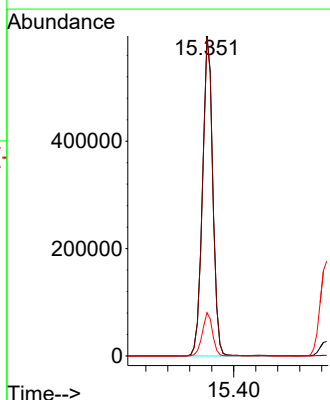
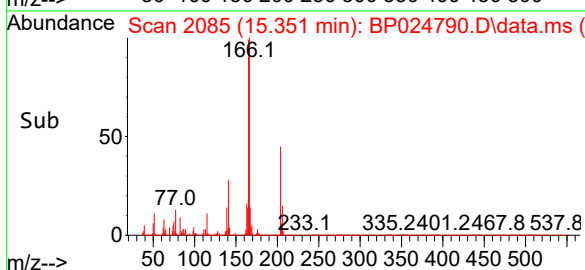
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

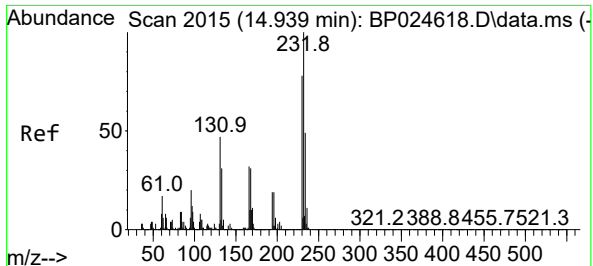


#58
Fluorene
Concen: 43.866 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01



Tgt Ion:166 Resp: 776143
Ion Ratio Lower Upper
166 100
165 99.5 78.5 117.7
167 13.5 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.986 ng

RT: 14.928 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

Instrument :

BNA_P

ClientSampleId :

PB168131BS

Tgt Ion:232 Resp: 23872

Ion Ratio Lower Upper

232 100

131 44.5 39.5 59.3

130 2.5 2.2 3.4

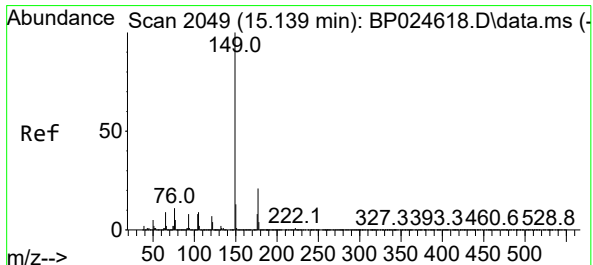
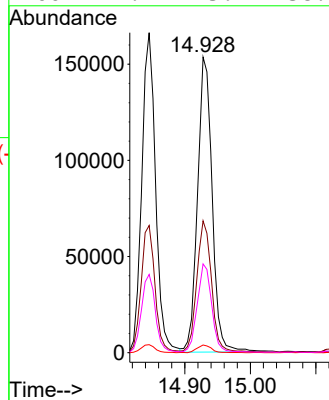
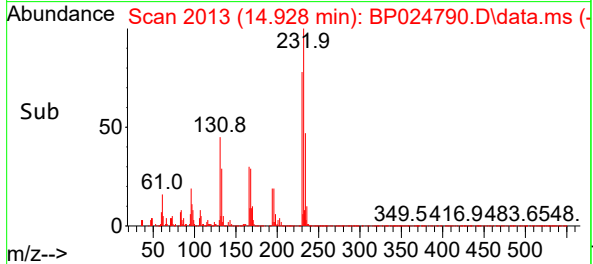
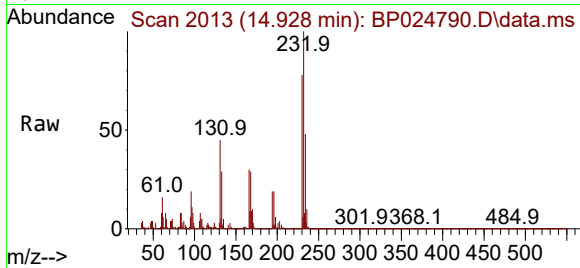
166 29.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#60

Diethylphthalate

Concen: 44.718 ng

RT: 15.122 min Scan# 2046

Delta R.T. -0.018 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

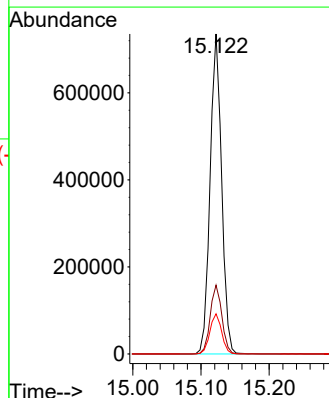
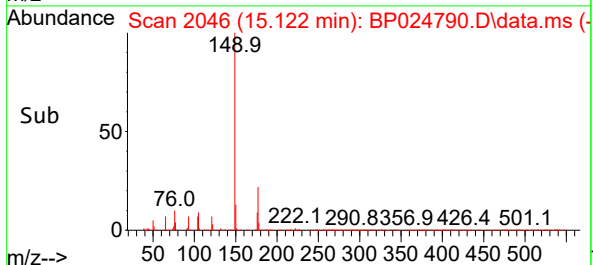
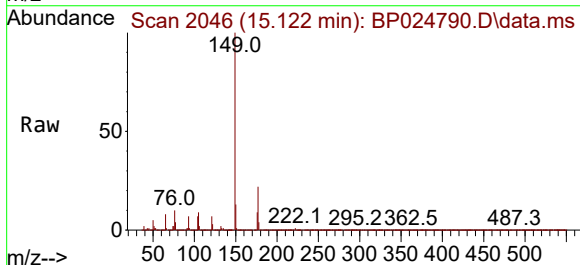
Tgt Ion:149 Resp: 864406

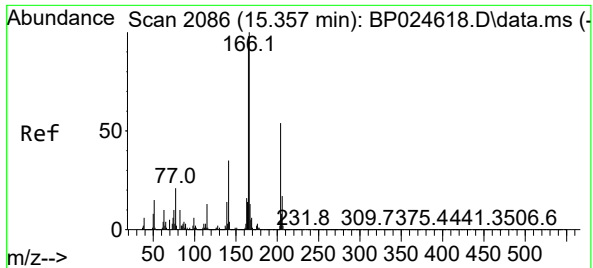
Ion Ratio Lower Upper

149 100

177 21.5 16.7 25.1

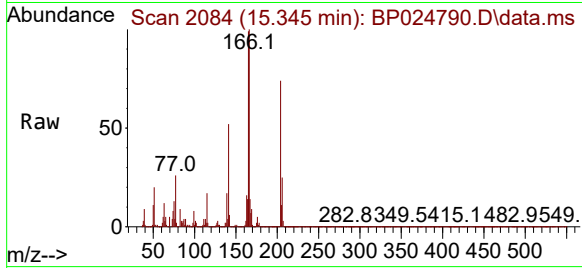
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.557 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

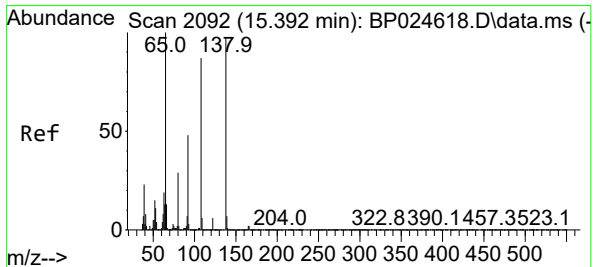
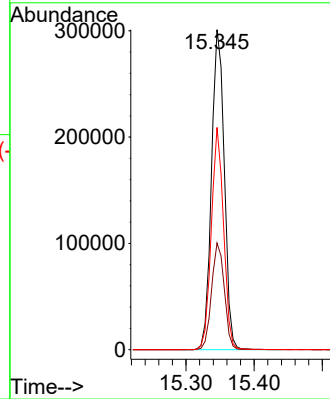
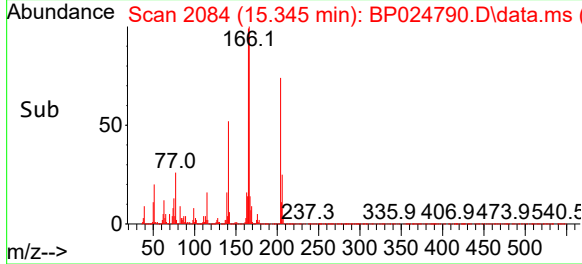
Instrument :
BNA_P
ClientSampleId :
PB168131BS



Tgt Ion:204 Resp: 39316
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 69.5 52.9 79.3

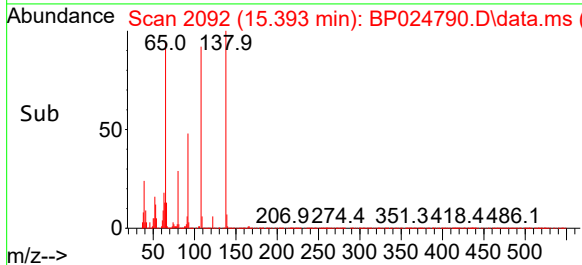
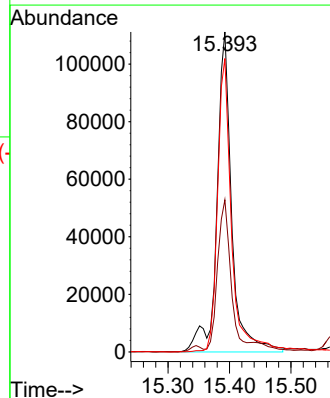
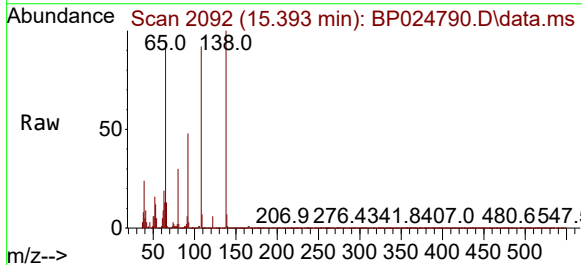
Manual Integrations
APPROVED

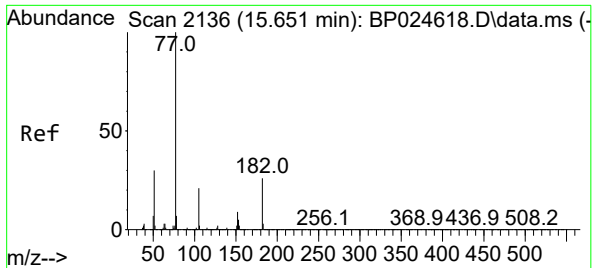
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#62
4-Nitroaniline
Concen: 46.710 ng m
RT: 15.393 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

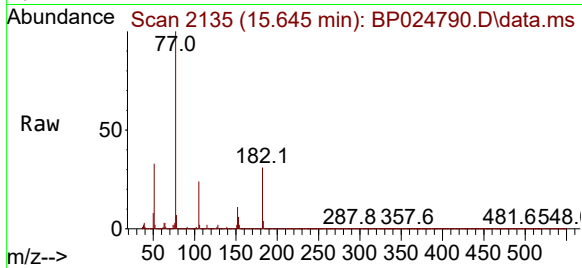
Tgt Ion:138 Resp: 186011
Ion Ratio Lower Upper
138 100
92 47.6 29.2 69.2
108 91.7 69.0 109.0





#63
Azobenzene
Concen: 39.863 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

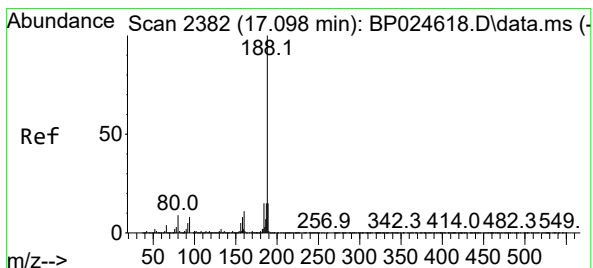
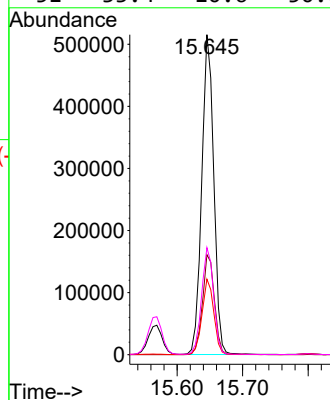
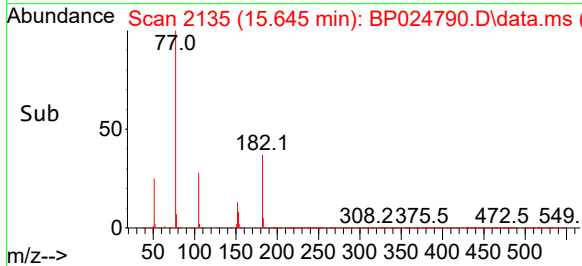
Instrument :
BNA_P
ClientSampleId :
PB168131BS



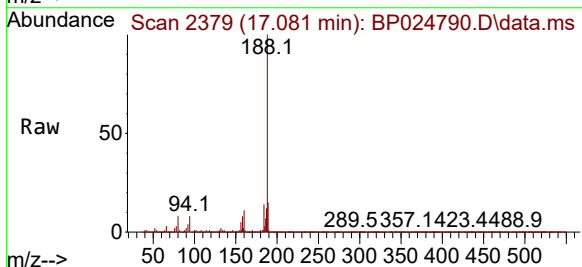
Tgt Ion: 77 Resp: 65918
Ion Ratio Lower Upper
77 100
182 31.2 5.7 45.7
105 23.6 1.3 41.3
51 33.4 10.6 50.6

Manual Integrations
APPROVED

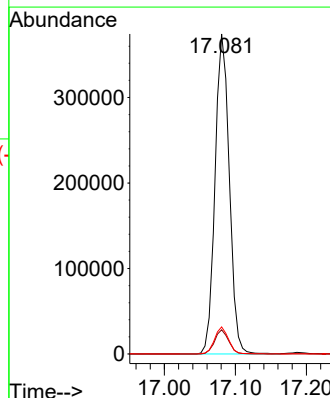
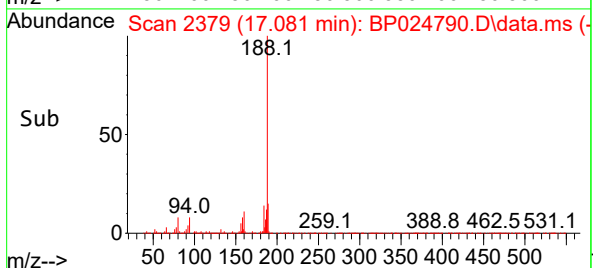
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

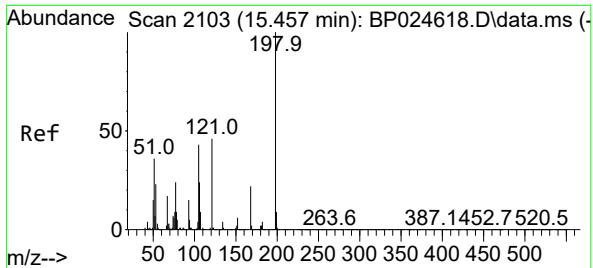


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01



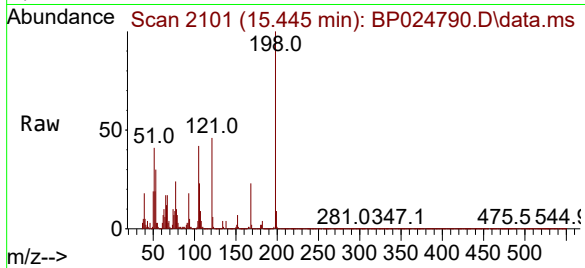
Tgt Ion:188 Resp: 520912
Ion Ratio Lower Upper
188 100
94 7.6 6.5 9.7
80 8.5 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.884 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

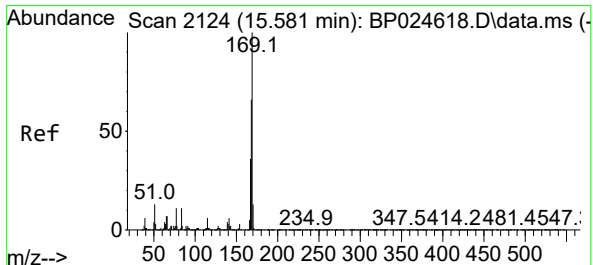
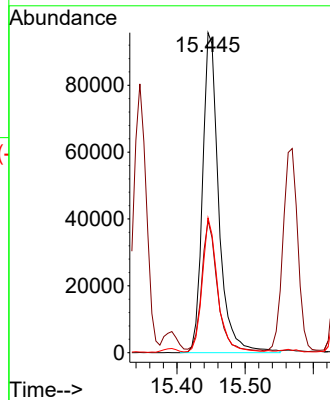
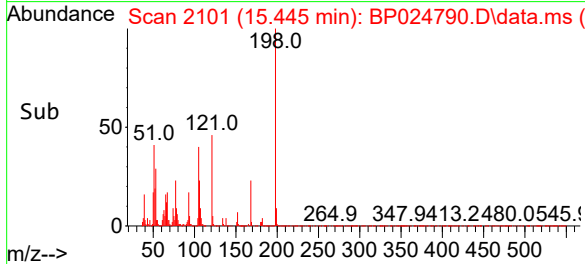
Instrument :
BNA_P
ClientSampleId :
PB168131BS



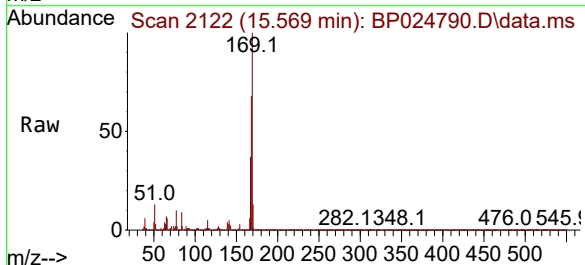
Tgt Ion:198 Resp: 15775
Ion Ratio Lower Upper
198 100
51 41.3 21.1 61.1
105 42.1 23.6 63.6

Manual Integrations
APPROVED

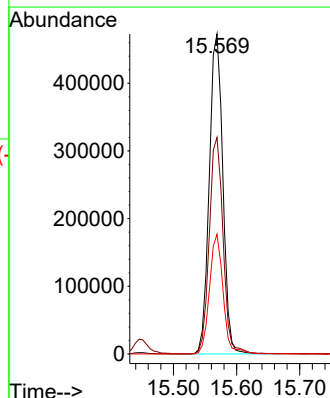
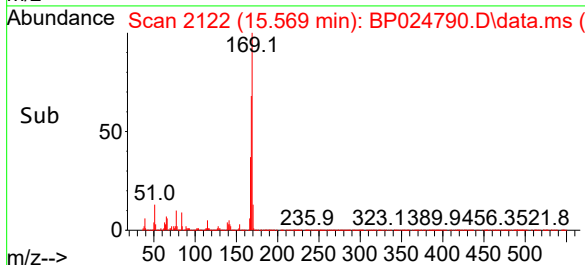
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

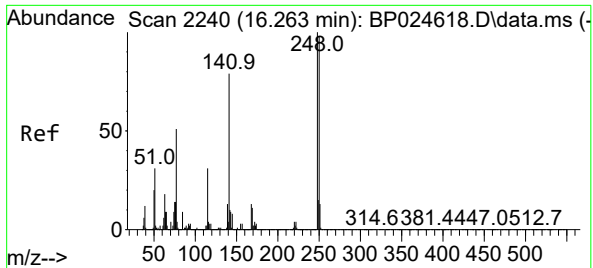


#66
n-Nitrosodiphenylamine
Concen: 44.108 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01



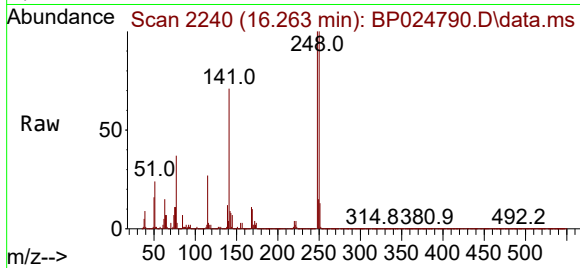
Tgt Ion:169 Resp: 705742
Ion Ratio Lower Upper
169 100
168 67.7 53.2 79.8
167 37.4 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 46.273 ng
RT: 16.263 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

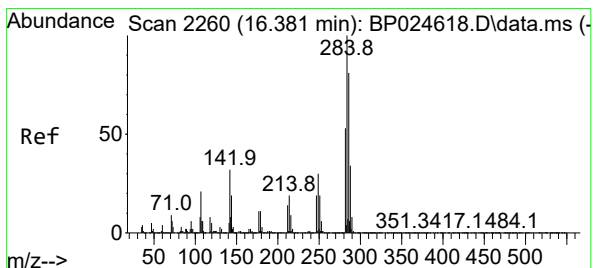
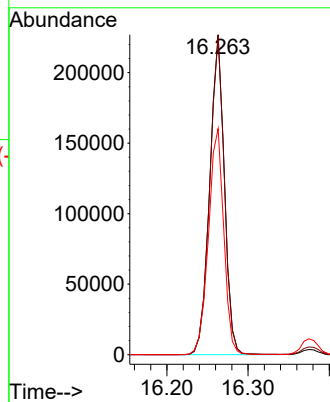
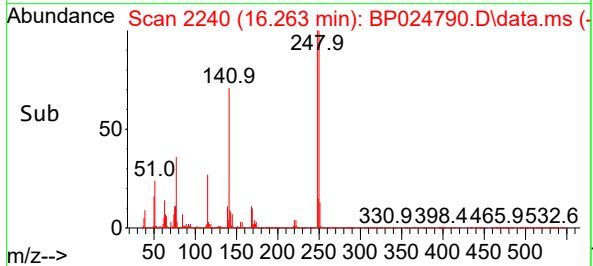
Instrument :
BNA_P
ClientSampleId :
PB168131BS



Tgt Ion:248 Resp: 28403
Ion Ratio Lower Upper
248 100
250 99.7 78.2 117.4
141 70.7 63.0 94.6

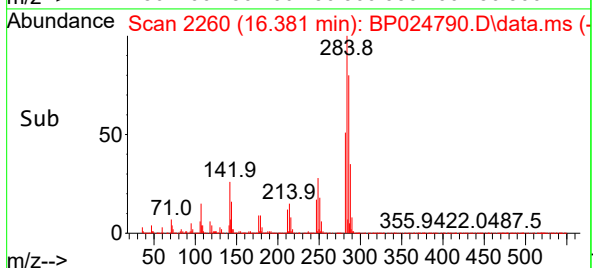
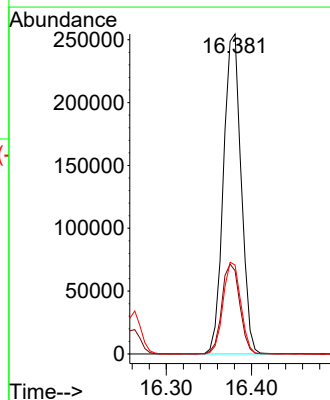
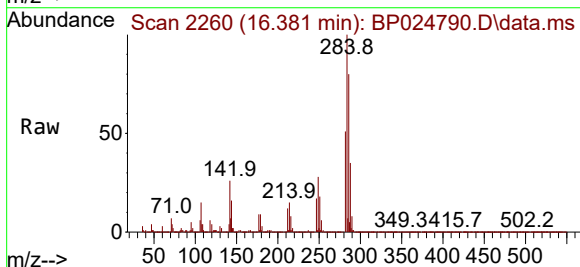
Manual Integrations
APPROVED

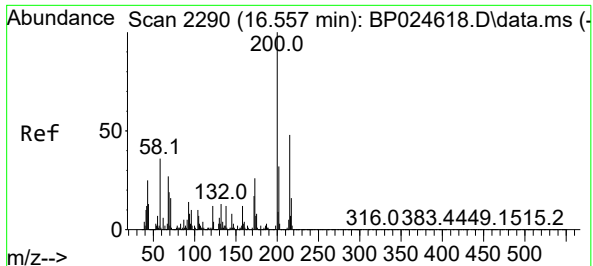
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#68
Hexachlorobenzene
Concen: 46.975 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

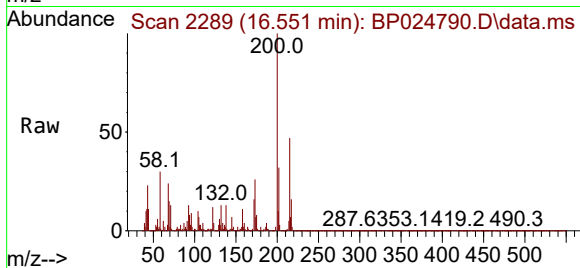
Tgt Ion:284 Resp: 366390
Ion Ratio Lower Upper
284 100
142 26.0 25.9 38.9
249 27.8 24.1 36.1





#69
Atrazine
Concen: 49.436 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

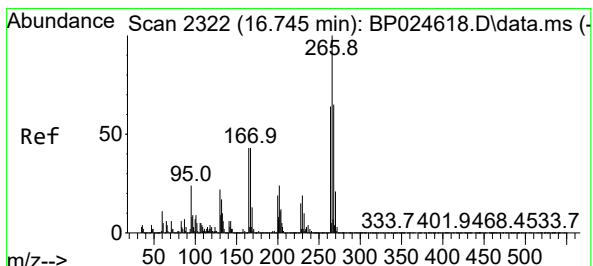
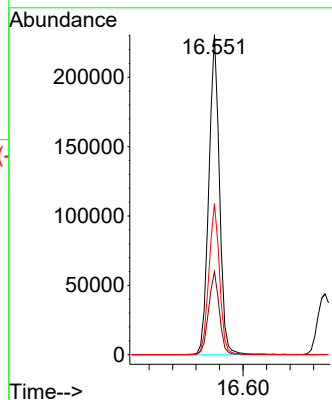
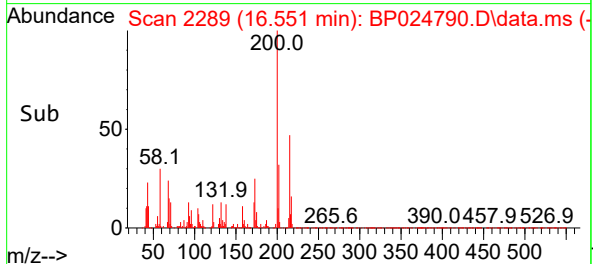
Instrument :
BNA_P
ClientSampleId :
PB168131BS



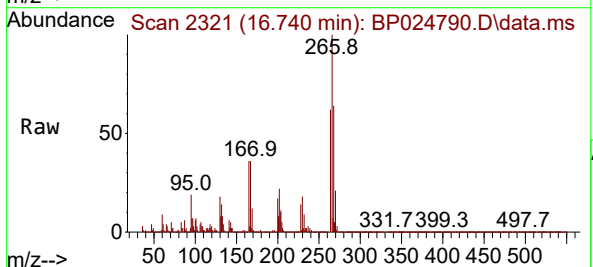
Tgt Ion:200 Resp: 289878
Ion Ratio Lower Upper
200 100
173 26.0 5.9 45.9
215 47.2 28.3 68.3

Manual Integrations
APPROVED

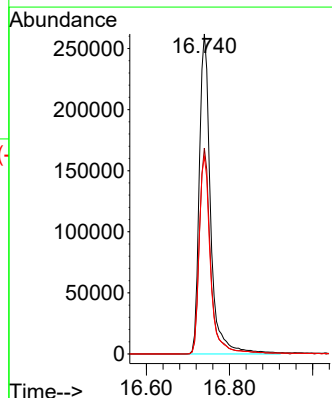
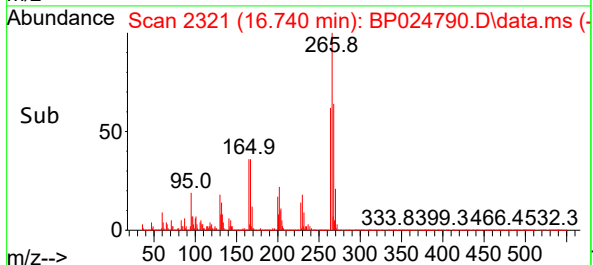
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

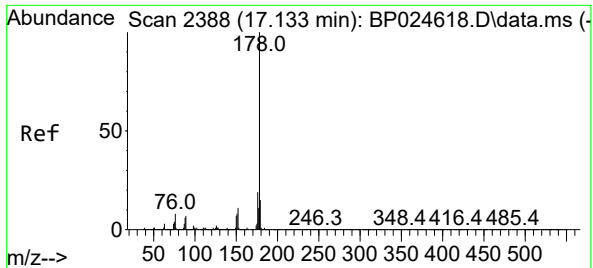


#70
Pentachlorophenol
Concen: 112.674 ng
RT: 16.740 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01



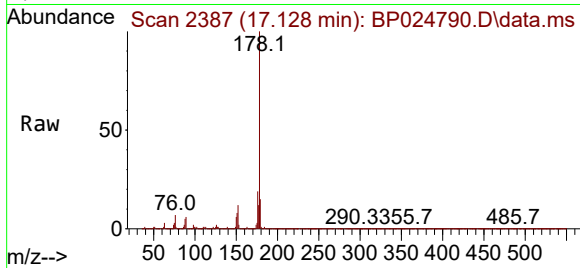
Tgt Ion:266 Resp: 493320
Ion Ratio Lower Upper
266 100
268 64.4 52.2 78.4
264 61.7 51.1 76.7





#71
Phenanthrene
Concen: 44.180 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

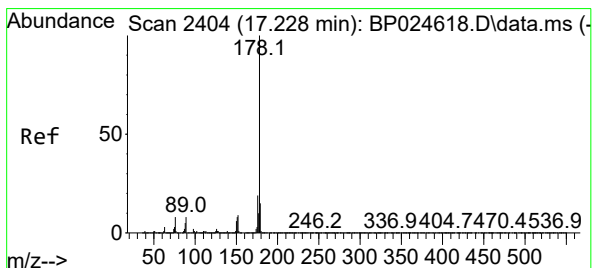
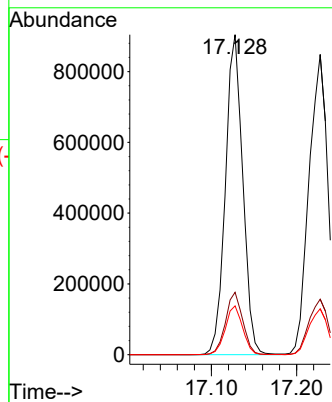
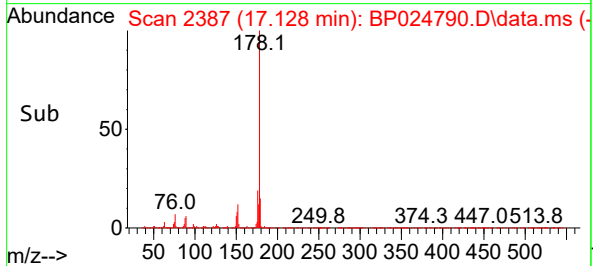
Instrument :
BNA_P
ClientSampleId :
PB168131BS



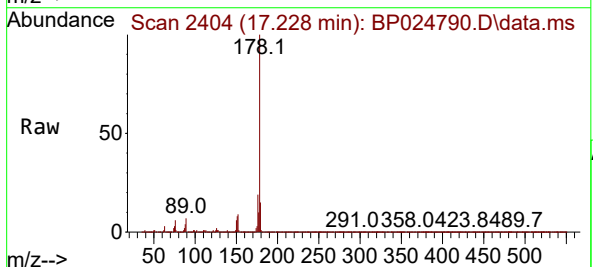
Tgt Ion:178 Resp: 127937
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.2 12.2 18.4

Manual Integrations
APPROVED

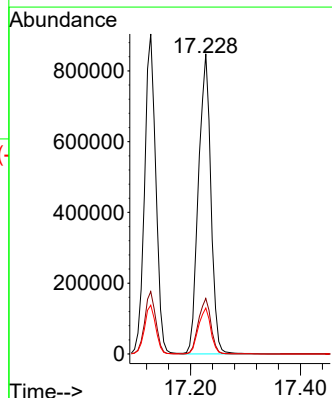
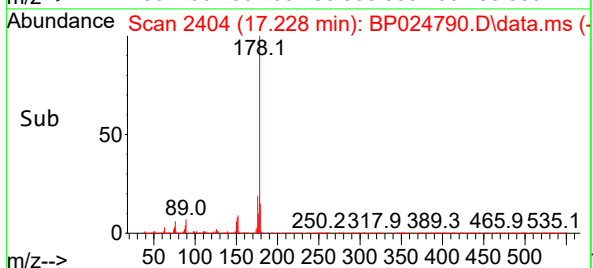
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

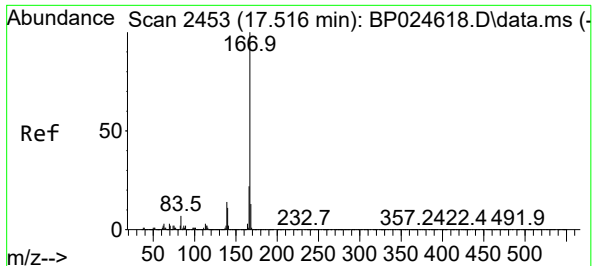


#72
Anthracene
Concen: 45.541 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01



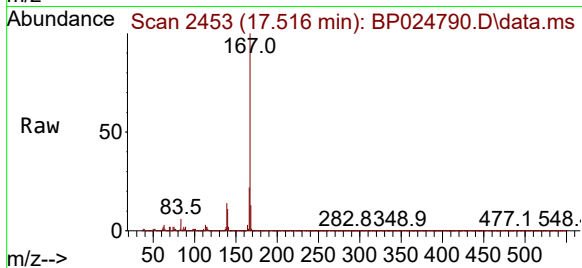
Tgt Ion:178 Resp: 1326851
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.3 12.2 18.2





#73
 Carbazole
 Concen: 46.504 ng
 RT: 17.516 min Scan# 2453
 Delta R.T. 0.000 min
 Lab File: BP024790.D
 Acq: 23 May 2025 13:01

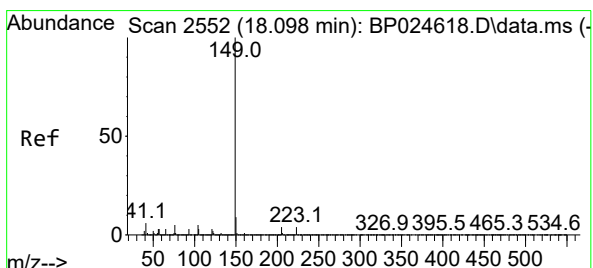
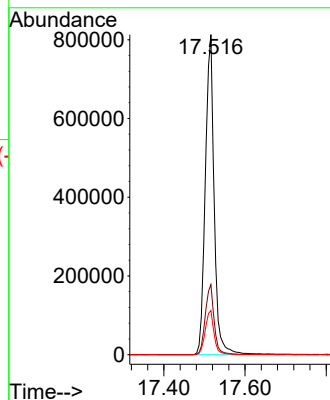
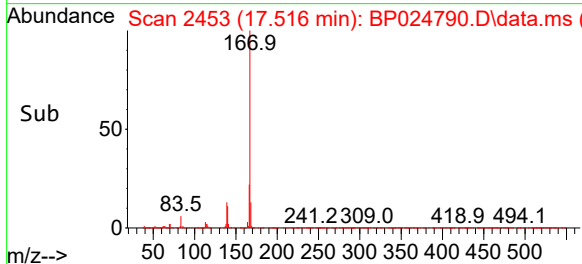
Instrument :
 BNA_P
 ClientSampleId :
 PB168131BS



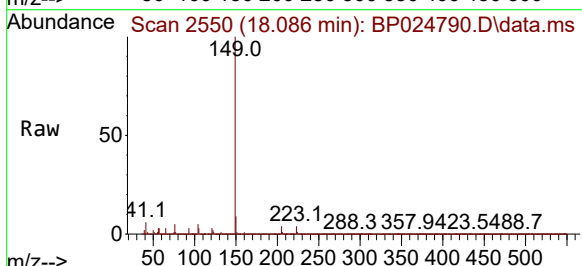
Tgt Ion:167 Resp: 122633
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.8 11.3 16.9

Manual Integrations
 APPROVED

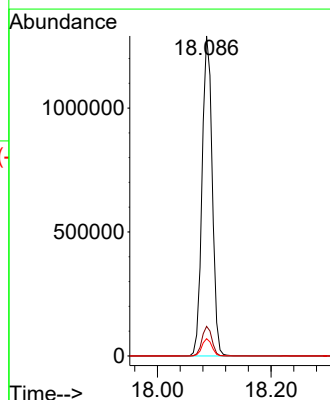
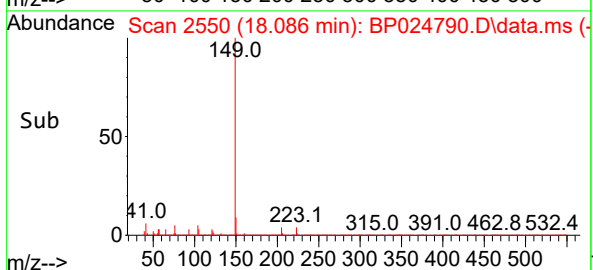
Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

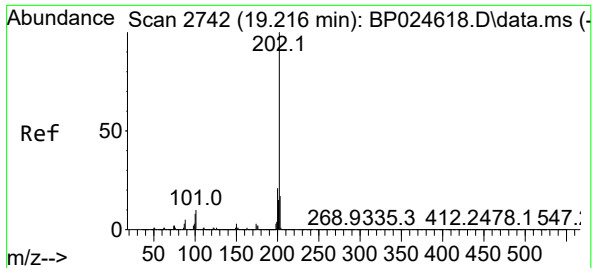


#74
 Di-n-butylphthalate
 Concen: 47.197 ng
 RT: 18.086 min Scan# 2550
 Delta R.T. -0.012 min
 Lab File: BP024790.D
 Acq: 23 May 2025 13:01



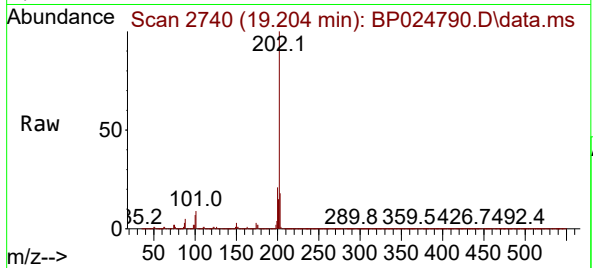
Tgt Ion:149 Resp: 1600642
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 47.387 ng
RT: 19.204 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

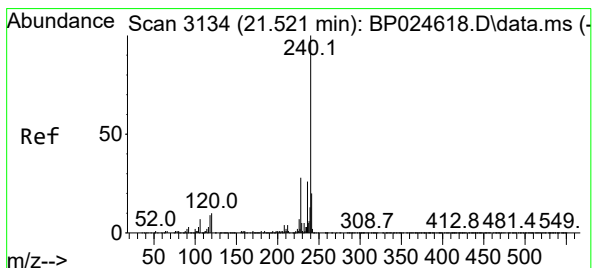
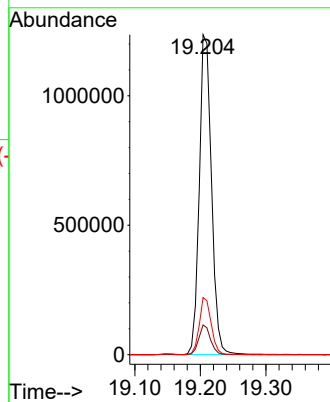
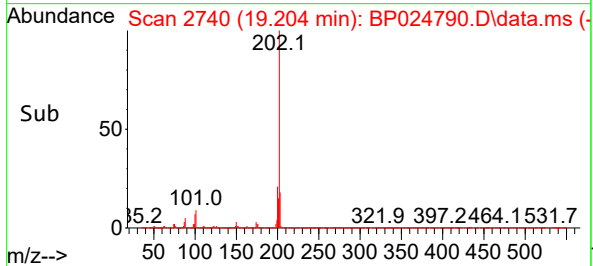
Instrument :
BNA_P
ClientSampleId :
PB168131BS



Tgt Ion:202 Resp: 160404
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.3
203 17.8 0.0 37.5

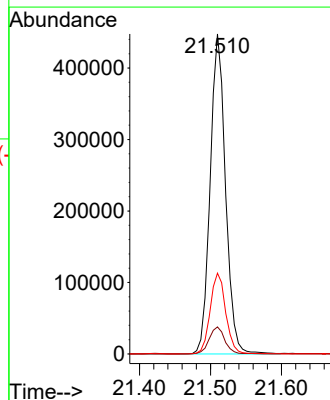
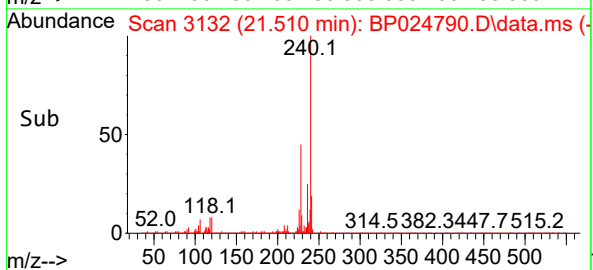
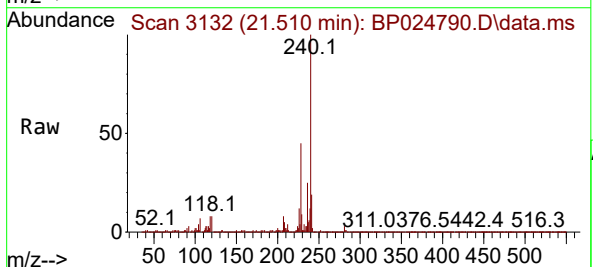
Manual Integrations
APPROVED

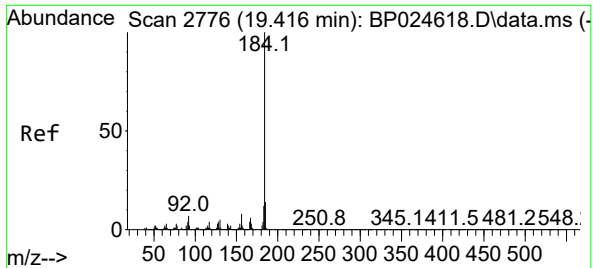
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

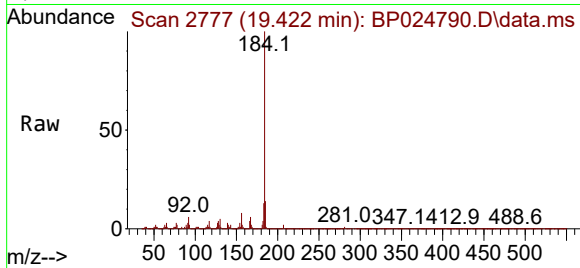
Tgt Ion:240 Resp: 672344
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.6
236 25.2 20.6 31.0





#77
Benzidine
Concen: 29.531 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

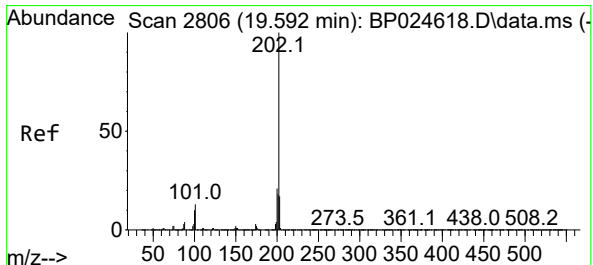
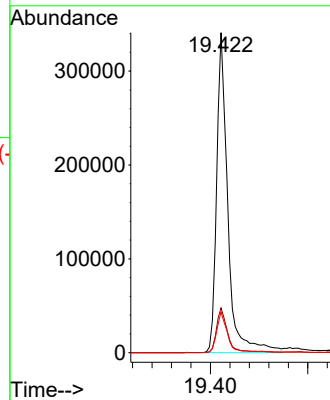
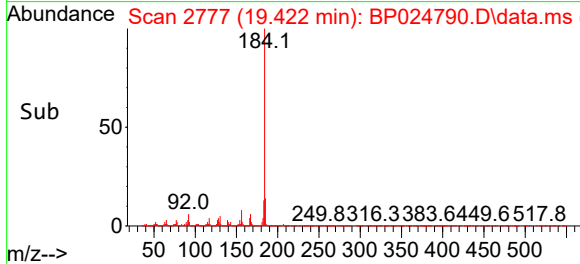
Instrument :
BNA_P
ClientSampleId :
PB168131BS



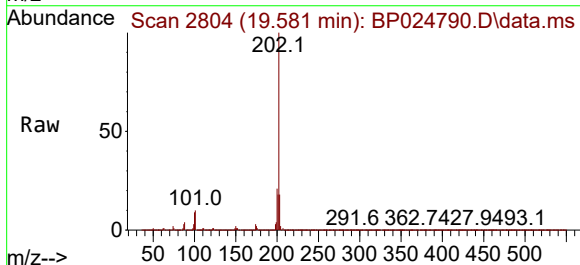
Tgt Ion:184 Resp: 540768
Ion Ratio Lower Upper
184 100
185 14.0 11.2 16.8
183 12.7 9.8 14.8

Manual Integrations
APPROVED

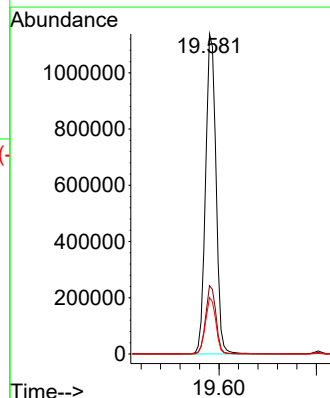
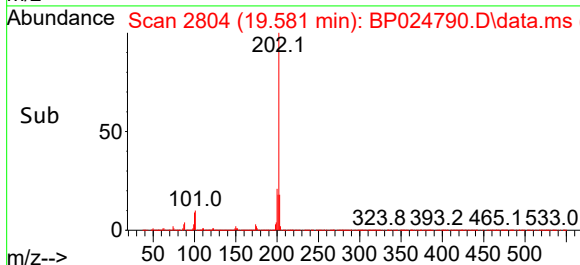
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

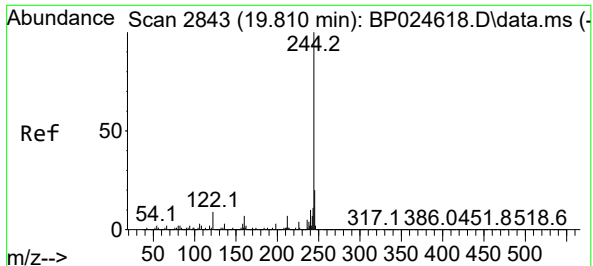


#78
Pyrene
Concen: 41.775 ng
RT: 19.581 min Scan# 2804
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01



Tgt Ion:202 Resp: 1682916
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.6 13.9 20.9





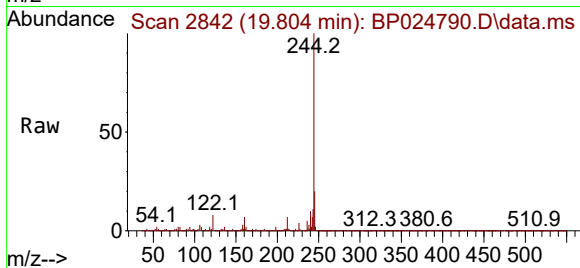
#79
 Terphenyl-d14
 Concen: 79.387 ng
 RT: 19.804 min Scan# 2843
 Delta R.T. -0.006 min
 Lab File: BP024790.D
 Acq: 23 May 2025 13:01

Instrument :

BNA_P

ClientSampleId :

PB168131BS



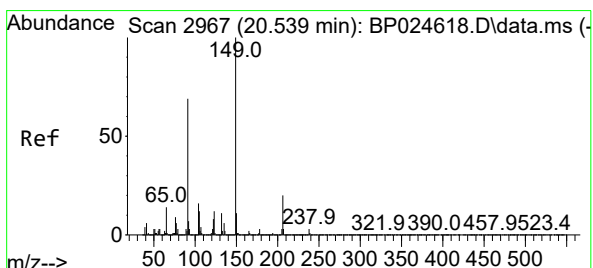
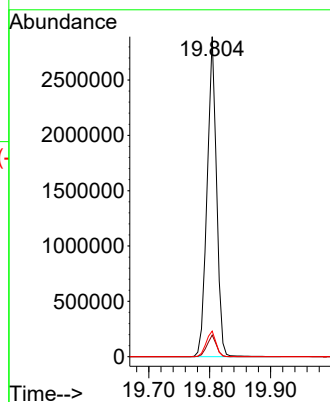
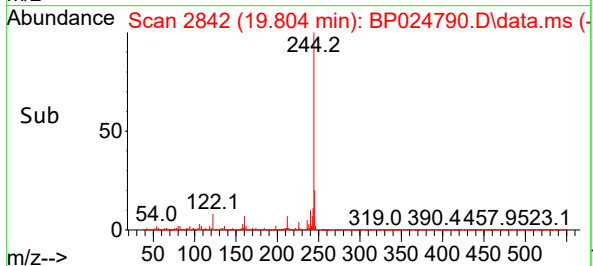
Tgt Ion:244 Resp: 311280
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 8.0 7.4 11.0

Manual Integrations

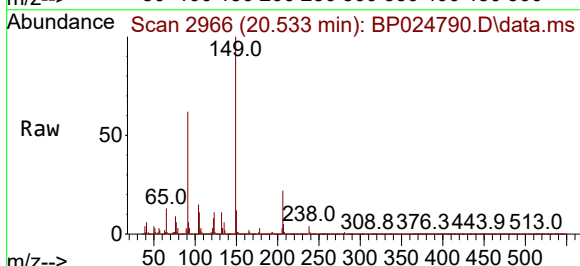
APPROVED

Reviewed By :Rahul Chavli 05/27/2025

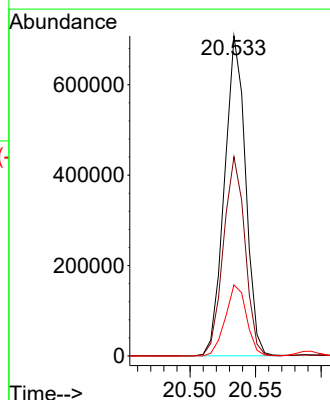
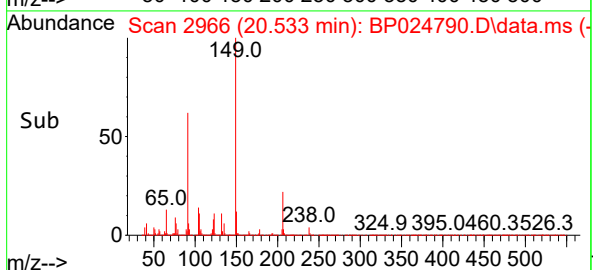
Supervised By :Jagrut Upadhyay 05/27/2025

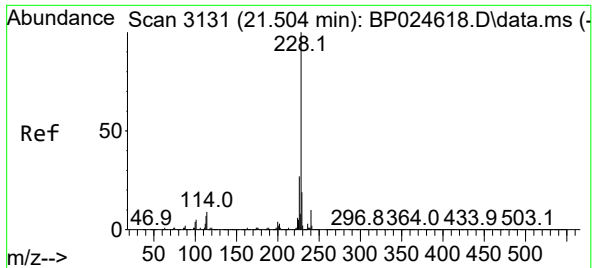


#80
 Butylbenzylphthalate
 Concen: 44.199 ng
 RT: 20.533 min Scan# 2966
 Delta R.T. -0.006 min
 Lab File: BP024790.D
 Acq: 23 May 2025 13:01



Tgt Ion:149 Resp: 791887
 Ion Ratio Lower Upper
 149 100
 91 62.3 55.4 83.0
 206 22.2 16.2 24.2





#81
Benzo(a)anthracene
Concen: 45.010 ng
RT: 21.492 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

Instrument :

BNA_P

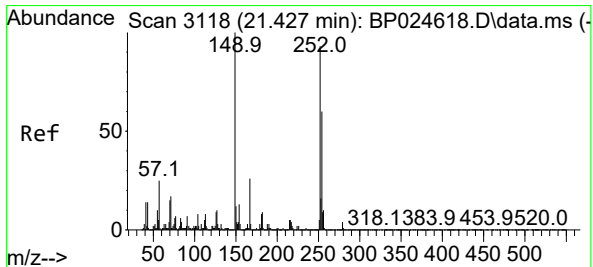
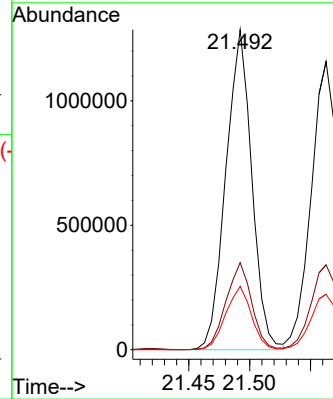
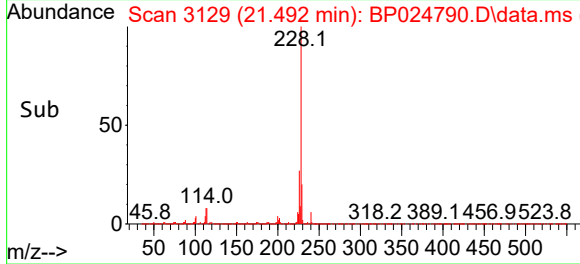
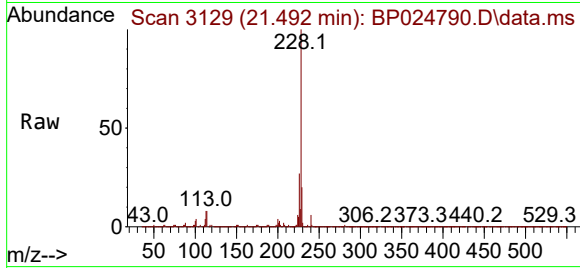
ClientSampleId :

PB168131BS

Tgt Ion:228 Resp: 1900210
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 19.8 15.5 23.3

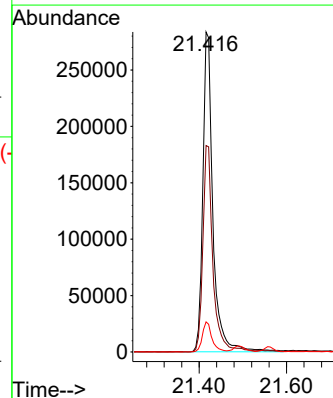
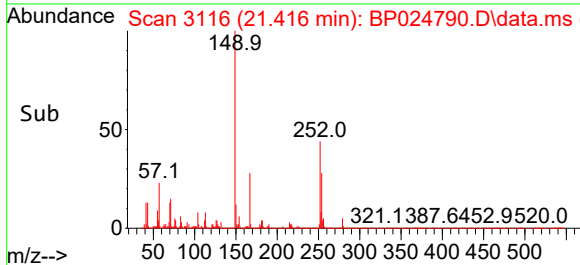
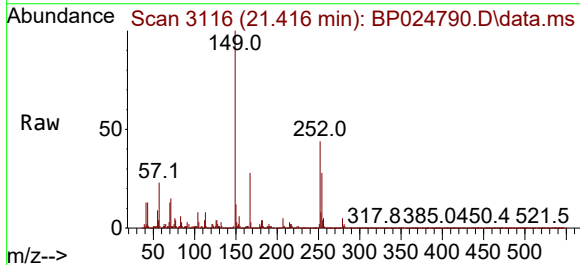
Manual Integrations
APPROVED

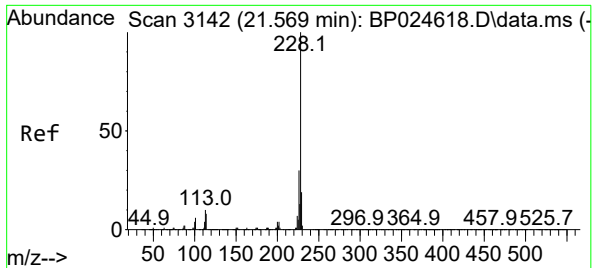
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#82
3,3'-Dichlorobenzidine
Concen: 29.103 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

Tgt Ion:252 Resp: 456351
Ion Ratio Lower Upper
252 100
254 64.5 51.8 77.6
126 9.4 7.7 11.5





#83
Chrysene
Concen: 44.311 ng
RT: 21.563 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

Instrument :

BNA_P

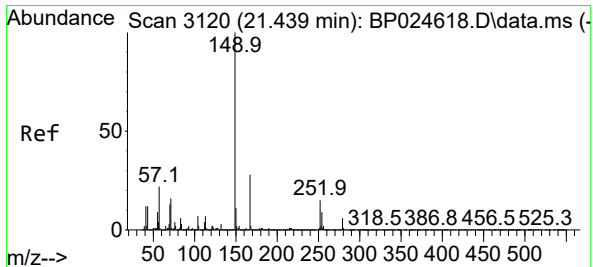
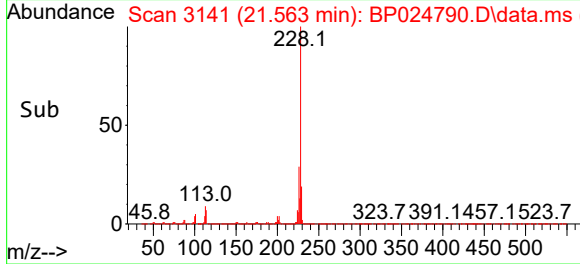
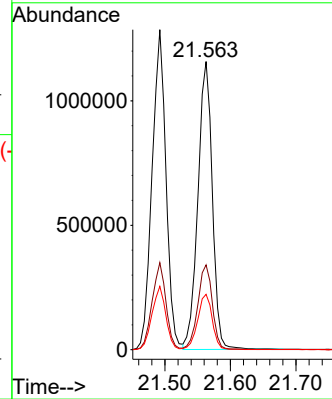
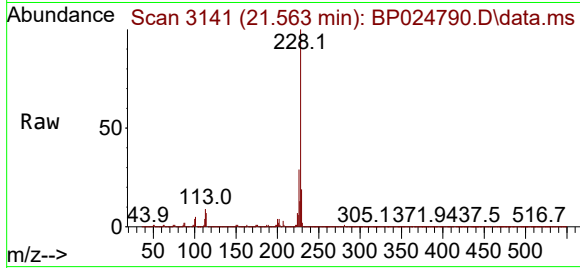
ClientSampleId :

PB168131BS

Tgt Ion:228 Resp: 177332
Ion Ratio Lower Upper
228 100
226 29.4 23.9 35.9
229 19.2 15.5 23.3

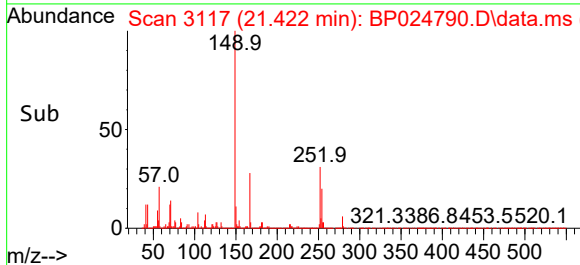
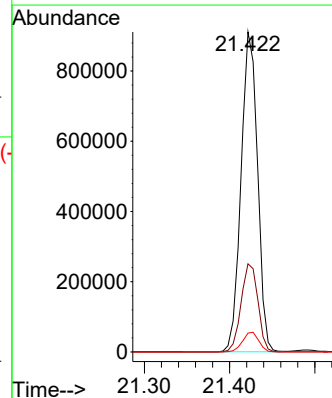
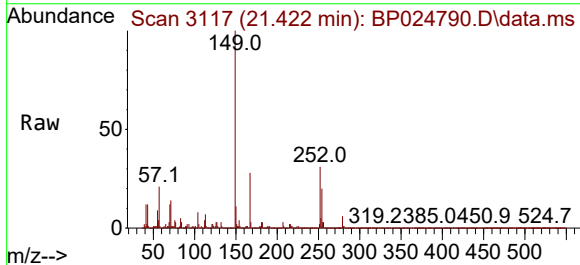
Manual Integrations
APPROVED

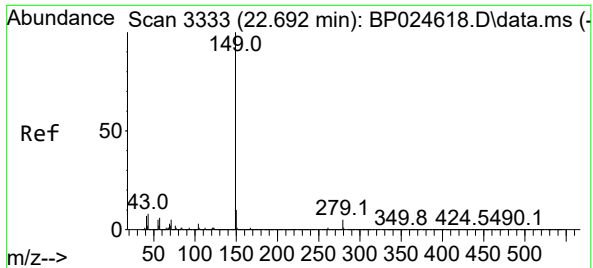
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.511 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.018 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

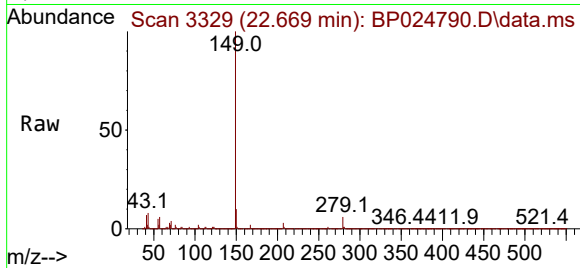
Tgt Ion:149 Resp: 1224831
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 5.9 4.6 6.8





#85
Di-n-octyl phthalate
Concen: 49.563 ng
RT: 22.669 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

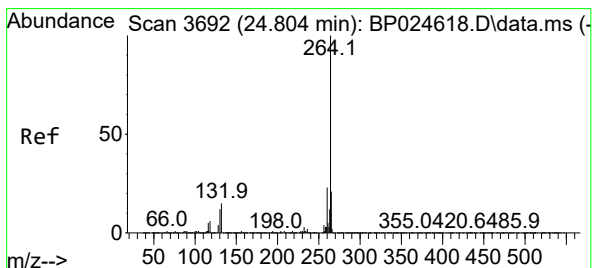
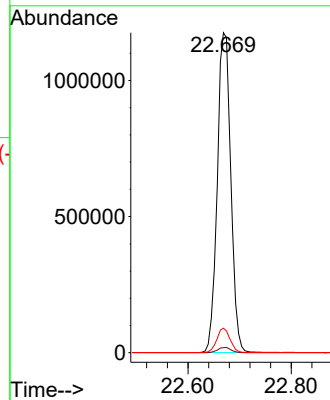
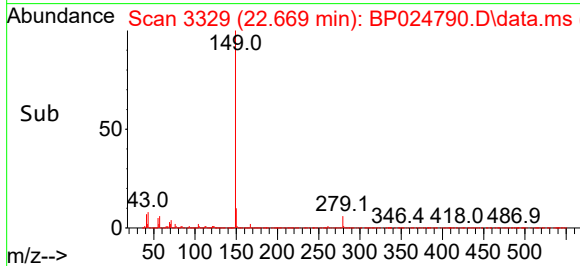
Instrument :
BNA_P
ClientSampleId :
PB168131BS



Tgt Ion:149 Resp: 213435
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.4 6.3 9.5

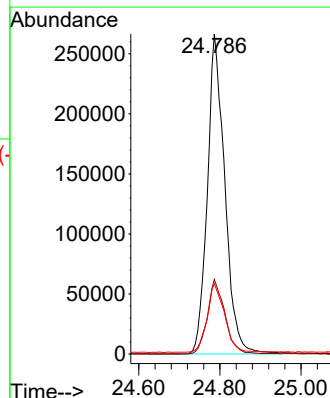
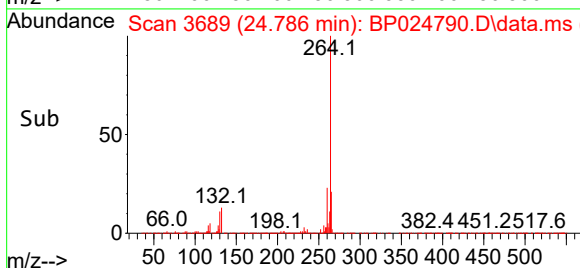
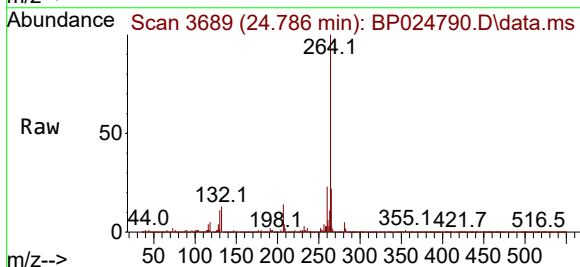
Manual Integrations
APPROVED

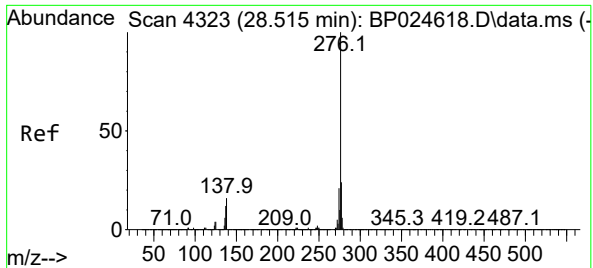
Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.786 min Scan# 3689
Delta R.T. -0.018 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

Tgt Ion:264 Resp: 792756
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.590 ng

RT: 28.504 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

Instrument :

BNA_P

ClientSampleId :

PB168131BS

Tgt Ion:276 Resp: 2638560

Ion Ratio Lower Upper

276 100

138 11.8 11.2 16.8

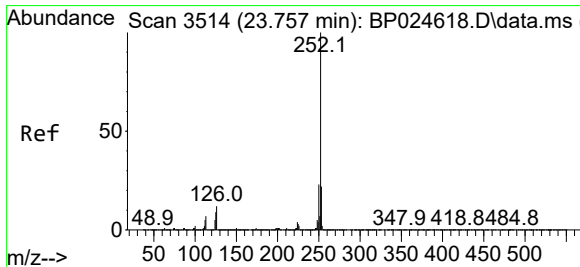
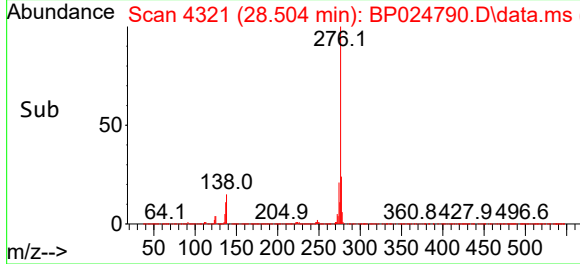
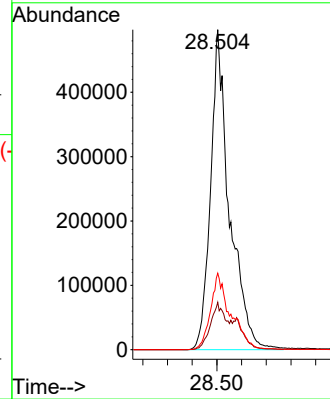
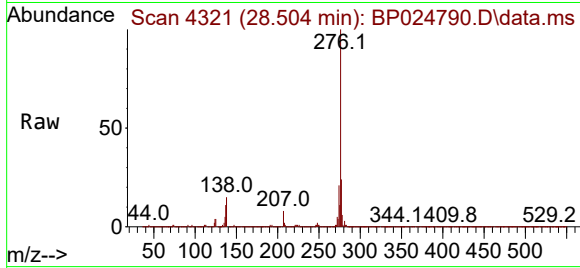
277 25.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#88

Benzo(b)fluoranthene

Concen: 45.351 ng

RT: 23.757 min Scan# 3514

Delta R.T. 0.000 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

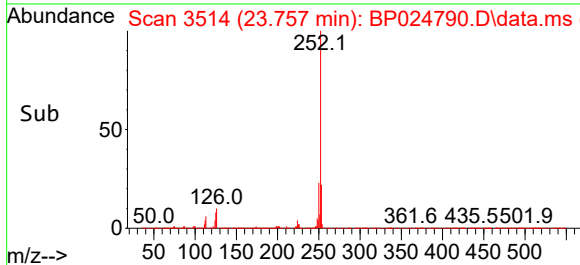
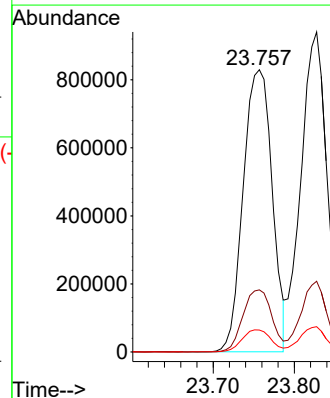
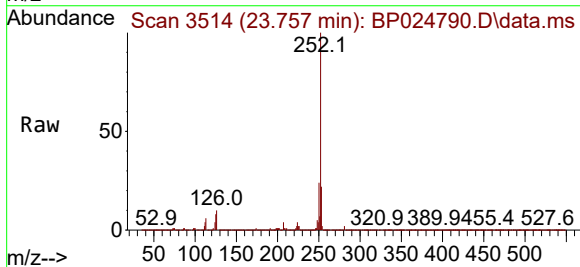
Tgt Ion:252 Resp: 2057849

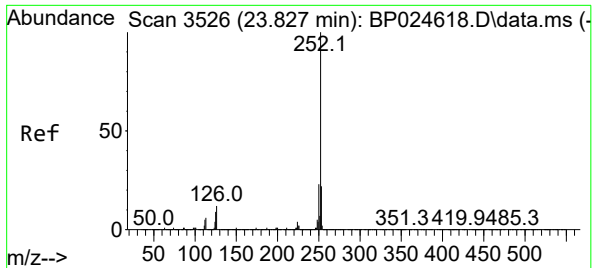
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 7.8 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 45.668 ng

RT: 23.827 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

Instrument :

BNA_P

ClientSampleId :

PB168131BS

Tgt Ion:252 Resp: 213530

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

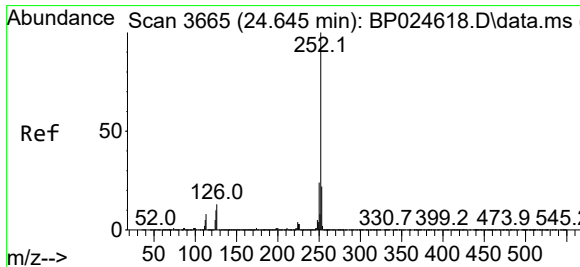
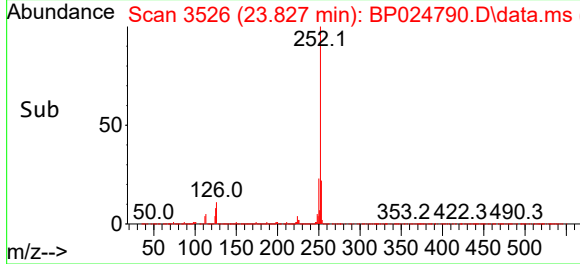
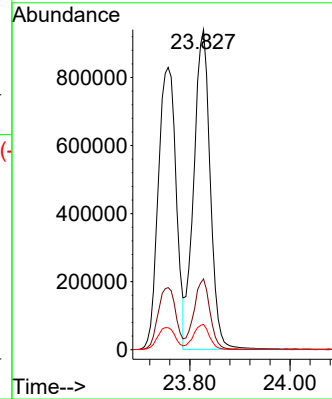
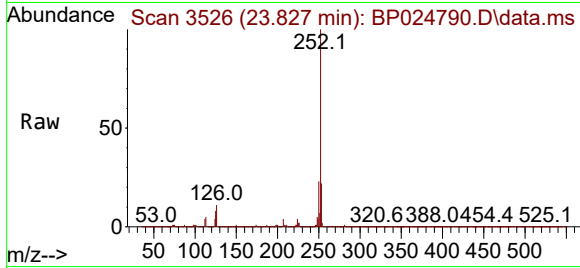
125 7.9 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/27/2025

Supervised By :Jagrut Upadhyay 05/27/2025



#90

Benzo(a)pyrene

Concen: 45.580 ng

RT: 24.633 min Scan# 3663

Delta R.T. -0.012 min

Lab File: BP024790.D

Acq: 23 May 2025 13:01

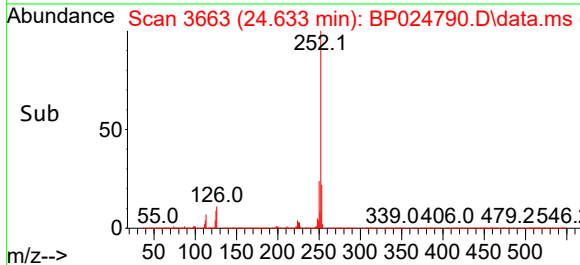
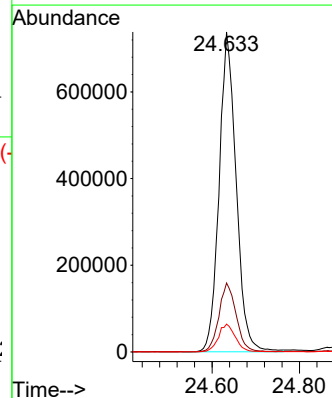
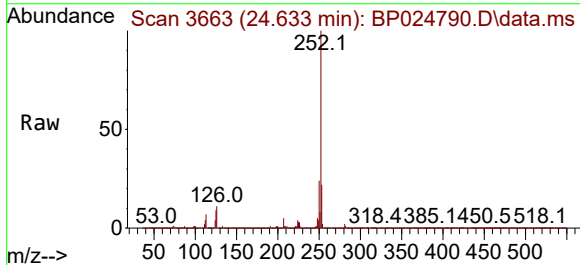
Tgt Ion:252 Resp: 1986376

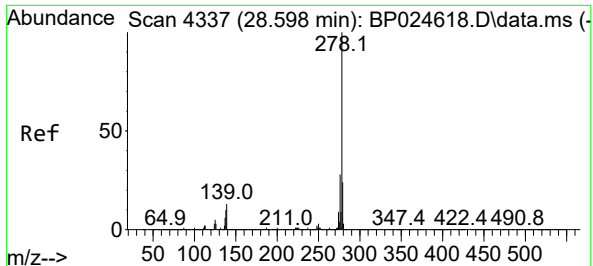
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

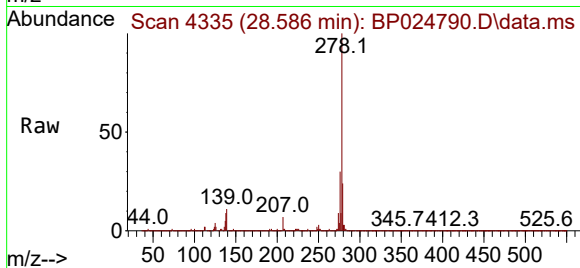
125 8.7 8.1 12.1





#91
Dibenzo(a,h)anthracene
Concen: 46.174 ng
RT: 28.586 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

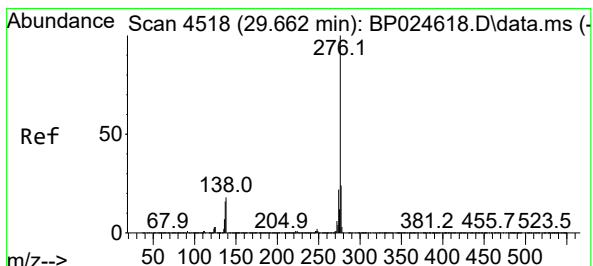
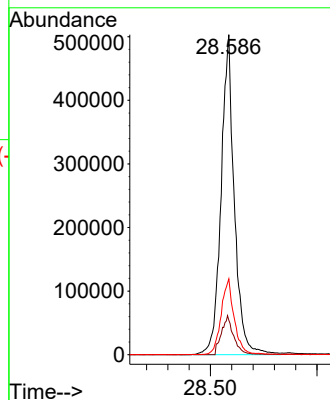
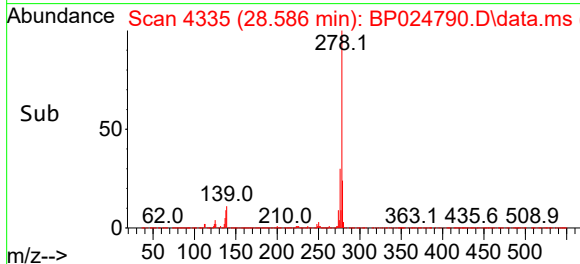
Instrument :
BNA_P
ClientSampleId :
PB168131BS



Tgt Ion:278 Resp: 217406
Ion Ratio Lower Upper
278 100
139 10.7 10.2 15.4
279 23.7 19.0 28.4

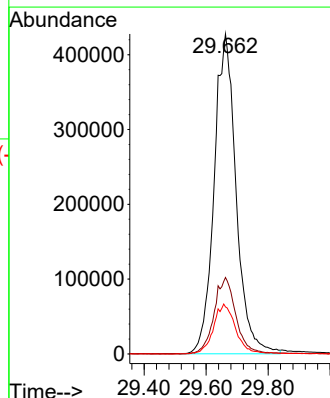
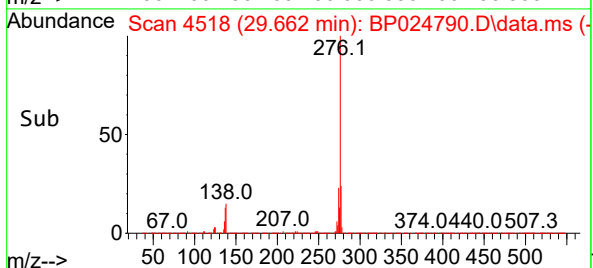
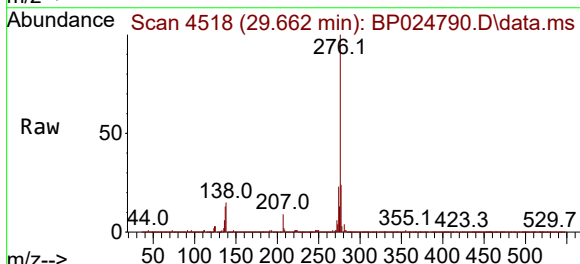
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025



#92
Benzo(g,h,i)perylene
Concen: 44.972 ng
RT: 29.662 min Scan# 4518
Delta R.T. 0.000 min
Lab File: BP024790.D
Acq: 23 May 2025 13:01

Tgt Ion:276 Resp: 2105686
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 14.7 14.4 21.6



Report of Analysis

Client:	ENTACT	Date Collected:	05/19/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	OR-640-COMP-66MS	SDG No.:	Q2078
Lab Sample ID:	Q2084-05MS	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BP024781.D	1	05/22/25 11:14	05/23/25 06:37	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.31		0.013	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.39		0.0053	0.050	mg/L
95-48-7	2-Methylphenol	0.40		0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.41		0.011	0.10	mg/L
67-72-1	Hexachloroethane	0.36		0.0065	0.050	mg/L
98-95-3	Nitrobenzene	0.39		0.0076	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.45		0.0054	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.50		0.0051	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.50		0.0062	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.50		0.012	0.050	mg/L
118-74-1	Hexachlorobenzene	0.51		0.0052	0.050	mg/L
87-86-5	Pentachlorophenol	1.10	E	0.016	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	122		15 (10) - 110 (139)	82%	SPK: 150
13127-88-3	Phenol-d6	107		15 (10) - 110 (134)	71%	SPK: 150
4165-60-0	Nitrobenzene-d5	71.8		30 (49) - 130 (133)	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.3		30 (52) - 130 (132)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	163		15 (44) - 110 (137)	109%	SPK: 150
1718-51-0	Terphenyl-d14	82.9		30 (48) - 130 (125)	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	108000	7.651			
1146-65-2	Naphthalene-d8	434000	10.422			
15067-26-2	Acenaphthene-d10	286000	14.28			
1517-22-2	Phenanthrene-d10	578000	17.08			
1719-03-5	Chrysene-d12	676000	21.521			
1520-96-3	Perylene-d12	797000	24.798			

Report of Analysis

Client:	ENTACT		Date Collected:	05/19/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	OR-640-COMP-66MS		SDG No.:	Q2078	
Lab Sample ID:	Q2084-05MS		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
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
BP024781.D	1	05/22/25 11:14	05/23/25 06:37	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP052225\
 Data File : BP024781.D
 Acq On : 23 May 2025 06:37
 Operator : RC/JU
 Sample : Q2084-05MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-640-COMP-66MS

Quant Time: May 23 07:18:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	108037	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	434452	20.000	ng	#-0.01
39) Acenaphthene-d10	14.280	164	286166	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	578083	20.000	ng	-0.02
76) Chrysene-d12	21.521	240	676097	20.000	ng	0.00
86) Perylene-d12	24.798	264	796979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	772423	122.285	ng	0.00
7) Phenol-d6	6.851	99	859068	106.562	ng	0.00
23) Nitrobenzene-d5	8.804	82	617668	71.834	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	790451	162.935	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1710468	78.309	ng	-0.01
79) Terphenyl-d14	19.810	244	3266849	82.853	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	90197	30.409	ng	# 58
3) Pyridine	3.628	79	202877	30.847	ng	95
4) n-Nitrosodimethylamine	3.534	42	113639	39.138	ng	88
6) Aniline	6.993	93	212282	20.395	ng	99
8) 2-Chlorophenol	7.234	128	314135	43.808	ng	95
9) Benzaldehyde	6.810	77	135760	26.015	ng	99
10) Phenol	6.881	94	300215	36.081	ng	97
11) bis(2-Chloroethyl)ether	7.087	93	249380	36.475	ng	96
12) 1,3-Dichlorobenzene	7.540	146	314661	38.141	ng	98
13) 1,4-Dichlorobenzene	7.687	146	323358	38.971	ng	99
14) 1,2-Dichlorobenzene	7.998	146	313813	38.813	ng	98
15) Benzyl Alcohol	7.898	79	254761	41.585	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.169	45	289017	35.298	ng	98
17) 2-Methylphenol	8.104	107	240401	40.283	ng	99
18) Hexachloroethane	8.710	117	115499	36.324	ng	95
19) n-Nitroso-di-n-propyla...	8.451	70	197788	35.468	ng	95
20) 3+4-Methylphenols	8.434	107	330548	40.718	ng	99
22) Acetophenone	8.469	105	449135	41.386	ng	# 98
24) Nitrobenzene	8.845	77	296491	39.183	ng	91
25) Isophorone	9.363	82	573414	38.445	ng	95
26) 2-Nitrophenol	9.545	139	173638	46.830	ng	97
27) 2,4-Dimethylphenol	9.616	122	292215	44.700	ng	98
28) bis(2-Chloroethoxy)met...	9.840	93	347343	38.979	ng	99
29) 2,4-Dichlorophenol	10.098	162	306064	48.313	ng	97
30) 1,2,4-Trichlorobenzene	10.281	180	316944	44.397	ng	99
31) Naphthalene	10.469	128	957345	42.523	ng	100
32) Benzoic acid	9.787	122	122437	30.186	ng	94
33) 4-Chloroaniline	10.598	127	92479	10.179	ng	98
34) Hexachlorobutadiene	10.751	225	207866	44.948	ng	96
35) Caprolactam	11.392	113	79463	34.669	ng	93
36) 4-Chloro-3-methylphenol	11.734	107	349143	45.194	ng	96
37) 2-Methylnaphthalene	12.081	142	638165	43.776	ng	99
38) 1-Methylnaphthalene	12.304	142	679515	43.565	ng	100
40) 1,2,4,5-Tetrachloroben...	12.457	216	386482	46.508	ng	99
41) Hexachlorocyclopentadiene	12.434	237	453539	90.008	ng	98
43) 2,4,6-Trichlorophenol	12.710	196	271510	50.444	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024781.D
 Acq On : 23 May 2025 06:37
 Operator : RC/JU
 Sample : Q2084-05MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-640-COMP-66MS

Quant Time: May 23 07:18:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

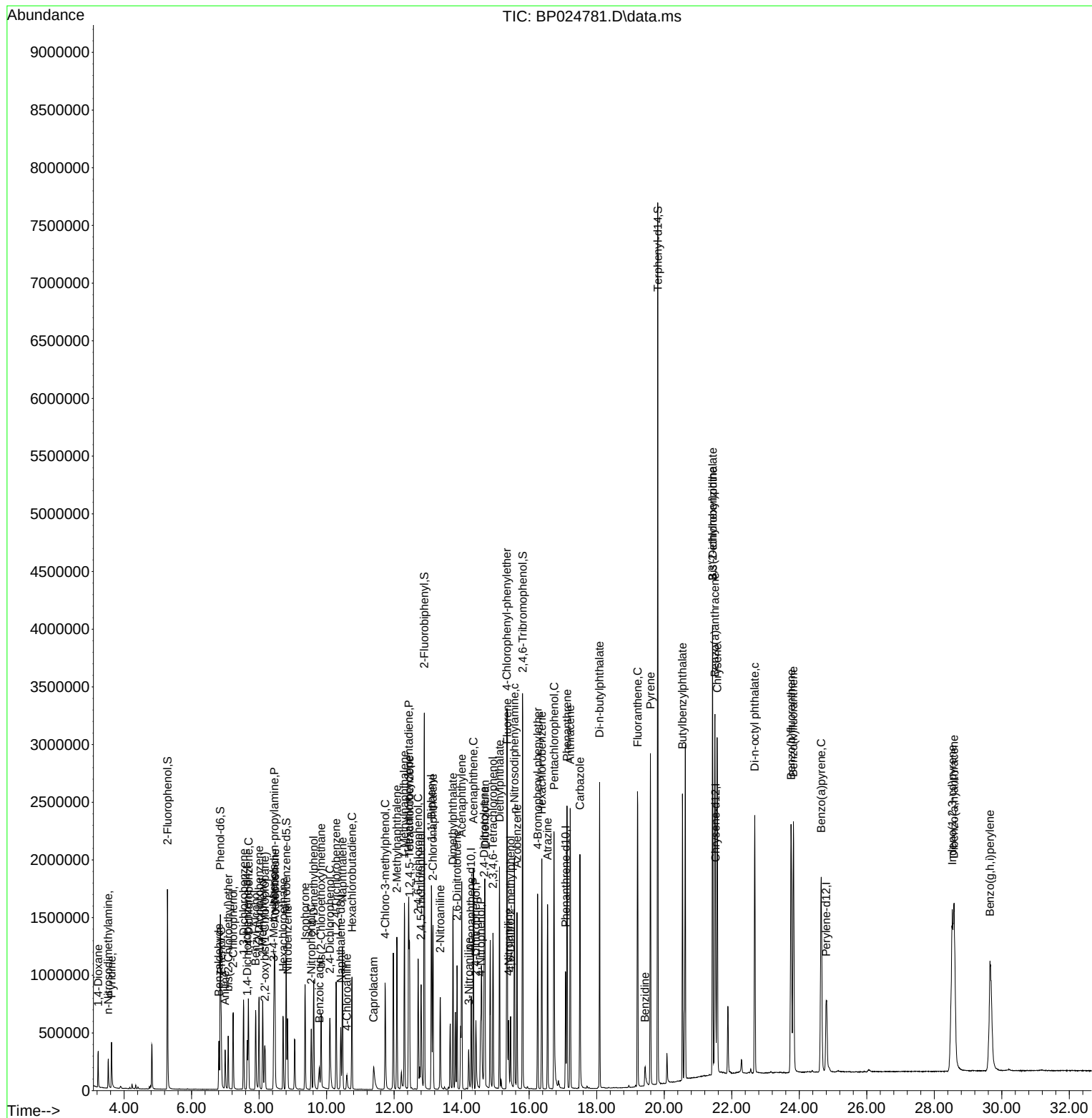
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	298072	49.751	ng	97
46) 1,1'-Biphenyl	13.104	154	960368	45.406	ng	99
47) 2-Chloronaphthalene	13.151	162	724470	44.923	ng	99
48) 2-Nitroaniline	13.369	65	208442	43.657	ng	92
49) Acenaphthylene	14.004	152	1224342	45.366	ng	100
50) Dimethylphthalate	13.745	163	1004105	46.035	ng	100
51) 2,6-Dinitrotoluene	13.863	165	215083	46.691	ng	99
52) Acenaphthene	14.345	154	697395	44.950	ng	100
53) 3-Nitroaniline	14.210	138	107885	22.937	ng	93
54) 2,4-Dinitrophenol	14.422	184	179869	63.368	ng	96
55) Dibenzofuran	14.692	168	1143281	46.198	ng	98
56) 4-Nitrophenol	14.563	139	291282	71.979	ng	95
57) 2,4-Dinitrotoluene	14.669	165	321669	49.531	ng	94
58) Fluorene	15.351	166	937787	46.474	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.927	232	277300	49.893	ng	94
60) Diethylphthalate	15.122	149	996665	45.210	ng	98
61) 4-Chlorophenyl-phenyle...	15.339	204	476218	47.322	ng	96
62) 4-Nitroaniline	15.392	138	183275	40.354	ng	98
63) Azobenzene	15.639	77	758380	40.213	ng	93
65) 4,6-Dinitro-2-methylph...	15.451	198	153062	40.991	ng	93
66) n-Nitrosodiphenylamine	15.563	169	821478	46.264	ng	100
67) 4-Bromophenyl-phenylether	16.251	248	336806	49.444	ng	99
68) Hexachlorobenzene	16.374	284	437590	50.555	ng	94
69) Atrazine	16.545	200	319741	49.136	ng	98
70) Pentachlorophenol	16.739	266	528649	108.802	ng	98
71) Phenanthrene	17.121	178	1494432	46.503	ng	99
72) Anthracene	17.216	178	1519903	47.008	ng	99
73) Carbazole	17.504	167	1403513	47.960	ng	99
74) Di-n-butylphthalate	18.086	149	1776899	47.212	ng	99
75) Fluoranthene	19.210	202	1768091	47.067	ng	98
77) Benzidine	19.433	184	164476	8.932	ng	100
78) Pyrene	19.592	202	1833386	45.257	ng	100
80) Butylbenzylphthalate	20.539	149	820550	45.544	ng	94
81) Benzo(a)anthracene	21.498	228	1961039	46.193	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	443743	28.142	ng	98
83) Chrysene	21.568	228	1846260	45.877	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	1197514	45.221	ng	98
85) Di-n-octyl phthalate	22.680	149	2044617	47.215	ng	98
87) Indeno(1,2,3-cd)pyrene	28.533	276	2905896	49.943	ng	# 88
88) Benzo(b)fluoranthene	23.756	252	2141437	46.943	ng	99
89) Benzo(k)fluoranthene	23.827	252	2158581	45.921	ng	99
90) Benzo(a)pyrene	24.651	252	2053264	46.865	ng	98
91) Dibenzo(a,h)anthracene	28.586	278	2377257	50.222	ng	98
92) Benzo(g,h,i)perylene	29.650	276	2306774	49.005	ng	97

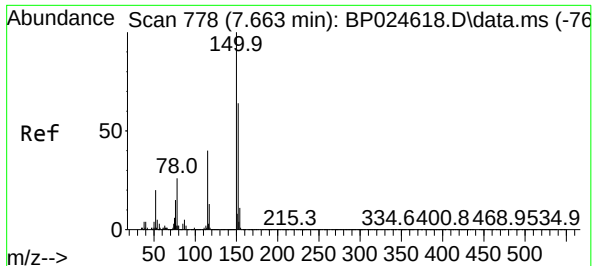
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024781.D
Acq On : 23 May 2025 06:37
Operator : RC/JU
Sample : Q2084-05MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

Quant Time: May 23 07:18:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

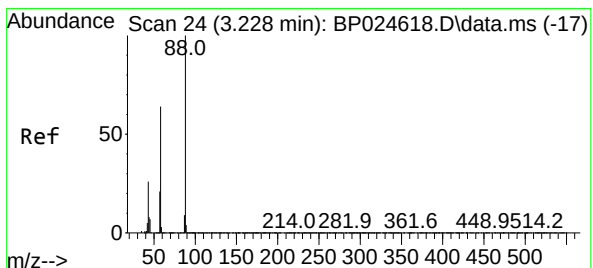
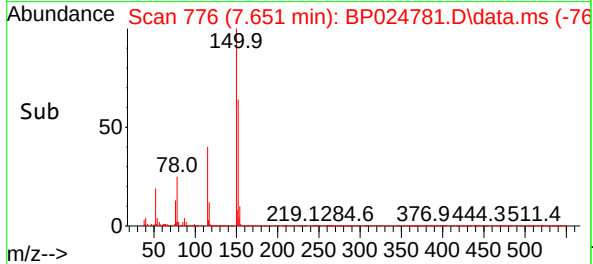
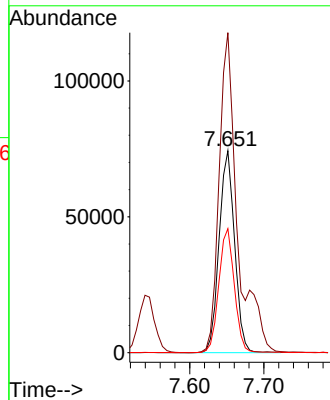
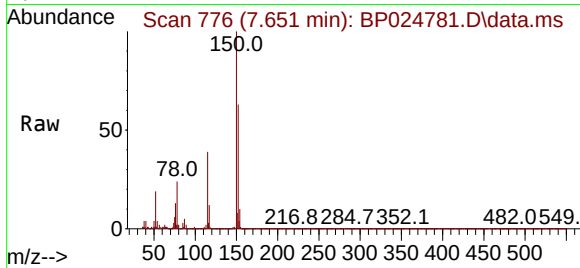




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

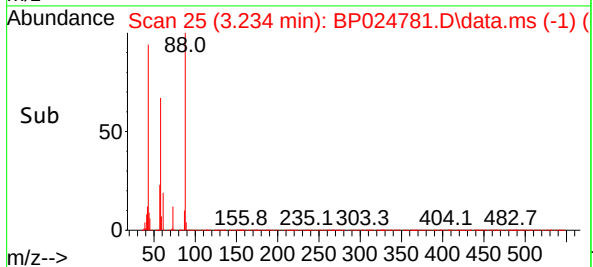
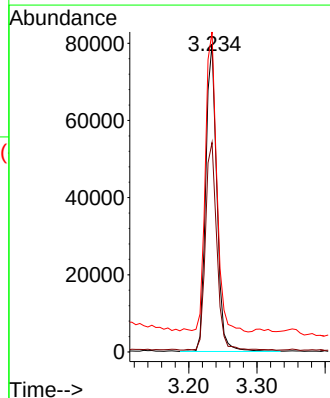
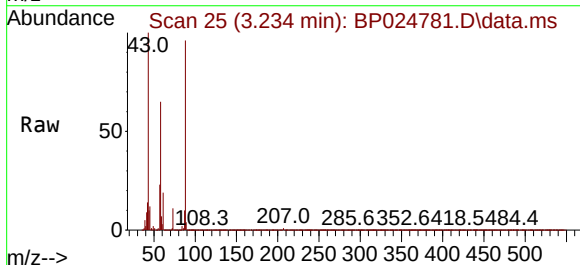
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

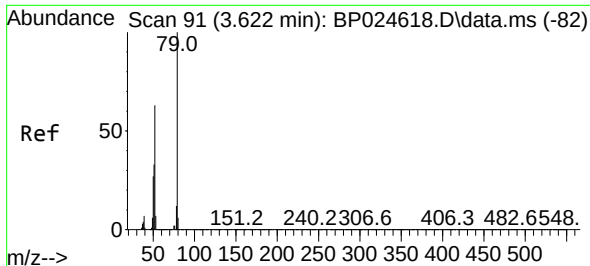
Tgt Ion:152 Resp: 108037
Ion Ratio Lower Upper
152 100
150 158.5 125.9 188.9
115 61.4 50.1 75.1



#2
1,4-Dioxane
Concen: 30.409 ng
RT: 3.234 min Scan# 25
Delta R.T. 0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 88 Resp: 90197
Ion Ratio Lower Upper
88 100
58 69.3 54.0 81.0
43 100.1 21.4 32.0#

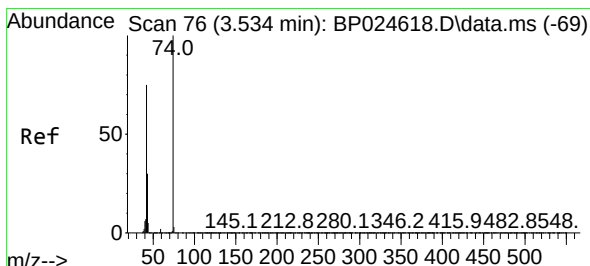
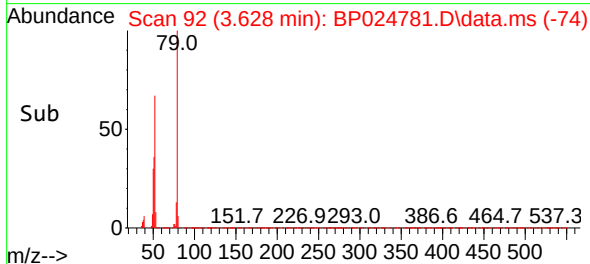
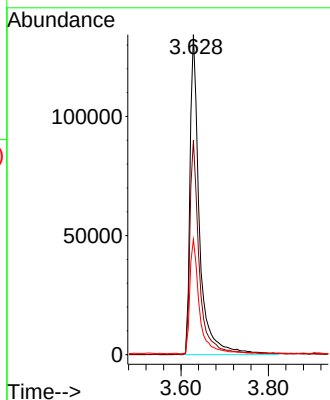
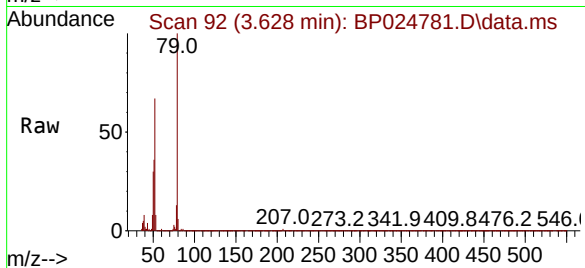




#3
Pyridine
Concen: 30.847 ng
RT: 3.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

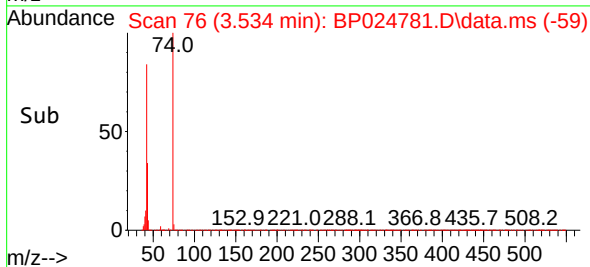
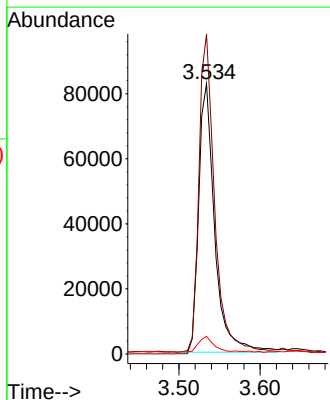
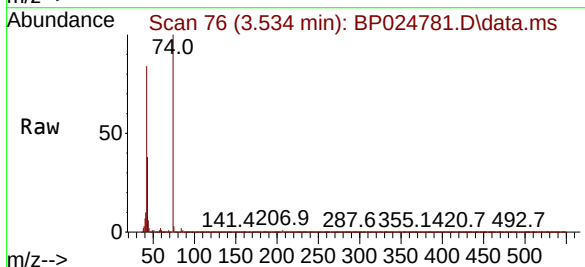
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

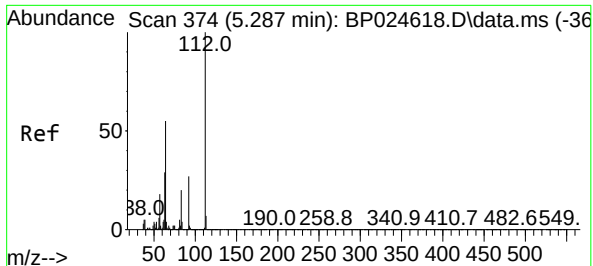
Tgt Ion: 79 Resp: 202877
Ion Ratio Lower Upper
79 100
52 67.0 50.2 75.2
51 36.0 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 39.138 ng
RT: 3.534 min Scan# 76
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 42 Resp: 113639
Ion Ratio Lower Upper
42 100
74 118.4 106.2 159.2
44 6.5 5.4 8.2

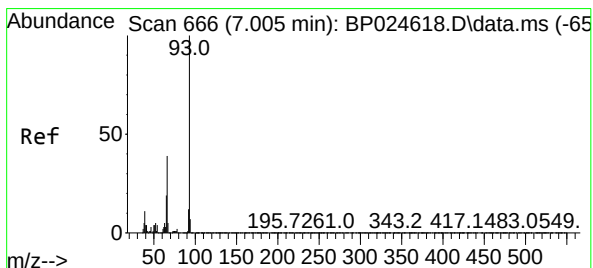
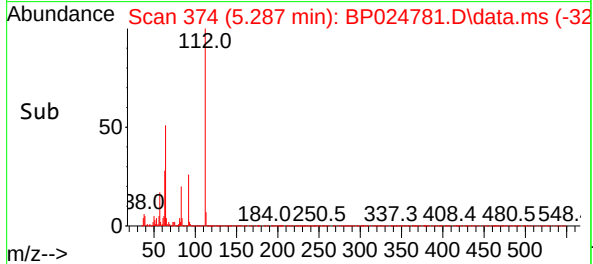
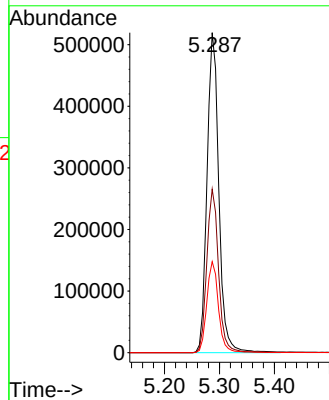
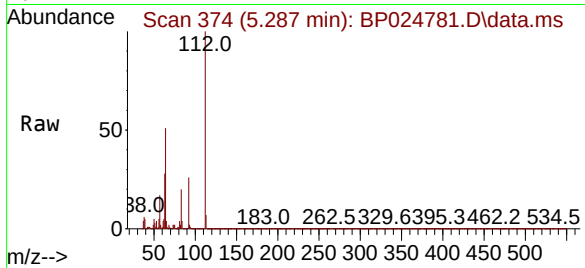




#5
2-Fluorophenol
Concen: 122.285 ng
RT: 5.287 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

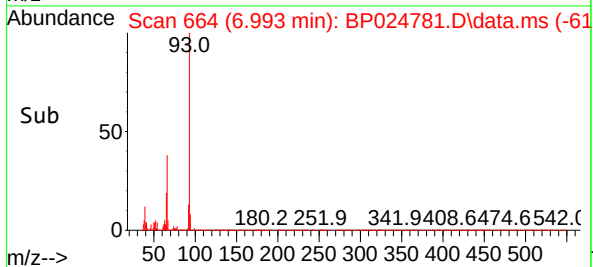
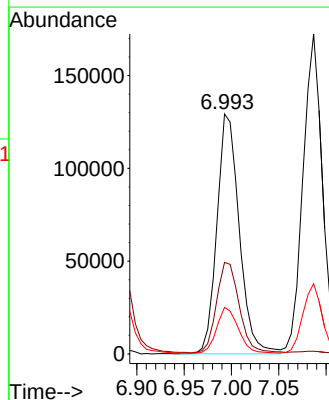
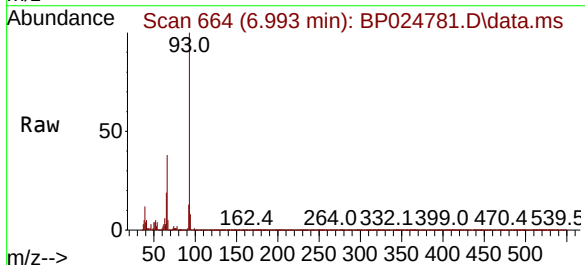
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

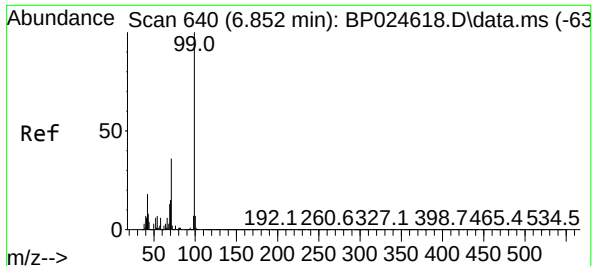
Tgt Ion:112 Resp: 772423
Ion Ratio Lower Upper
112 100
64 51.1 44.1 66.1
63 28.5 23.5 35.3



#6
Aniline
Concen: 20.395 ng
RT: 6.993 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 93 Resp: 212282
Ion Ratio Lower Upper
93 100
66 38.1 31.0 46.6
65 19.4 15.5 23.3

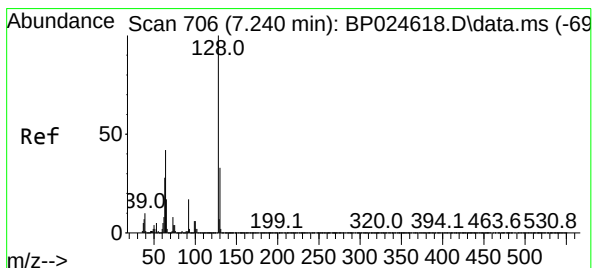
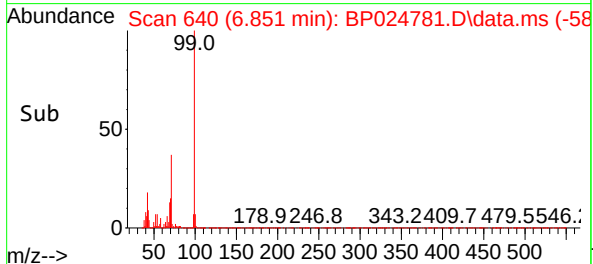
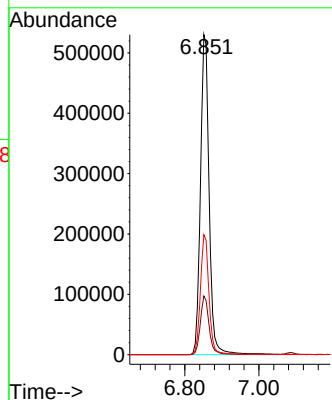
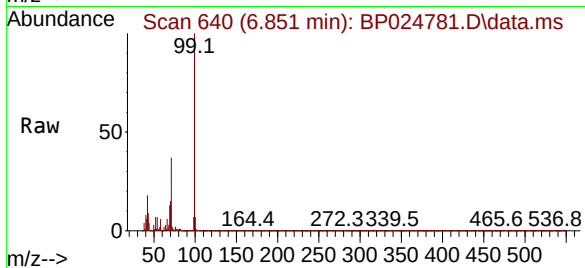




#7
Phenol-d6
Concen: 106.562 ng
RT: 6.851 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

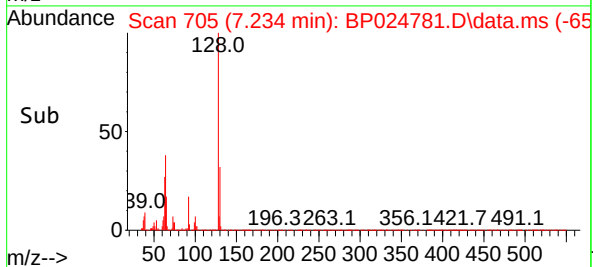
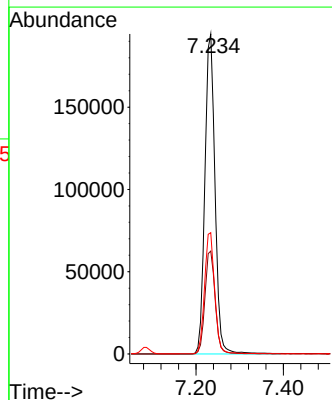
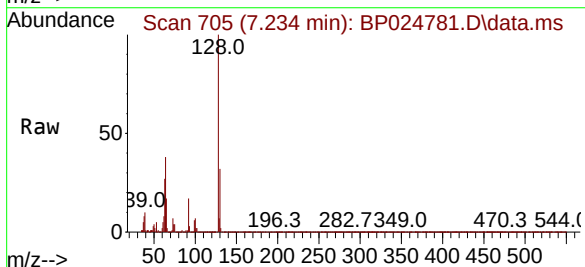
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

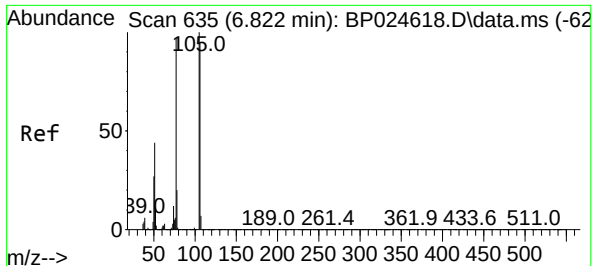
Tgt Ion: 99 Resp: 859068
Ion Ratio Lower Upper
99 100
42 18.4 14.4 21.6
71 37.5 29.2 43.8



#8
2-Chlorophenol
Concen: 43.808 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 128 Resp: 314135
Ion Ratio Lower Upper
128 100
130 32.2 13.0 53.0
64 37.9 22.3 62.3

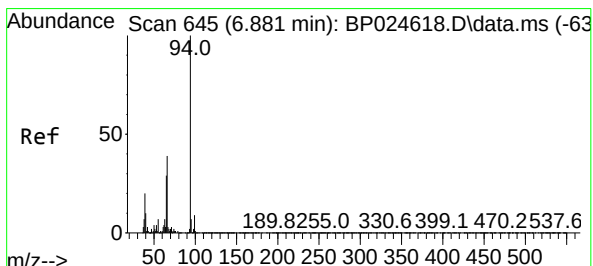
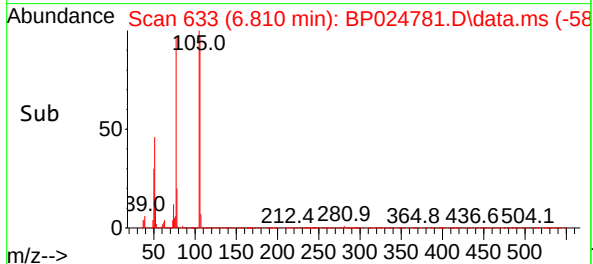
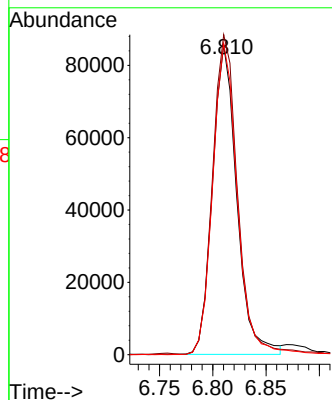
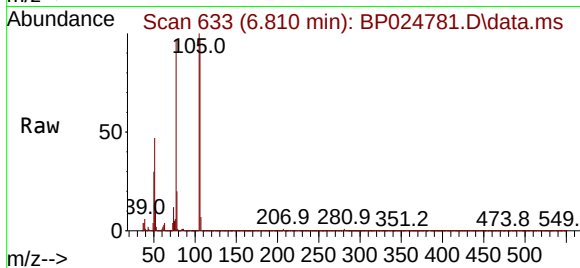




#9
Benzaldehyde
Concen: 26.015 ng
RT: 6.810 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

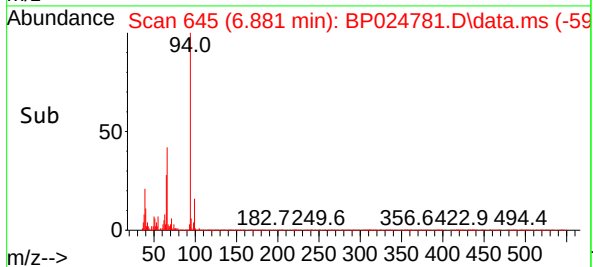
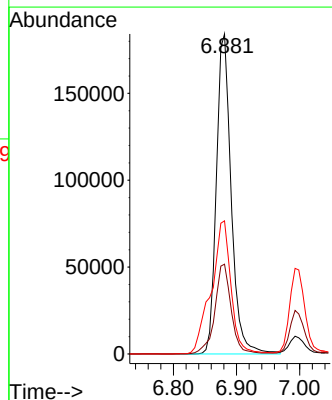
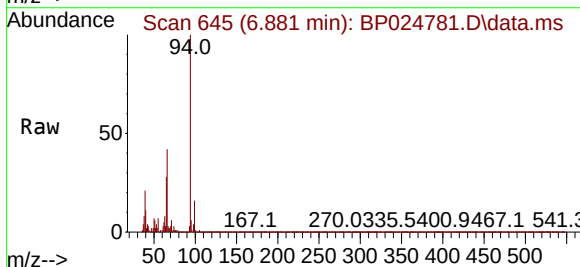
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

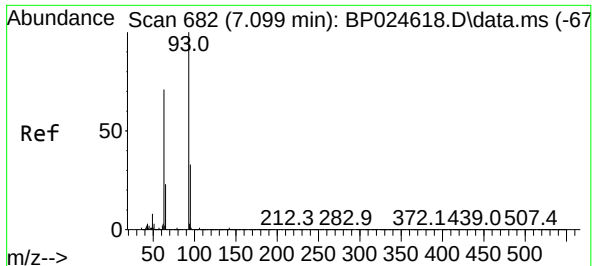
Tgt Ion: 77 Resp: 135760
Ion Ratio Lower Upper
77 100
105 103.4 83.3 123.3
106 100.4 78.0 118.0



#10
Phenol
Concen: 36.081 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 94 Resp: 300215
Ion Ratio Lower Upper
94 100
65 28.1 8.7 48.7
66 41.6 19.4 59.4





#11

bis(2-Chloroethyl)ether

Concen: 36.475 ng

RT: 7.087 min Scan# 61

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

OR-640-COMP-66MS

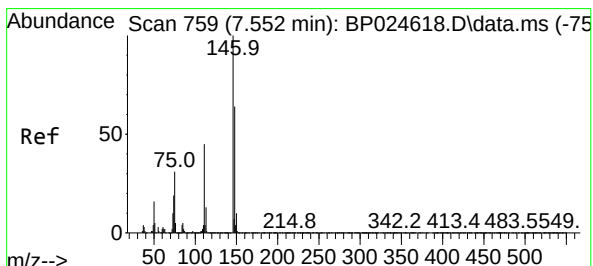
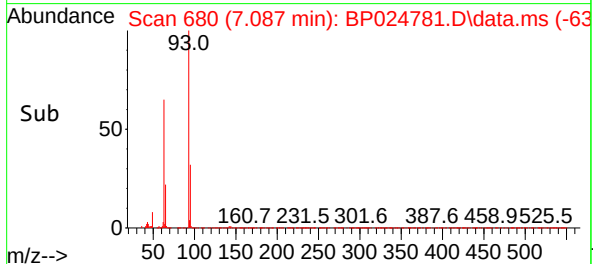
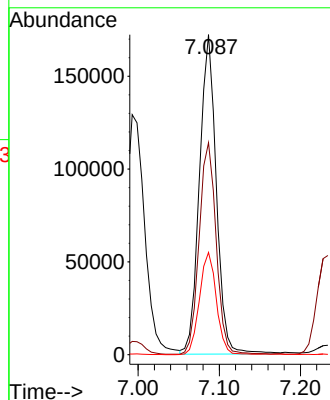
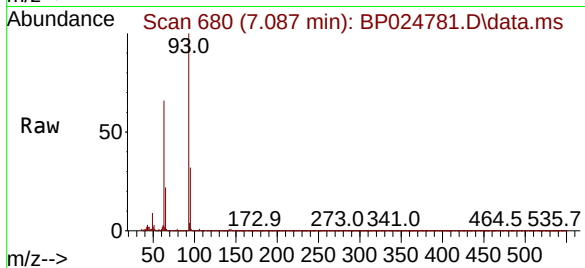
Tgt Ion: 93 Resp: 249380

Ion Ratio Lower Upper

93 100

63 66.2 50.6 90.6

95 31.9 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 38.141 ng

RT: 7.540 min Scan# 757

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

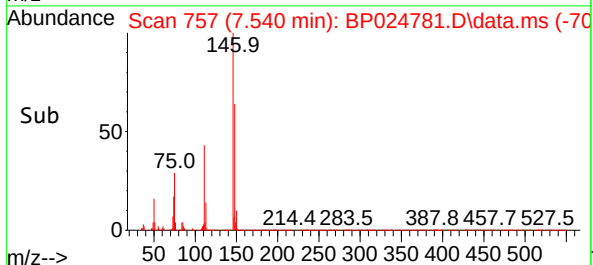
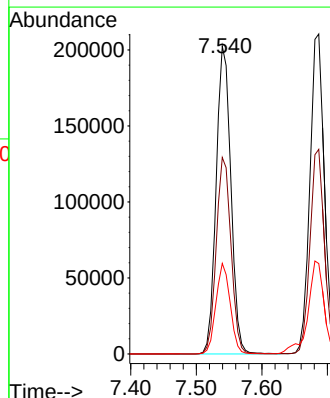
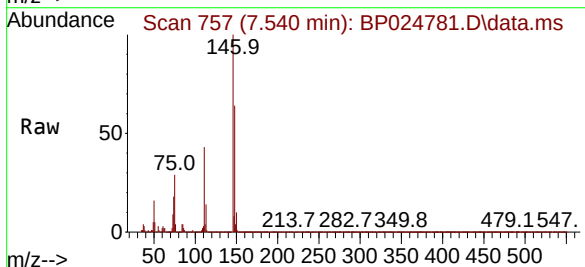
Tgt Ion: 146 Resp: 314661

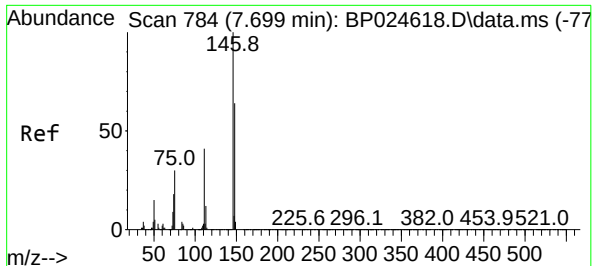
Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.2

75 29.4 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 38.971 ng

RT: 7.687 min Scan# 71

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

OR-640-COMP-66MS

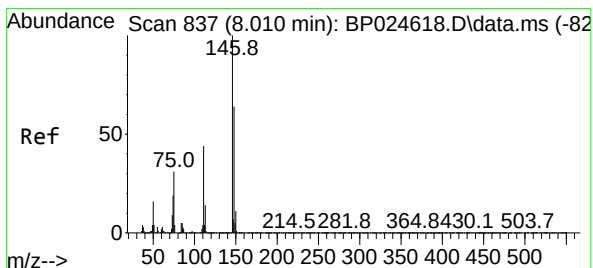
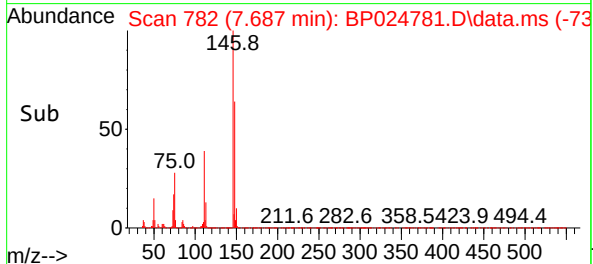
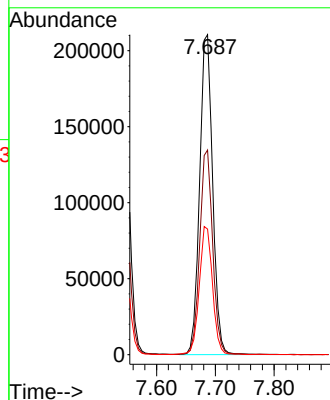
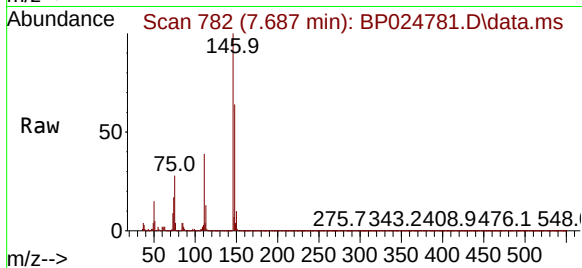
Tgt Ion:146 Resp: 323358

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.6

111 39.2 33.0 49.6



#14

1,2-Dichlorobenzene

Concen: 38.813 ng

RT: 7.998 min Scan# 835

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

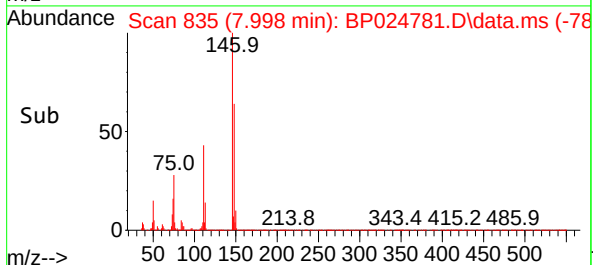
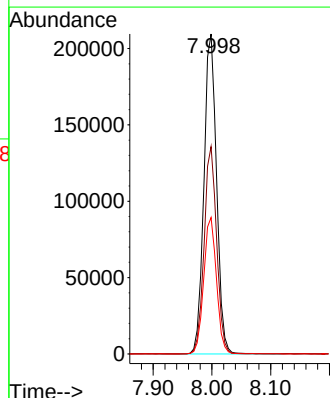
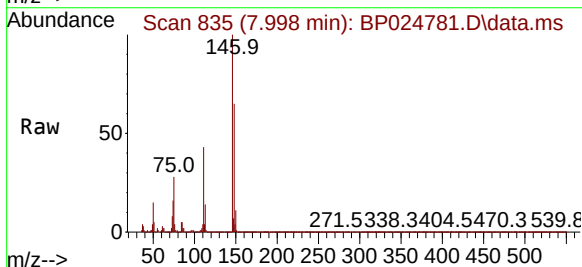
Tgt Ion:146 Resp: 313813

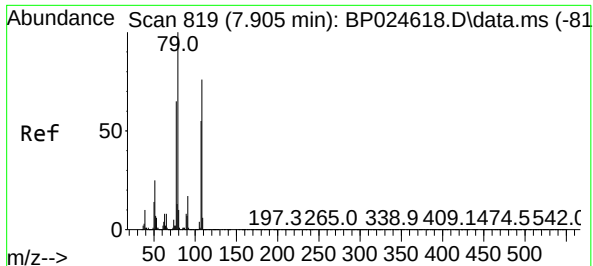
Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.4

111 42.7 35.2 52.8

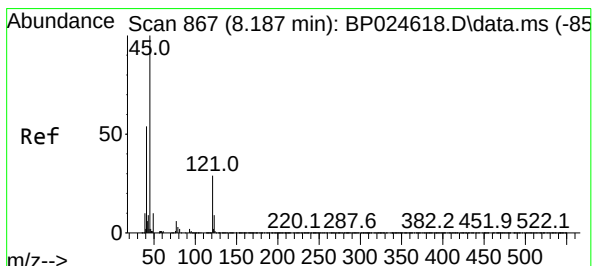
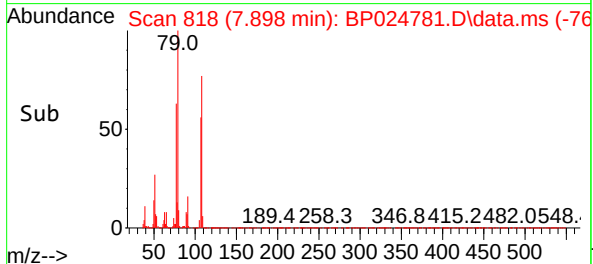
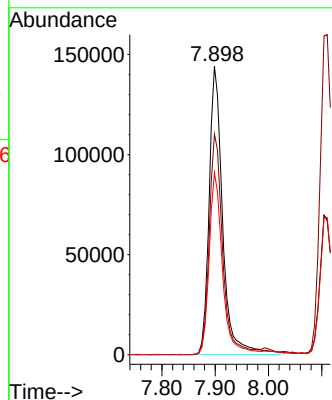
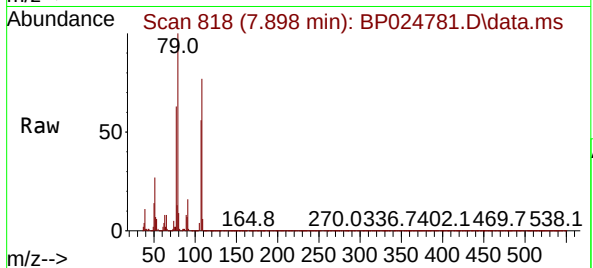




#15
Benzyl Alcohol
Concen: 41.585 ng
RT: 7.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

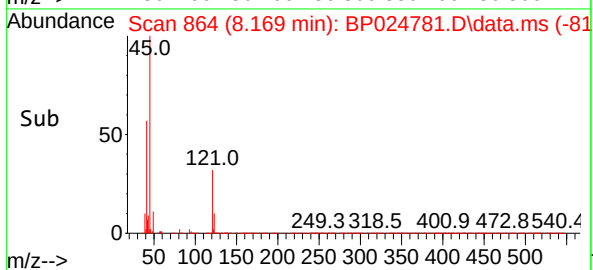
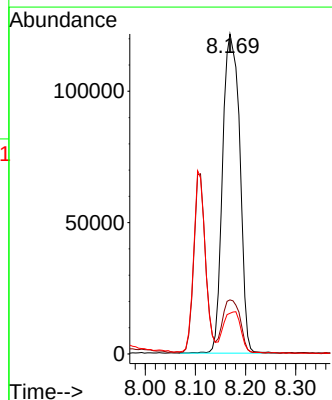
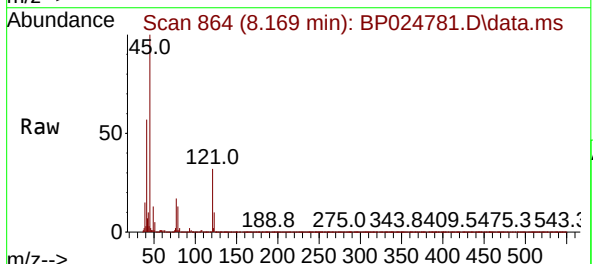
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

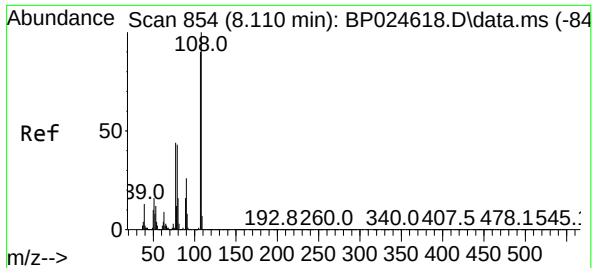
Tgt Ion: 79 Resp: 254761
Ion Ratio Lower Upper
79 100
108 76.5 60.8 91.2
77 63.1 51.9 77.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.298 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.018 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 45 Resp: 289017
Ion Ratio Lower Upper
45 100
77 16.9 0.0 37.7
79 12.7 0.0 34.0

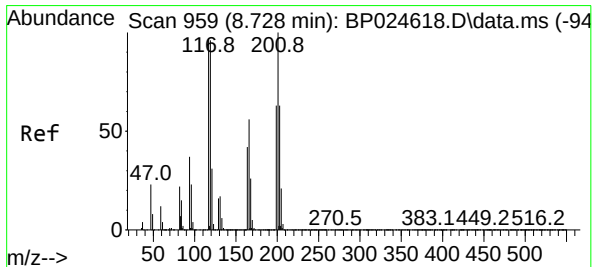
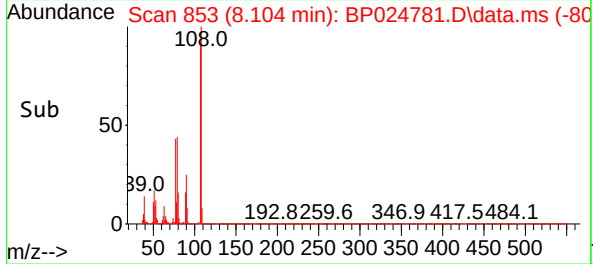
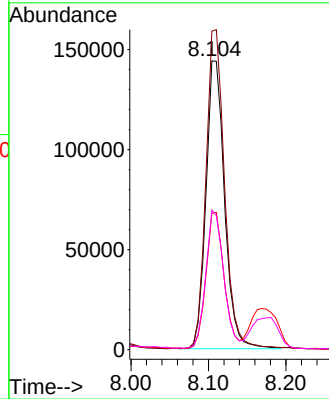
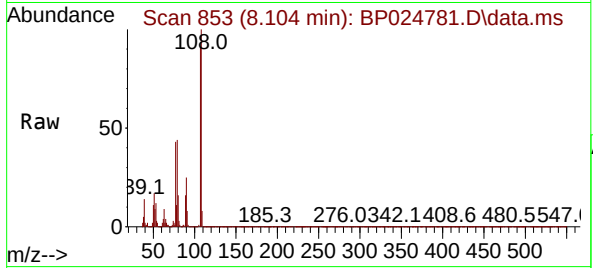




#17
2-Methylphenol
Concen: 40.283 ng
RT: 8.104 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

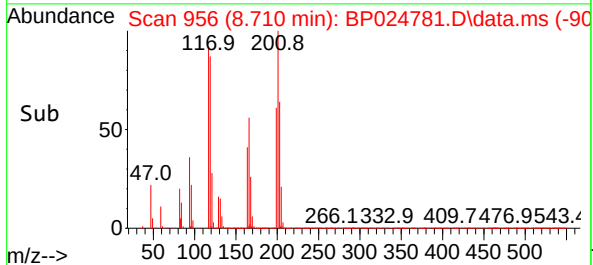
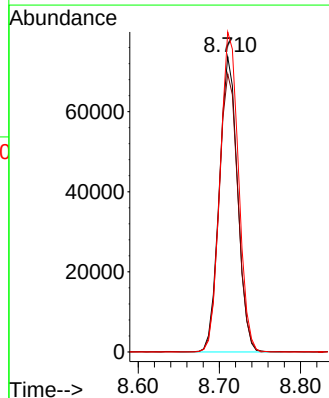
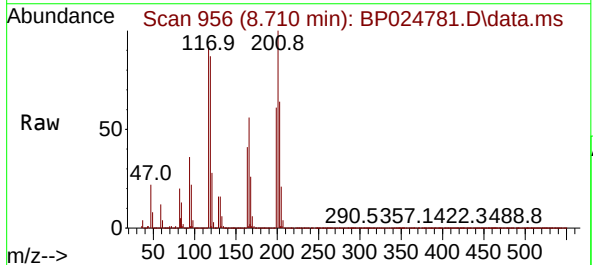
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

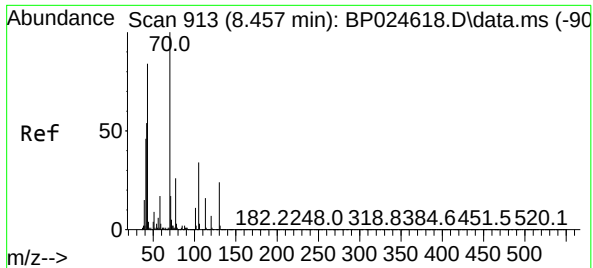
Tgt Ion:107 Resp: 240401
Ion Ratio Lower Upper
107 100
108 110.3 88.9 133.3
77 47.3 39.0 58.6
79 48.3 38.4 57.6



#18
Hexachloroethane
Concen: 36.324 ng
RT: 8.710 min Scan# 956
Delta R.T. -0.018 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:117 Resp: 115499
Ion Ratio Lower Upper
117 100
119 94.2 79.4 119.0
201 108.4 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 35.468 ng

RT: 8.451 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

OR-640-COMP-66MS

Tgt Ion: 70 Resp: 197788

Ion	Ratio	Lower	Upper
70	100		
42	56.5	43.0	64.6
101	12.0	8.7	13.1
130	28.2	19.4	29.0

Abundance

8.451

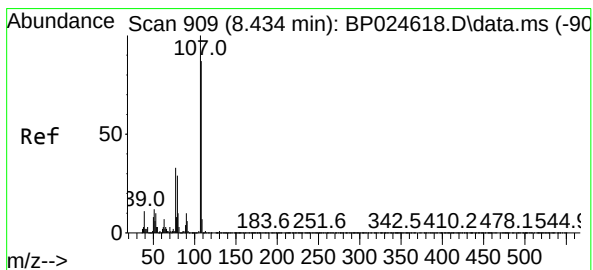
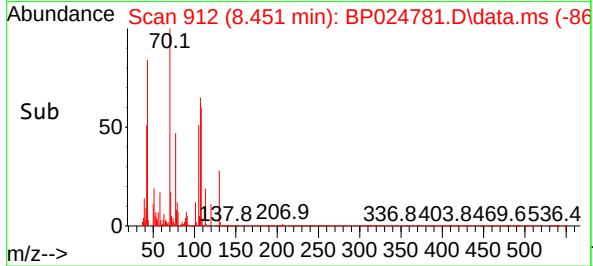
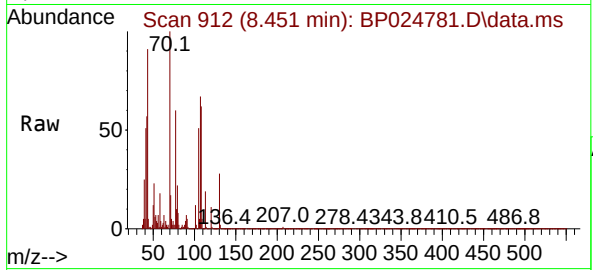
100000

50000

0

8.40 8.50 8.60

Time-->



#20

3+4-Methylphenols

Concen: 40.718 ng

RT: 8.434 min Scan# 909

Delta R.T. -0.000 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Tgt Ion: 107 Resp: 330548

Ion	Ratio	Lower	Upper
107	100		
108	85.8	66.7	106.7
77	33.1	13.1	53.1
79	27.4	8.9	48.9

Abundance

200000

150000

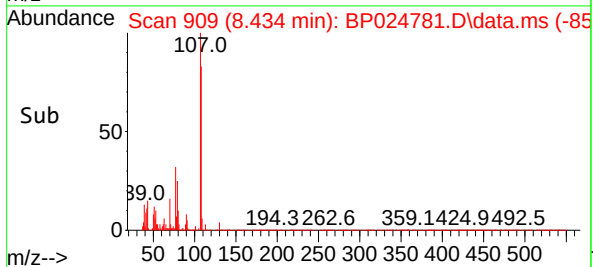
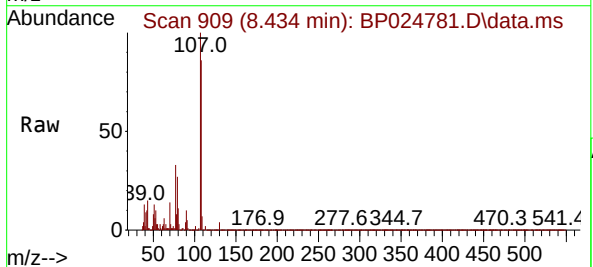
100000

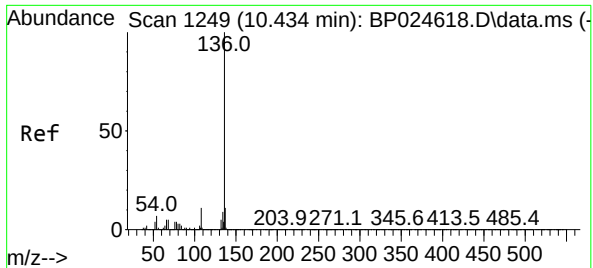
50000

0

8.40 8.60

Time-->

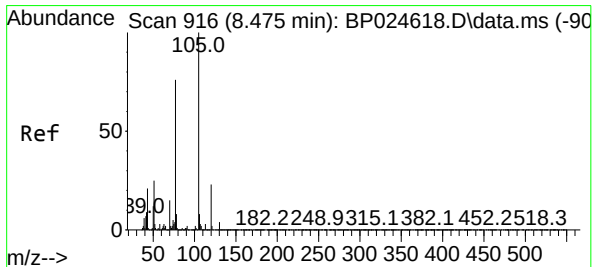
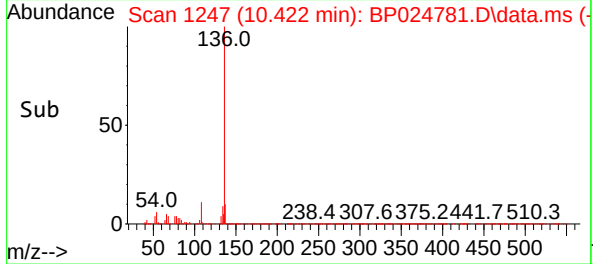
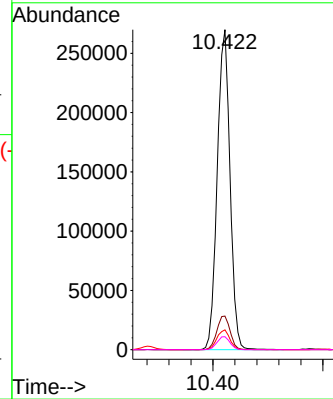
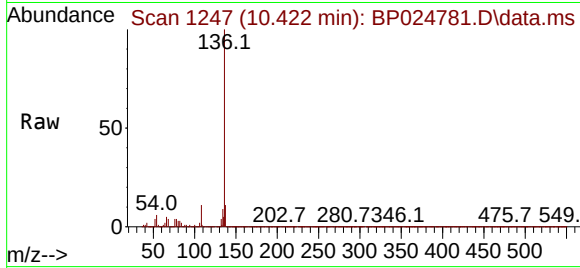




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

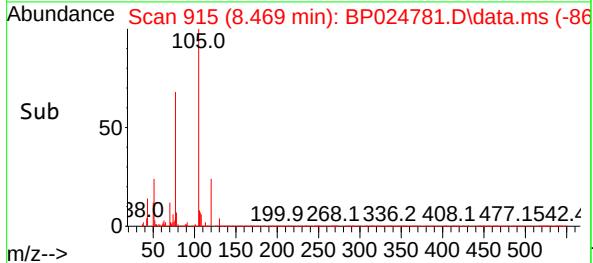
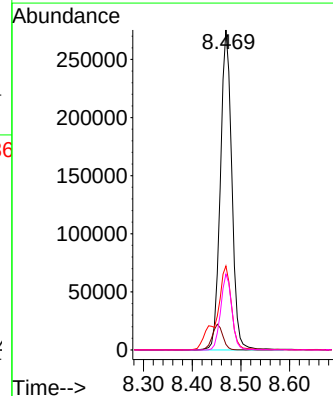
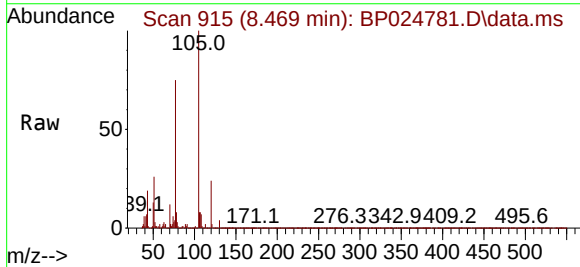
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

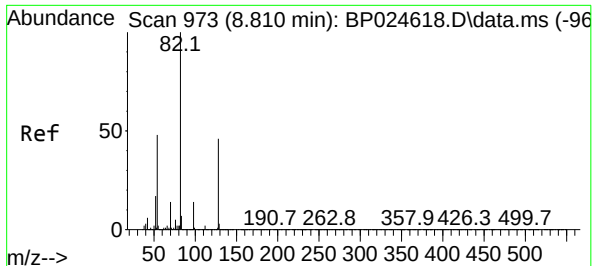
Tgt Ion:	136	Resp:	434452
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.2	5.5	8.3
68	4.1	4.2	6.2



#22
Acetophenone
Concen: 41.386 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:	105	Resp:	449135
Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.0	3.0
51	26.2	20.4	30.6
120	23.7	18.1	27.1

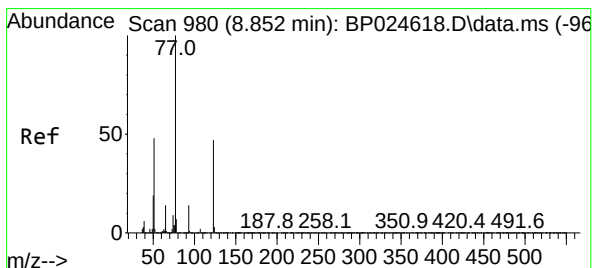
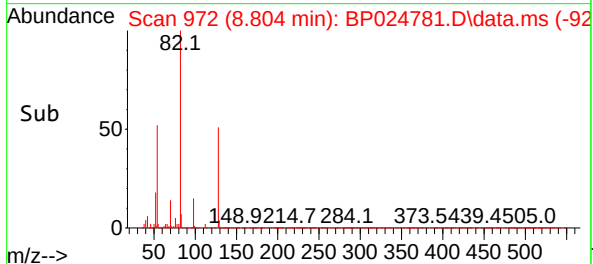
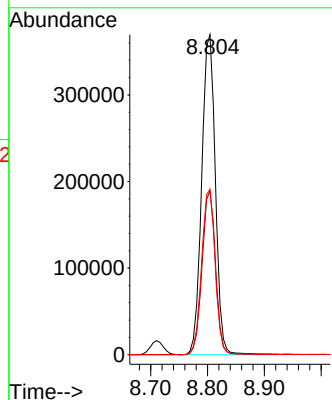
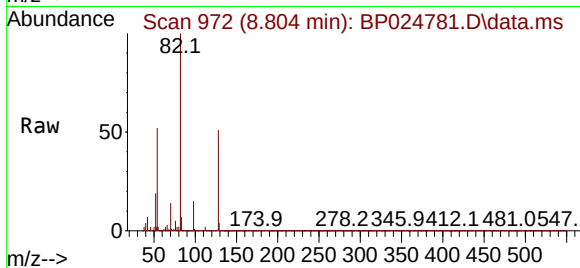




#23
Nitrobenzene-d5
Concen: 71.834 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

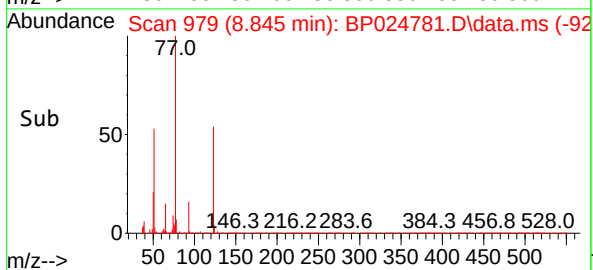
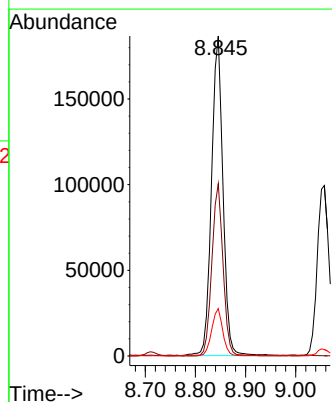
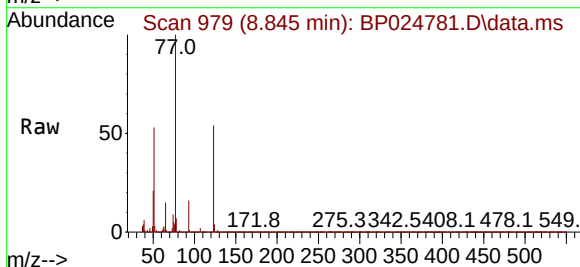
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

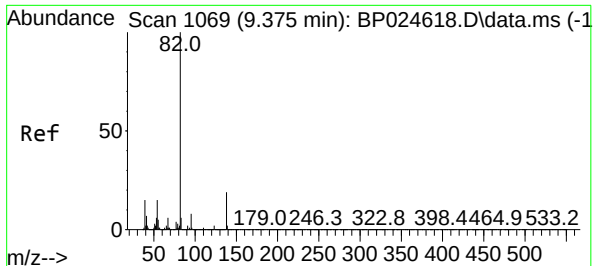
Tgt Ion: 82 Resp: 617668
Ion Ratio Lower Upper
82 100
128 51.2 37.0 55.4
54 51.6 38.7 58.1



#24
Nitrobenzene
Concen: 39.183 ng
RT: 8.845 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 77 Resp: 296491
Ion Ratio Lower Upper
77 100
123 53.9 37.4 56.0
65 14.8 11.3 16.9

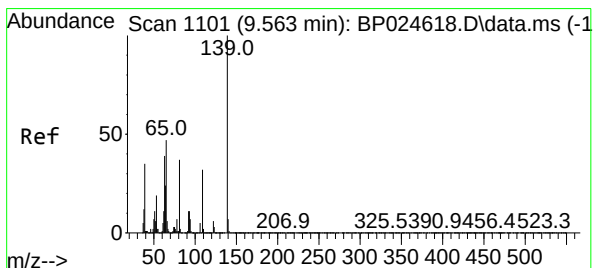
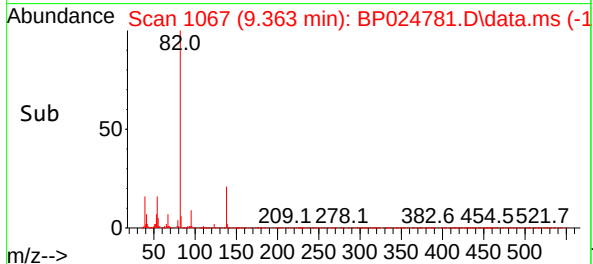
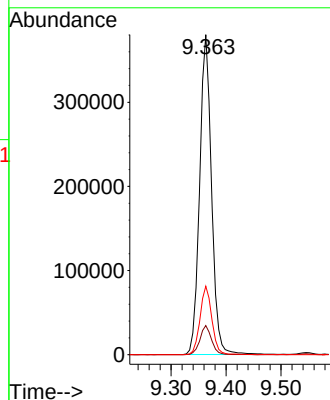
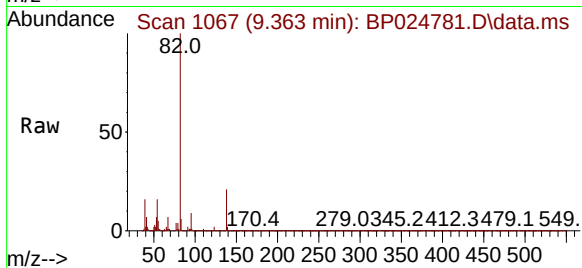




#25
Isophorone
Concen: 38.445 ng
RT: 9.363 min Scan# 1098
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

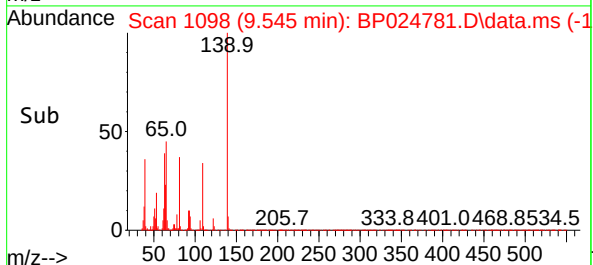
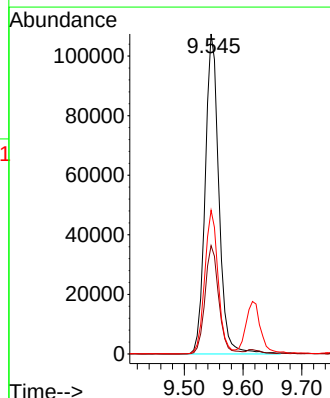
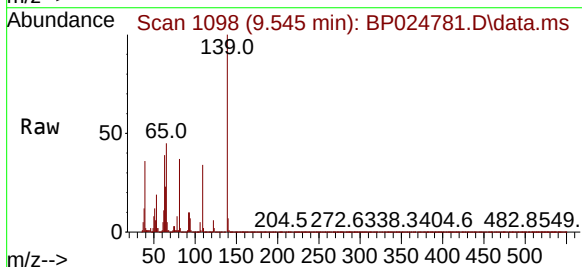
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

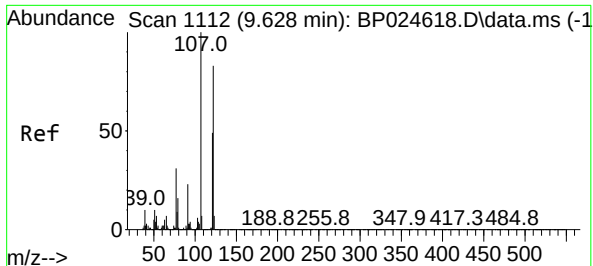
Tgt Ion: 82 Resp: 573414
Ion Ratio Lower Upper
82 100
95 9.1 6.3 9.5
138 21.4 15.3 22.9



#26
2-Nitrophenol
Concen: 46.830 ng
RT: 9.545 min Scan# 1098
Delta R.T. -0.018 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 139 Resp: 173638
Ion Ratio Lower Upper
139 100
109 33.8 25.9 38.9
65 44.9 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 44.700 ng

RT: 9.616 min Scan# 1110

Delta R.T. -0.012 min

Lab File: BP024781.D

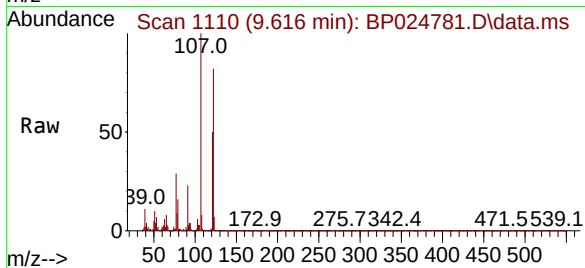
Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

OR-640-COMP-66MS



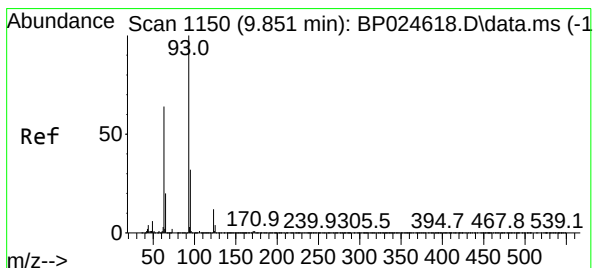
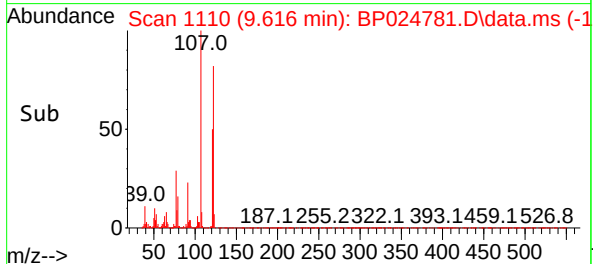
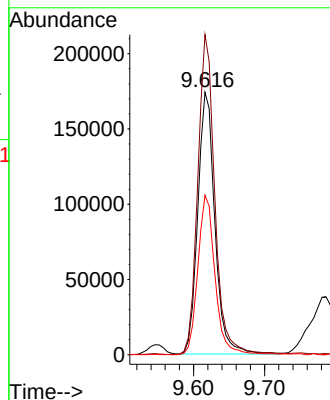
Tgt Ion:122 Resp: 292215

Ion Ratio Lower Upper

122 100

107 121.9 96.2 144.2

121 60.7 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 38.979 ng

RT: 9.840 min Scan# 1148

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

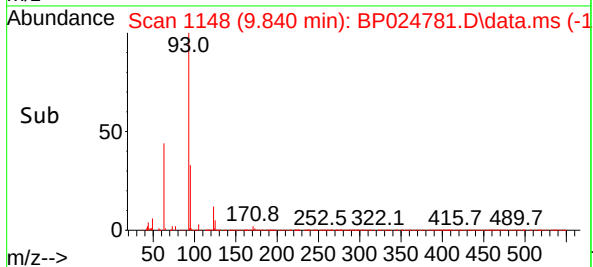
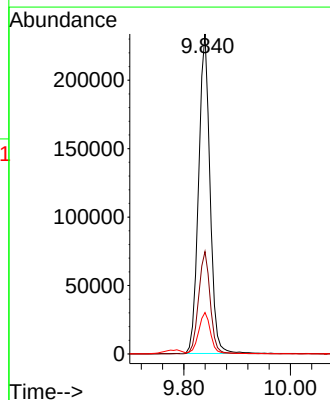
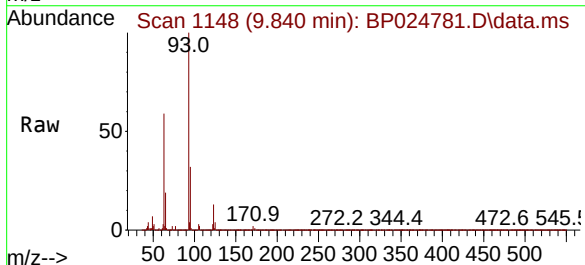
Tgt Ion: 93 Resp: 347343

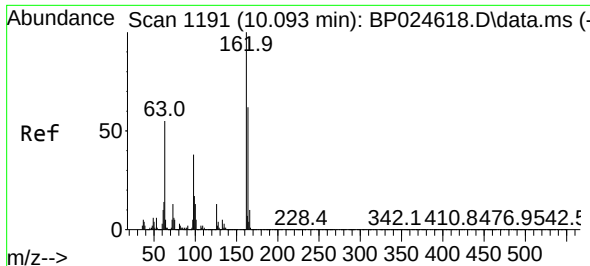
Ion Ratio Lower Upper

93 100

95 32.0 25.5 38.3

123 13.0 9.7 14.5

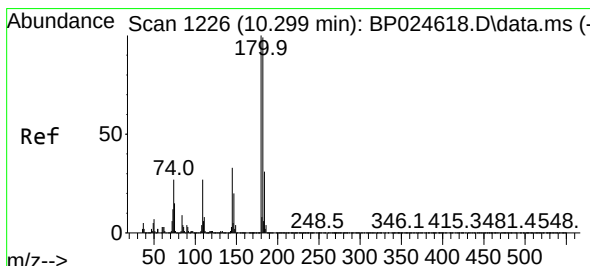
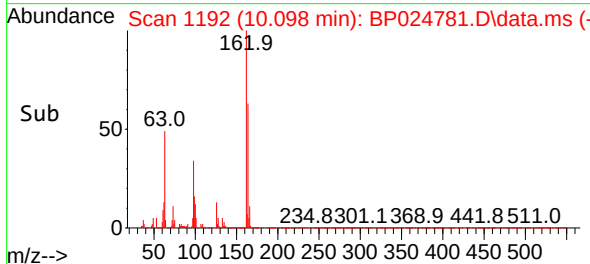
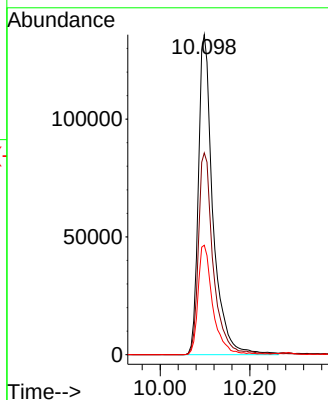
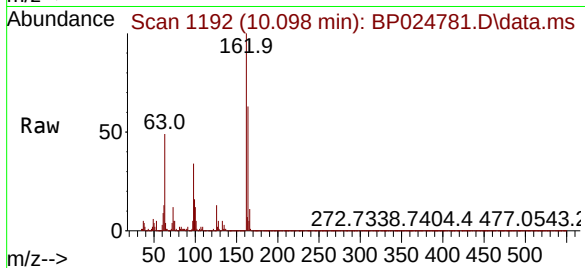




#29
2,4-Dichlorophenol
Concen: 48.313 ng
RT: 10.098 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

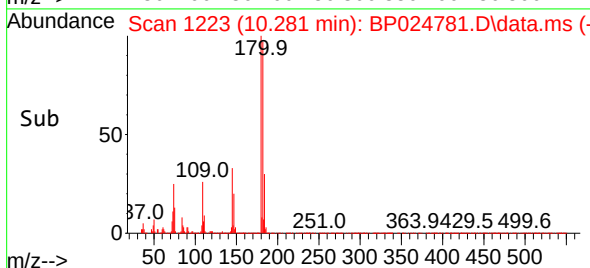
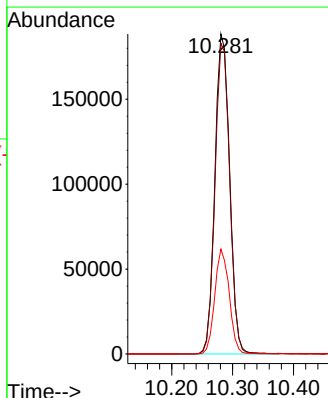
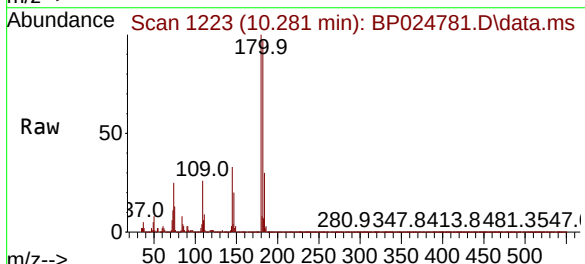
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

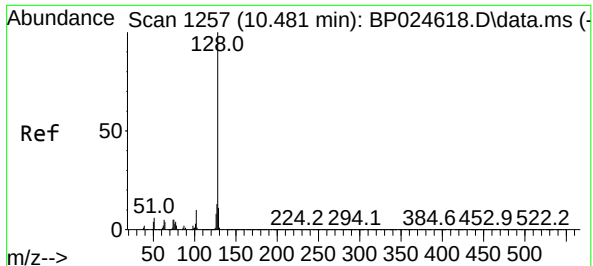
Tgt Ion:162 Resp: 306064
Ion Ratio Lower Upper
162 100
164 63.1 42.3 82.3
98 34.2 18.4 58.4



#30
1,2,4-Trichlorobenzene
Concen: 44.397 ng
RT: 10.281 min Scan# 1223
Delta R.T. -0.018 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:180 Resp: 316944
Ion Ratio Lower Upper
180 100
182 97.1 79.0 118.4
145 32.8 26.6 39.8

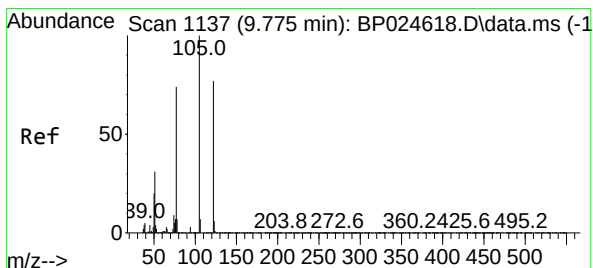
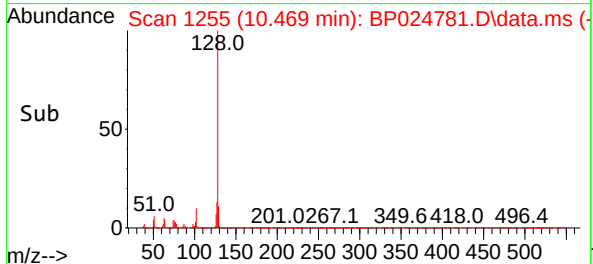
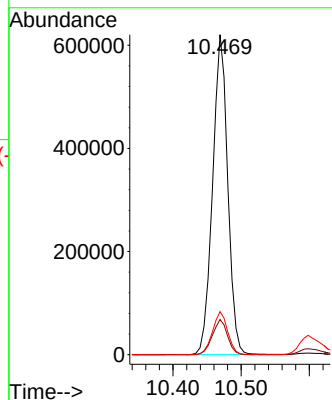
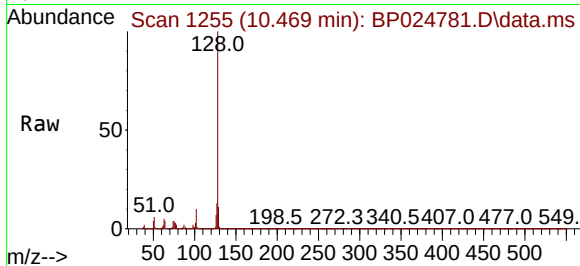




#31
Naphthalene
Concen: 42.523 ng
RT: 10.469 min Scan# 1139
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

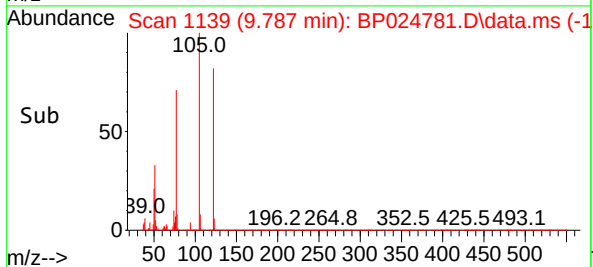
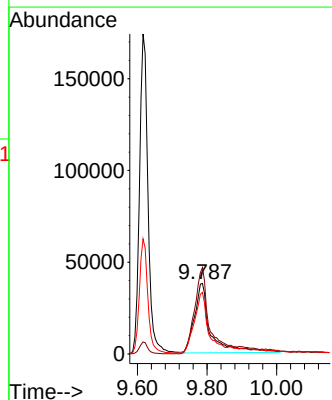
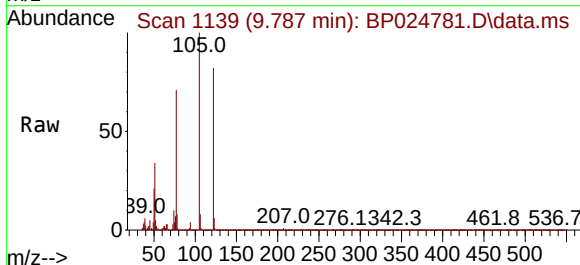
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

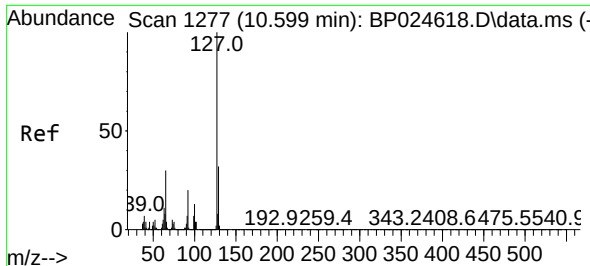
Tgt Ion:128 Resp: 957345
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 30.186 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:122 Resp: 122437
Ion Ratio Lower Upper
122 100
105 122.7 106.9 146.9
77 87.4 75.1 115.1

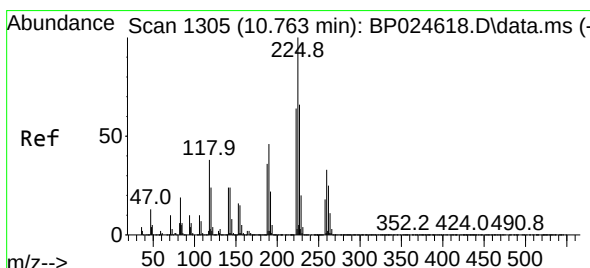
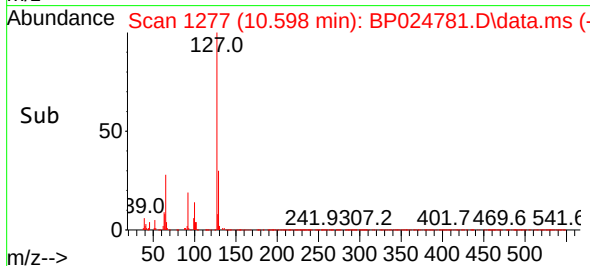
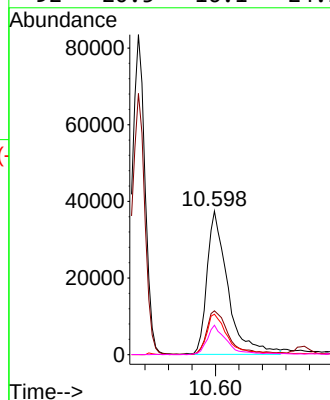
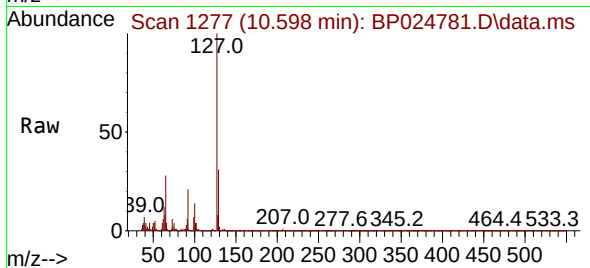




#33
4-Chloroaniline
Concen: 10.179 ng
RT: 10.598 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

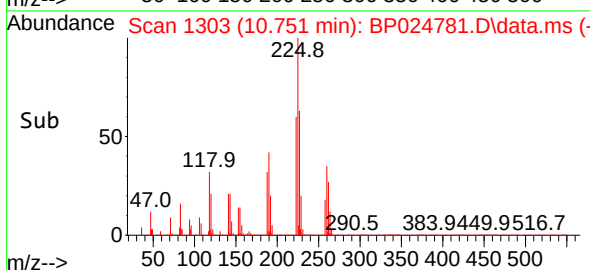
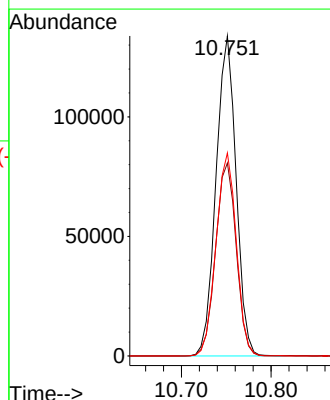
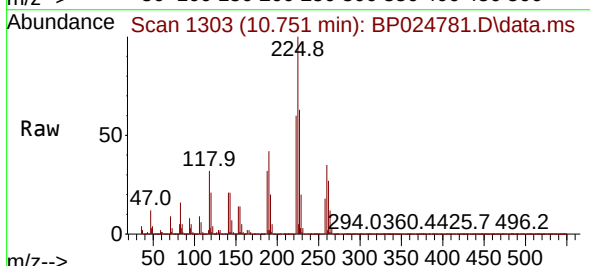
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

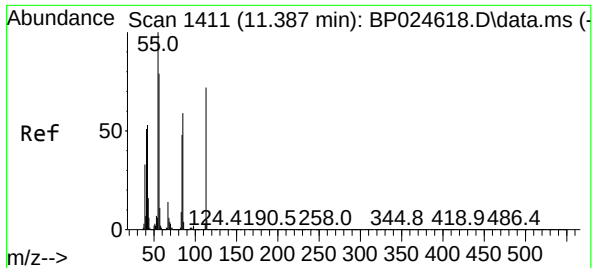
Tgt Ion:	127	Resp:	92479
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.8	38.6
65	28.2	23.9	35.9
92	20.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 44.948 ng
RT: 10.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:	225	Resp:	207866
Ion	Ratio	Lower	Upper
225	100		
223	60.3	51.0	76.6
227	63.4	53.1	79.7

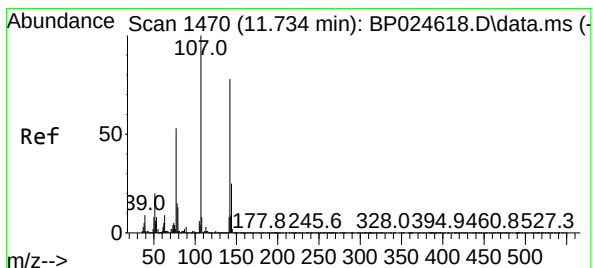
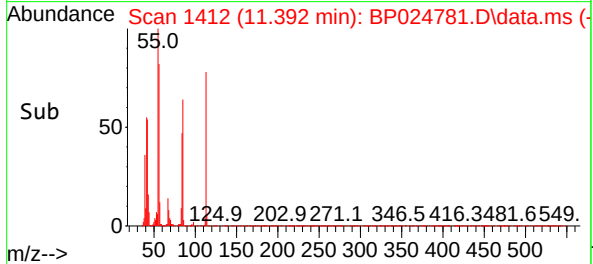
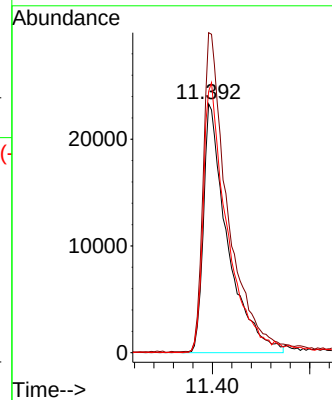
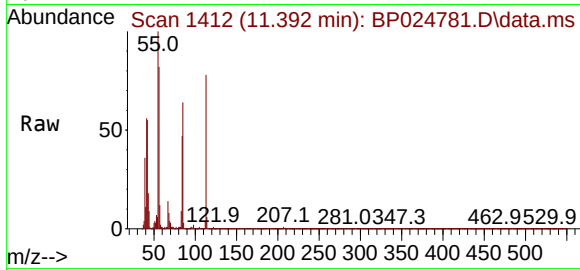




#35
Caprolactam
Concen: 34.669 ng
RT: 11.392 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

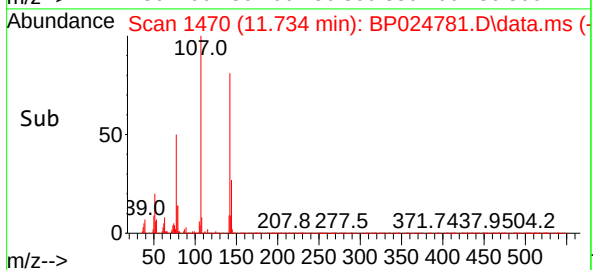
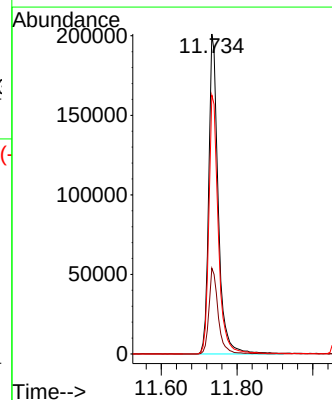
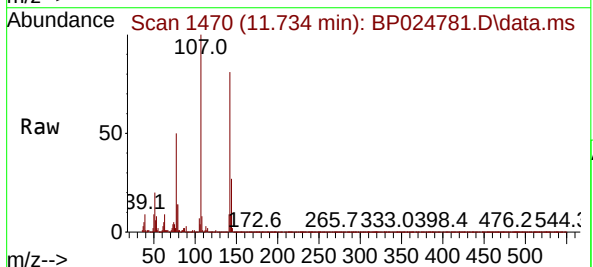
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

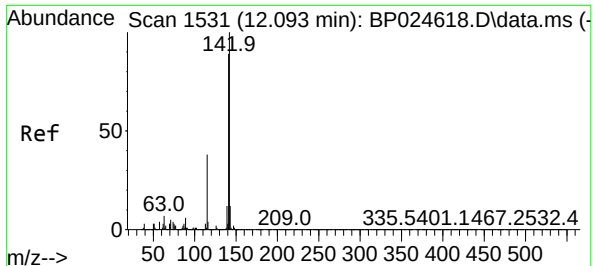
Tgt Ion:113 Resp: 79463
Ion Ratio Lower Upper
113 100
55 128.6 119.0 159.0
56 105.0 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 45.194 ng
RT: 11.734 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:107 Resp: 349143
Ion Ratio Lower Upper
107 100
144 26.8 20.1 30.1
142 80.9 62.1 93.1

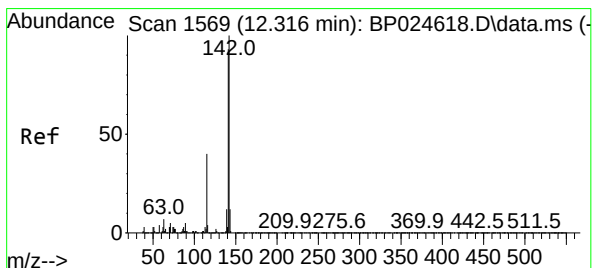
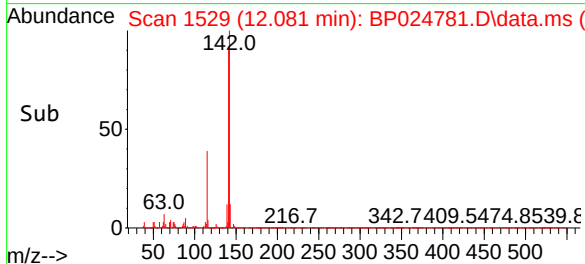
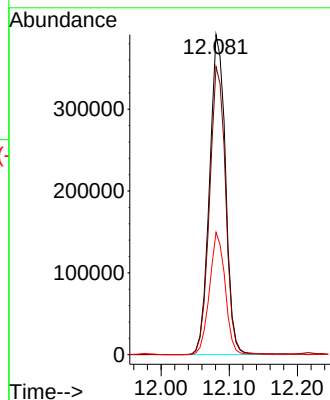
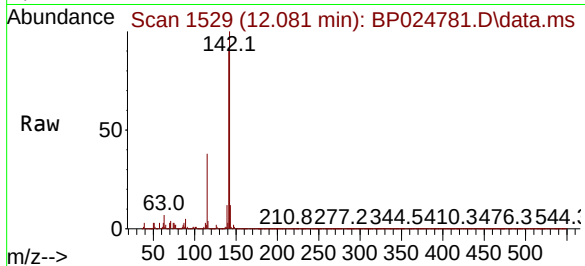




#37
2-Methylnaphthalene
Concen: 43.776 ng
RT: 12.081 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

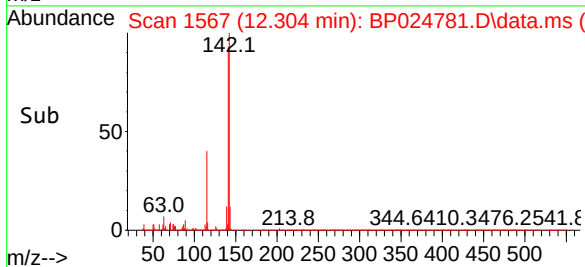
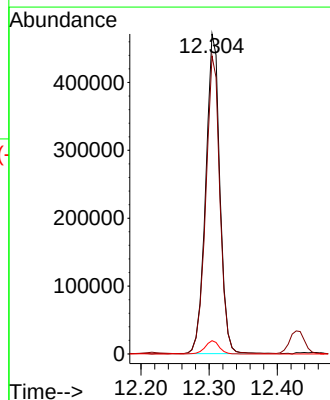
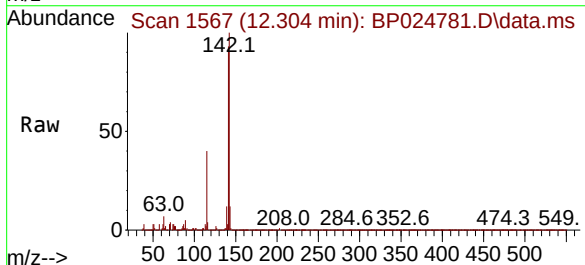
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

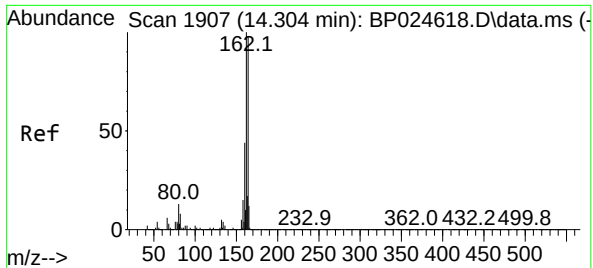
Tgt Ion:142 Resp: 638165
Ion Ratio Lower Upper
142 100
141 90.0 71.2 106.8
115 38.3 30.6 46.0



#38
1-Methylnaphthalene
Concen: 43.565 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:142 Resp: 679515
Ion Ratio Lower Upper
142 100
141 93.1 74.7 112.1
116 4.1 3.4 5.2

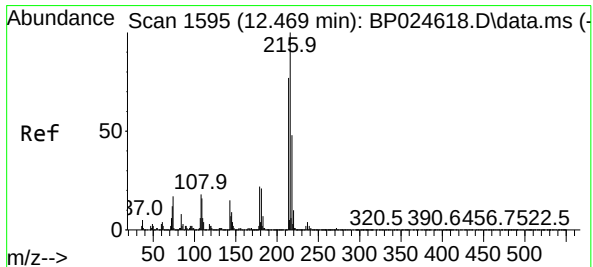
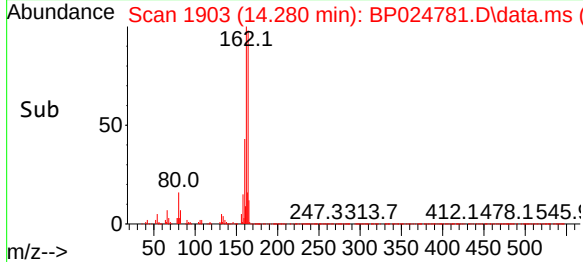
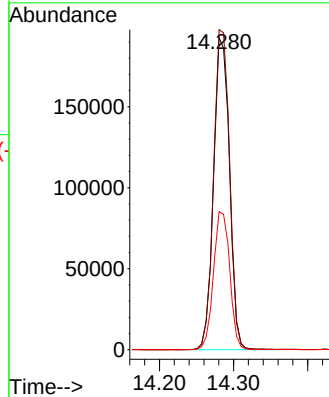
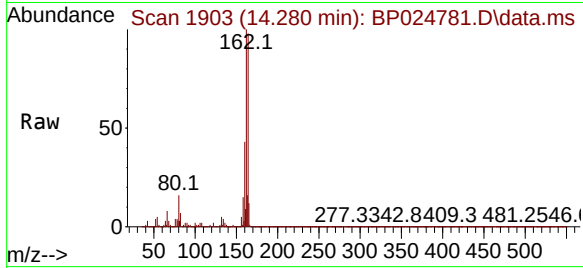




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.280 min Scan# 1903
Delta R.T. -0.024 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

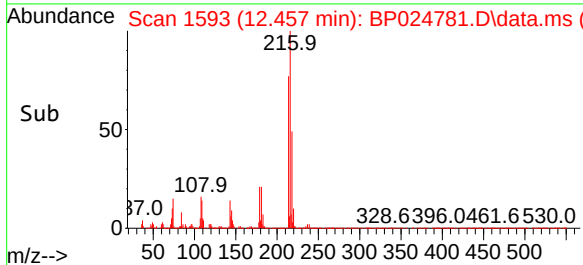
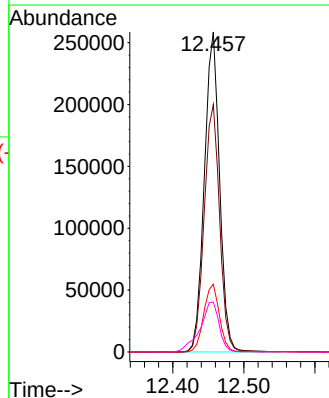
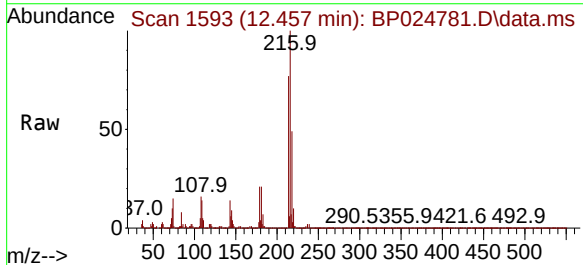
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

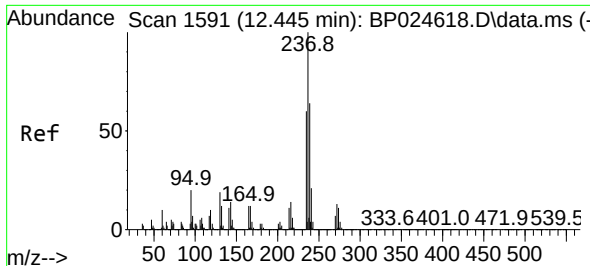
Tgt Ion:164 Resp: 286166
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 44.3 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.508 ng
RT: 12.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:216 Resp: 386482
Ion Ratio Lower Upper
216 100
214 78.9 62.3 93.5
179 21.8 17.7 26.5
108 19.6 16.0 24.0

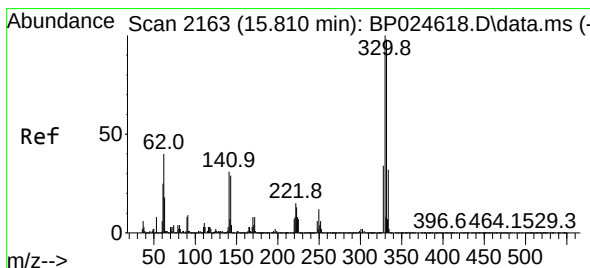
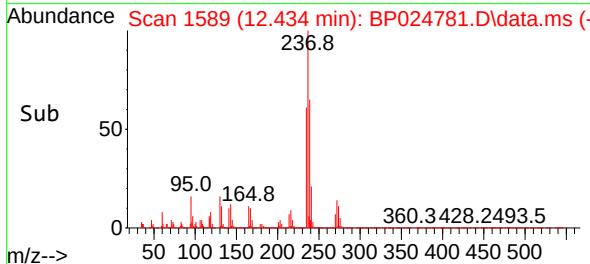
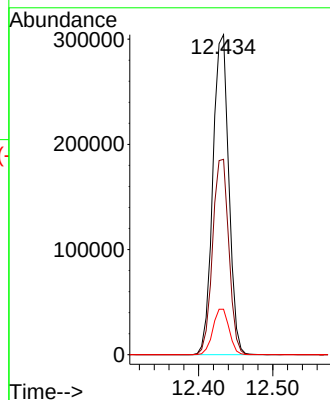
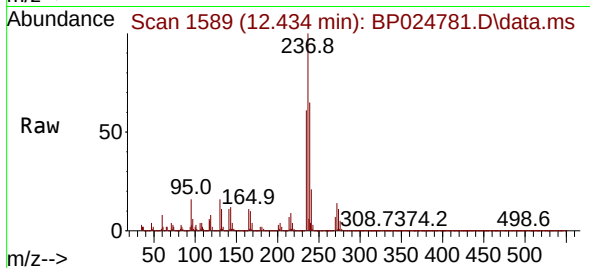




#41
Hexachlorocyclopentadiene
Concen: 90.008 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

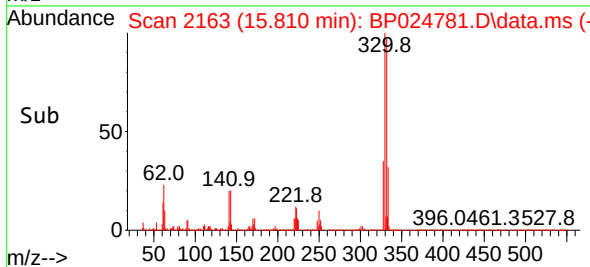
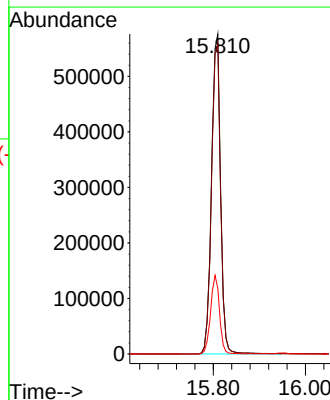
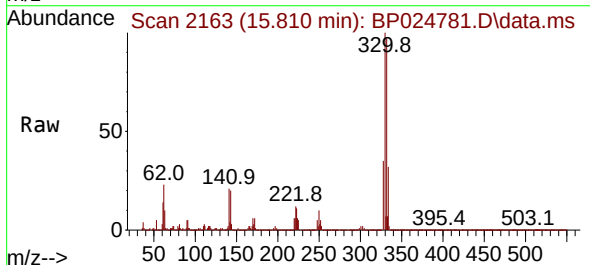
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

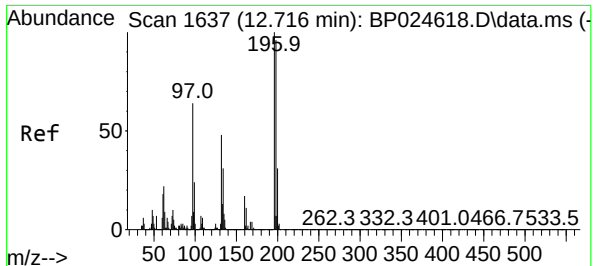
Tgt Ion:237 Resp: 453539
Ion Ratio Lower Upper
237 100
235 61.0 39.9 79.9
272 14.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 162.935 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:330 Resp: 790451
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.4
141 24.2 24.3 36.5#

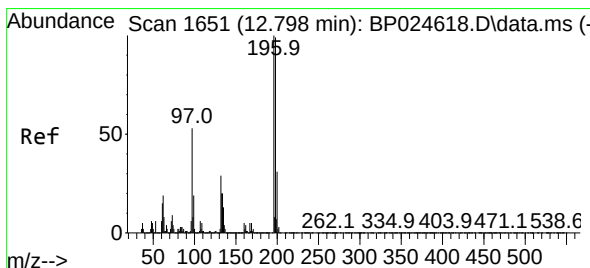
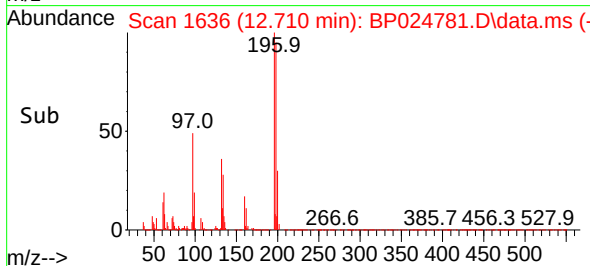
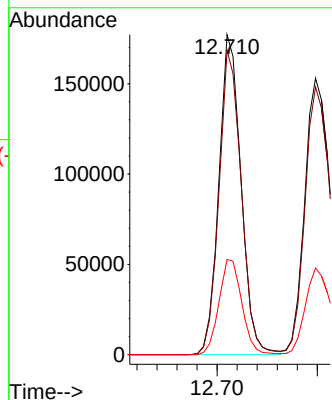
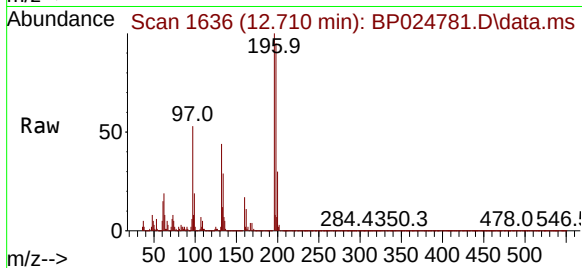




#43
2,4,6-Trichlorophenol
Concen: 50.444 ng
RT: 12.710 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

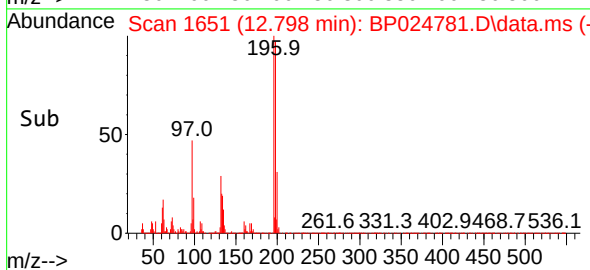
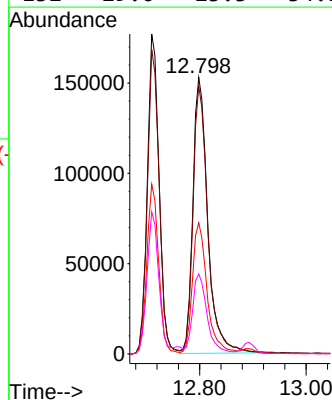
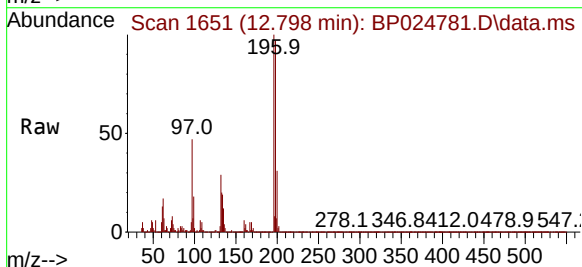
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

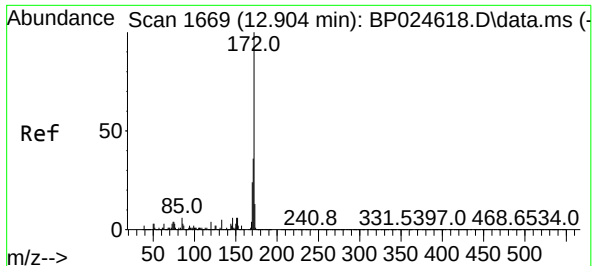
Tgt Ion:196 Resp: 271510
Ion Ratio Lower Upper
196 100
198 95.2 76.9 115.3
200 29.7 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 49.751 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:196 Resp: 298072
Ion Ratio Lower Upper
196 100
198 96.8 79.2 118.8
97 47.4 42.3 63.5
132 29.0 23.3 34.9

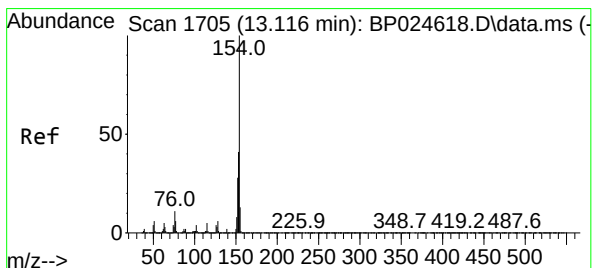
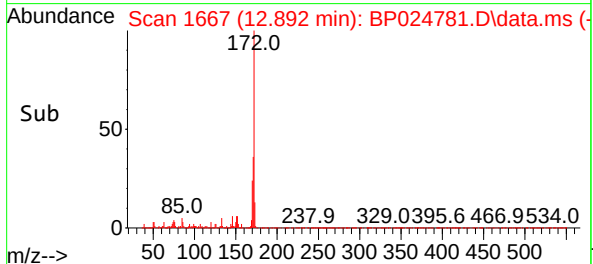
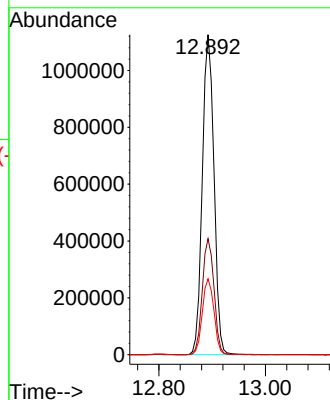
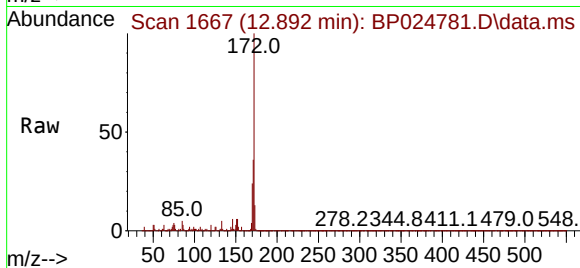




#45
2-Fluorobiphenyl
Concen: 78.309 ng
RT: 12.892 min Scan# 1669
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

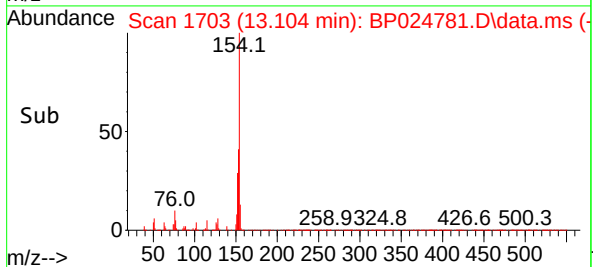
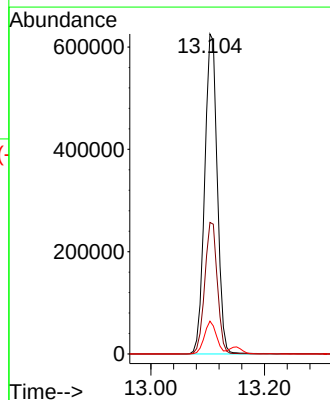
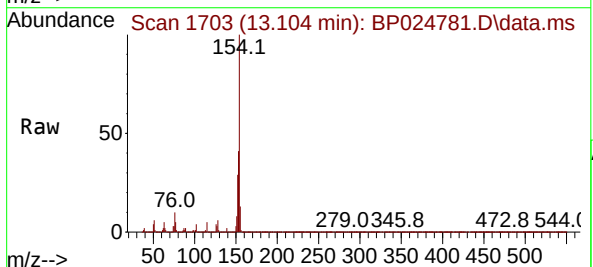
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

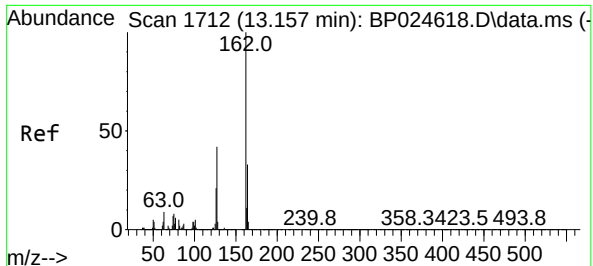
Tgt Ion:172 Resp: 1710468
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 45.406 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:154 Resp: 960368
Ion Ratio Lower Upper
154 100
153 41.1 21.0 61.0
76 10.2 0.0 31.5

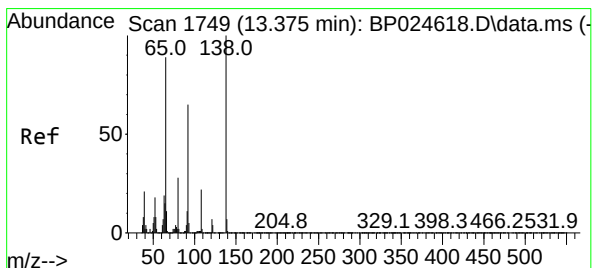
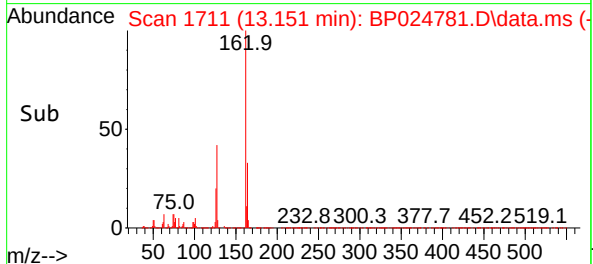
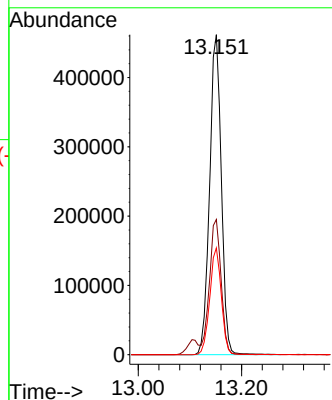
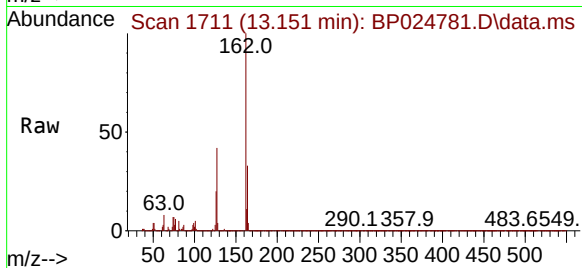




#47
2-Chloronaphthalene
Concen: 44.923 ng
RT: 13.151 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

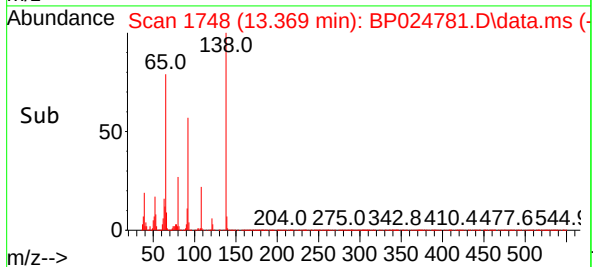
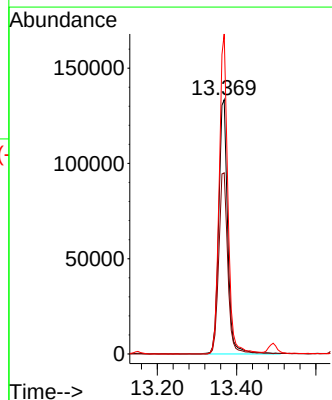
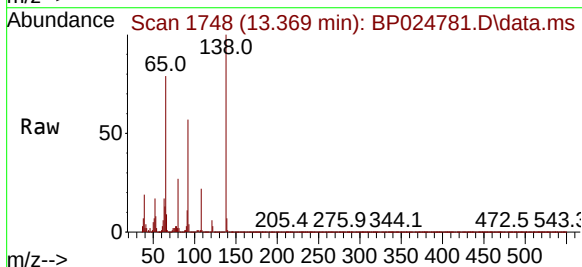
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

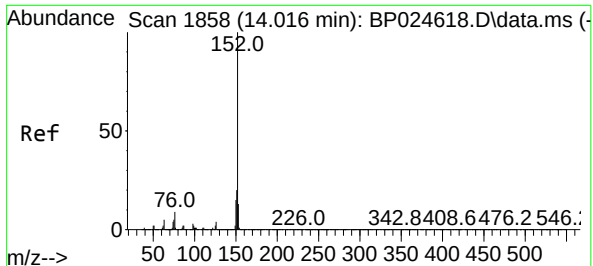
Tgt Ion:162 Resp: 724470
Ion Ratio Lower Upper
162 100
127 42.3 33.8 50.6
164 33.3 26.0 39.0



#48
2-Nitroaniline
Concen: 43.657 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion: 65 Resp: 208442
Ion Ratio Lower Upper
65 100
92 71.2 58.7 88.1
138 125.9 90.2 135.2





#49

Acenaphthylene

Concen: 45.366 ng

RT: 14.004 min Scan# 1856

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

OR-640-COMP-66MS

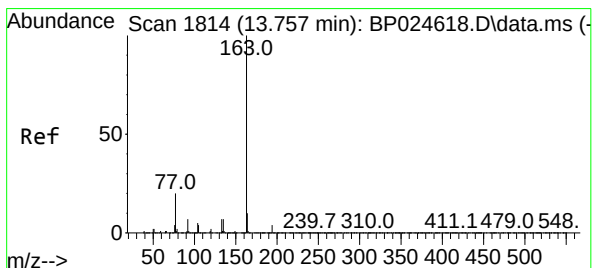
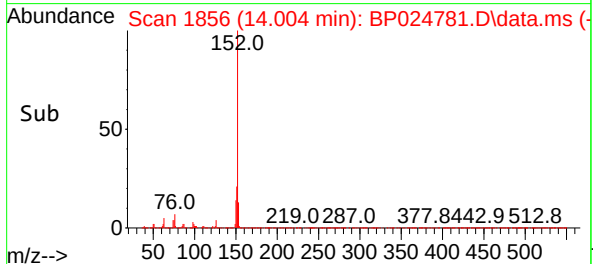
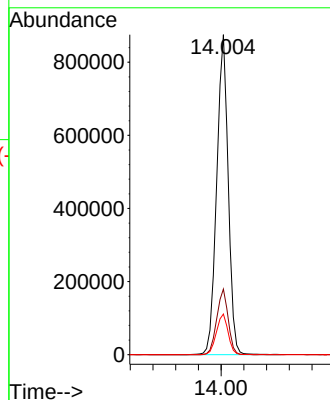
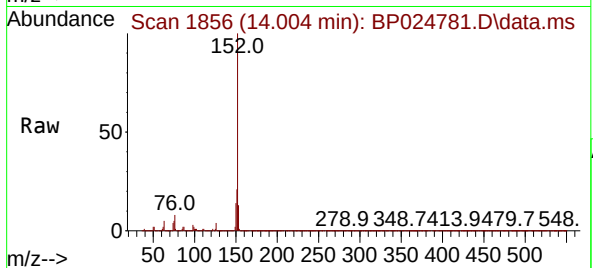
Tgt Ion:152 Resp: 1224342

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 12.7 10.2 15.4



#50

Dimethylphthalate

Concen: 46.035 ng

RT: 13.745 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

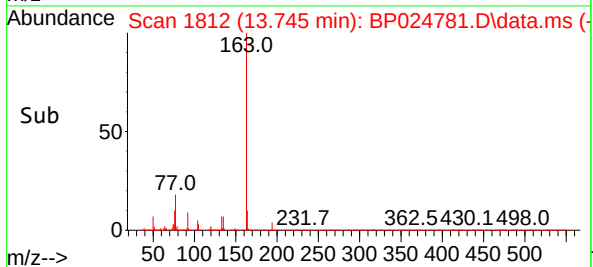
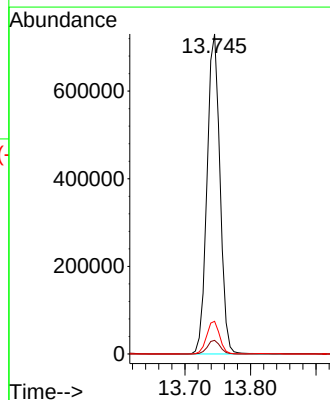
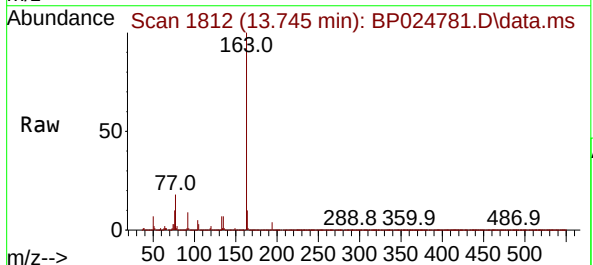
Tgt Ion:163 Resp: 1004105

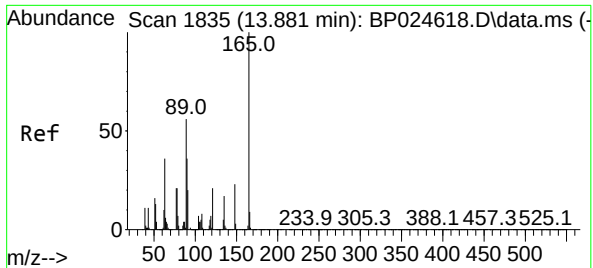
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.2 8.1 12.1

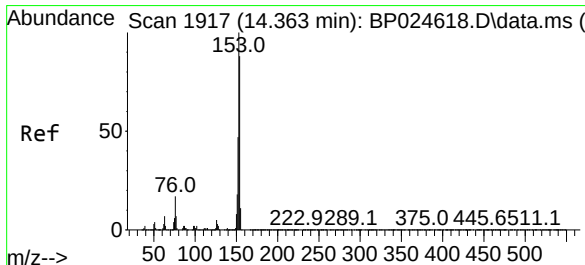
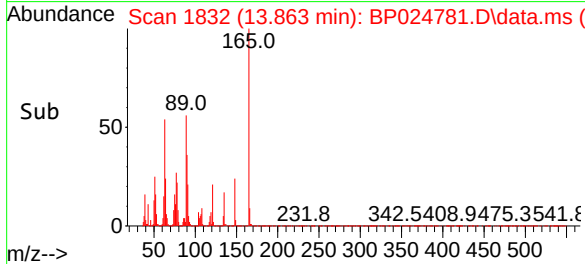
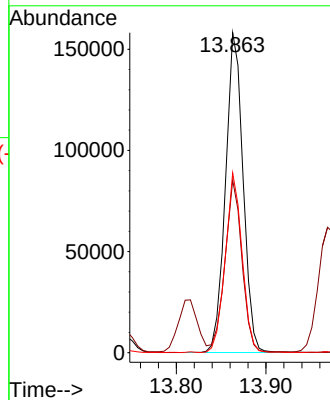
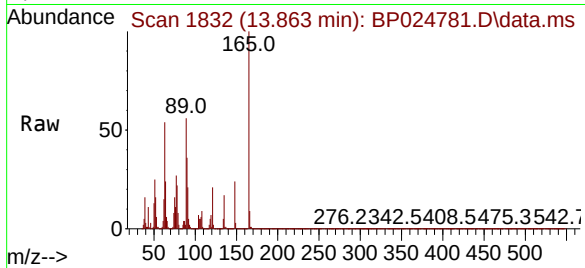




#51
2,6-Dinitrotoluene
Concen: 46.691 ng
RT: 13.863 min Scan# 1832
Delta R.T. -0.018 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

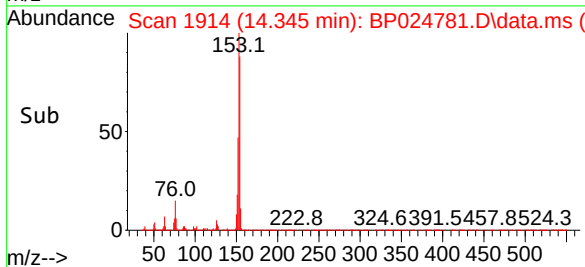
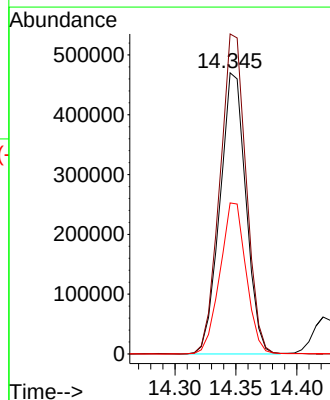
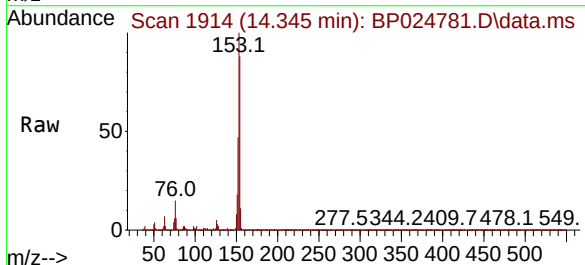
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

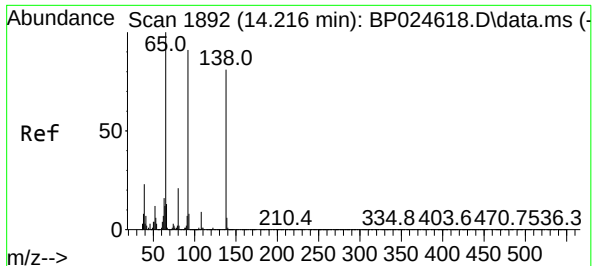
Tgt Ion:165 Resp: 215083
Ion Ratio Lower Upper
165 100
63 53.9 42.4 63.6
89 56.2 44.8 67.2



#52
Acenaphthene
Concen: 44.950 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:154 Resp: 697395
Ion Ratio Lower Upper
154 100
153 113.8 91.0 136.4
152 53.8 42.9 64.3

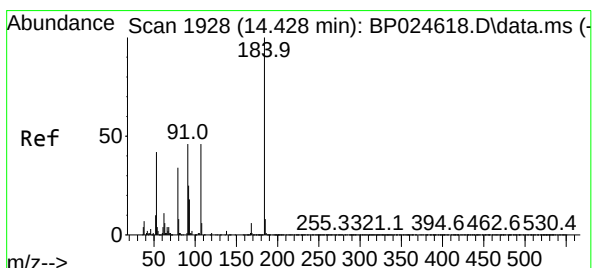
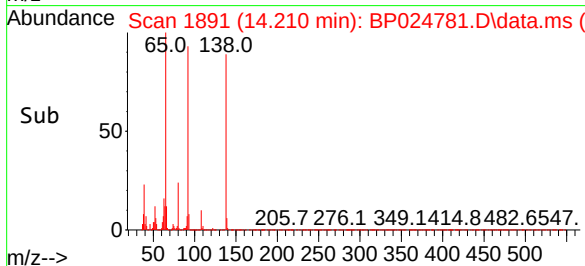
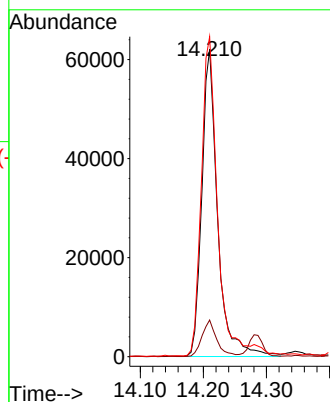
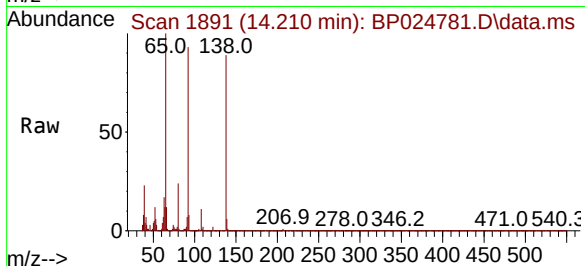




#53
3-Nitroaniline
Concen: 22.937 ng
RT: 14.210 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

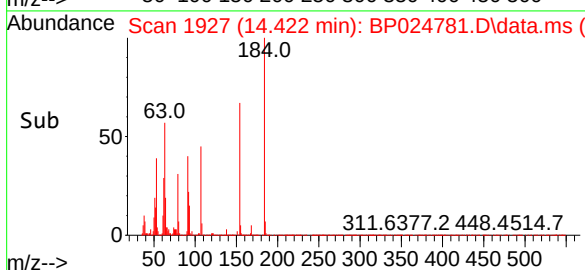
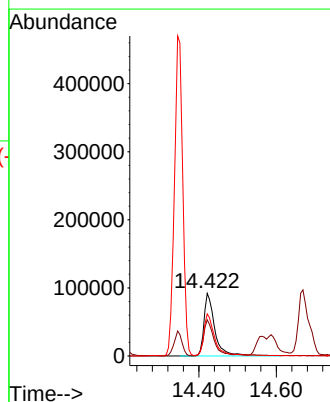
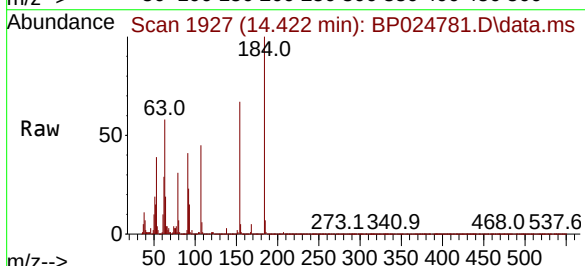
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

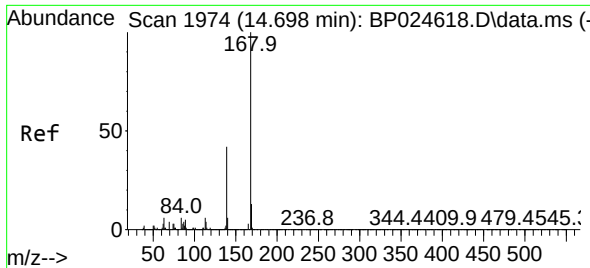
Tgt Ion:138 Resp: 107885
Ion Ratio Lower Upper
138 100
108 11.9 9.0 13.4
92 104.1 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 63.368 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:184 Resp: 179869
Ion Ratio Lower Upper
184 100
63 57.7 51.3 76.9
154 67.1 53.5 80.3





#55

Dibenzenofuran

Concen: 46.198 ng

RT: 14.692 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

OR-640-COMP-66MS

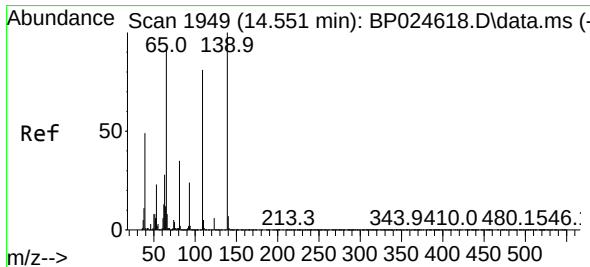
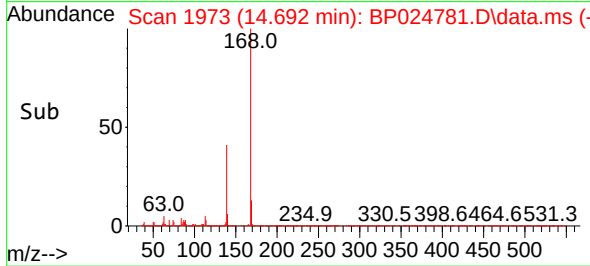
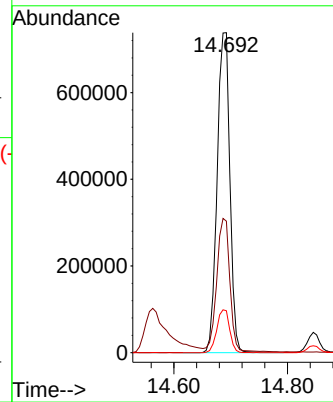
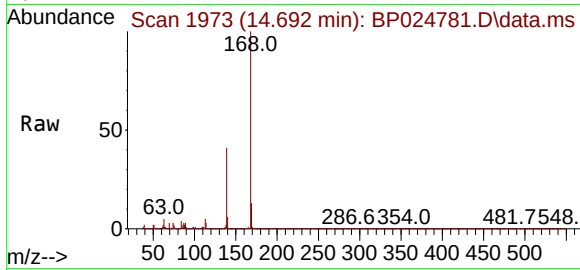
Tgt Ion:168 Resp: 1143281

Ion Ratio Lower Upper

168 100

139 41.1 34.2 51.4

169 13.1 10.8 16.2



#56

4-Nitrophenol

Concen: 71.979 ng

RT: 14.563 min Scan# 1951

Delta R.T. 0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

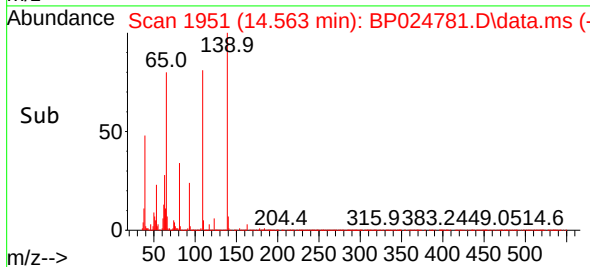
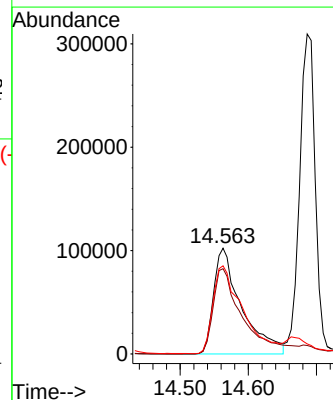
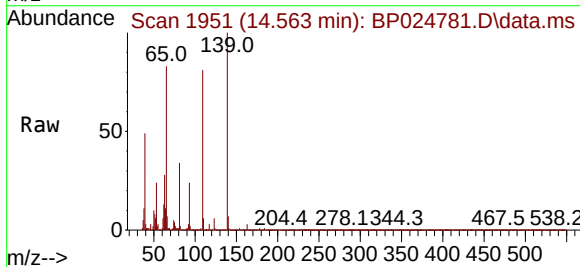
Tgt Ion:139 Resp: 291282

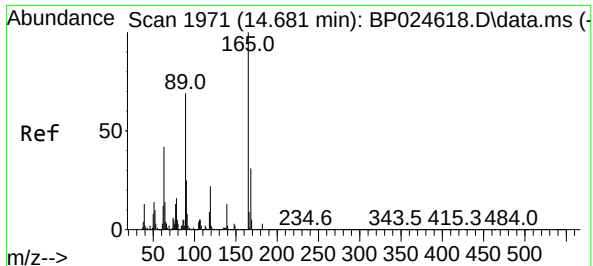
Ion Ratio Lower Upper

139 100

109 80.6 61.4 101.4

65 83.3 72.2 112.2

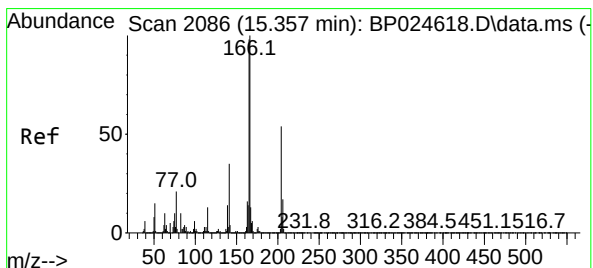
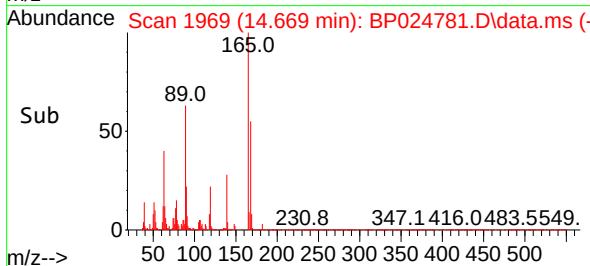
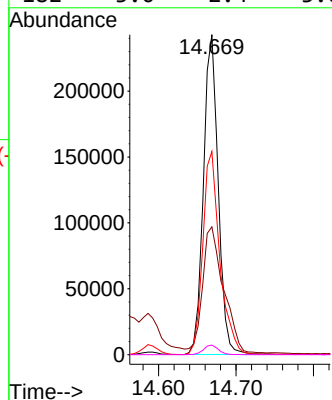
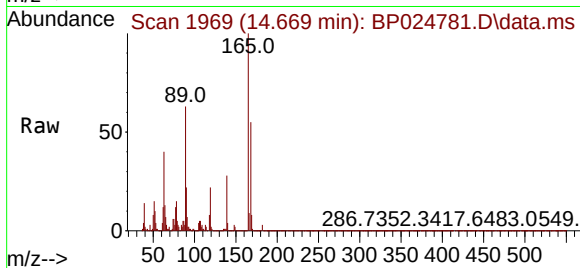




#57
2,4-Dinitrotoluene
Concen: 49.531 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

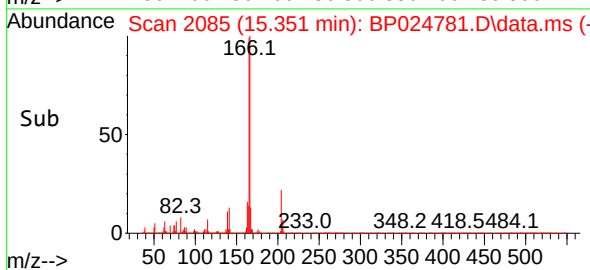
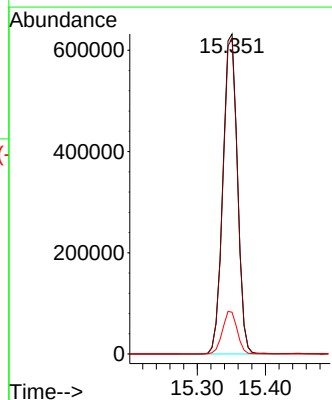
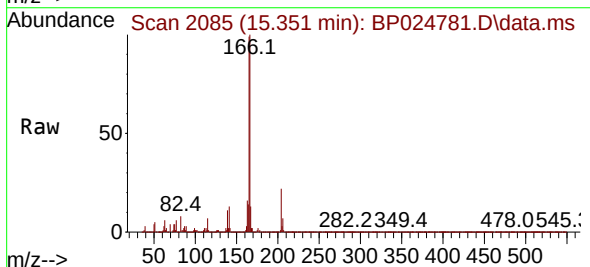
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

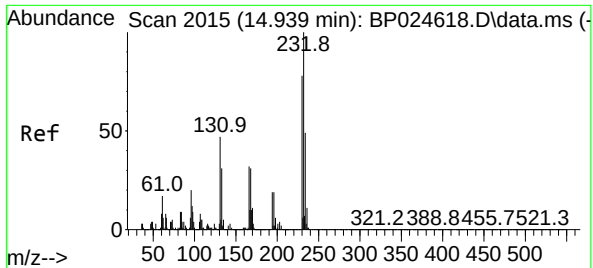
Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.0	33.8	50.6
89	63.5	55.6	83.4
182	3.0	2.4	3.6



#58
Fluorene
Concen: 46.474 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.5	117.7
167	13.1	10.7	16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.893 ng

RT: 14.927 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

OR-640-COMP-66MS

Tgt Ion:232 Resp: 277300

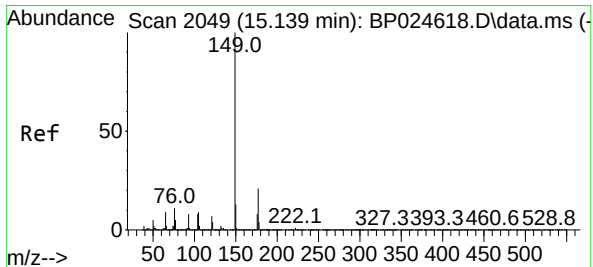
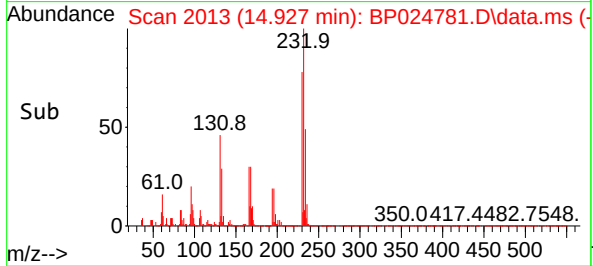
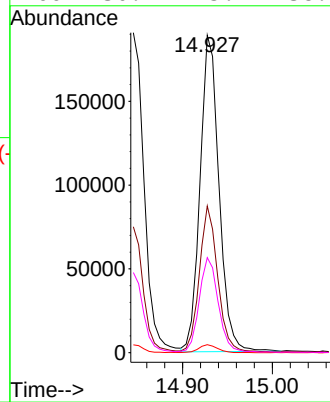
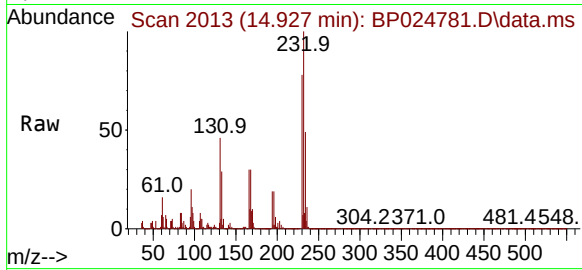
Ion Ratio Lower Upper

232 100

131 44.6 39.5 59.3

130 2.5 2.2 3.4

166 30.1 25.7 38.5



#60

Diethylphthalate

Concen: 45.210 ng

RT: 15.122 min Scan# 2046

Delta R.T. -0.018 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

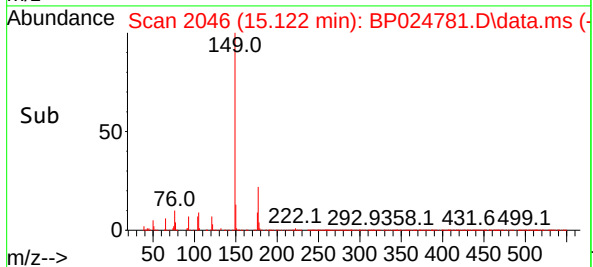
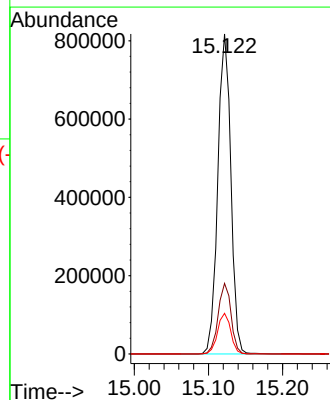
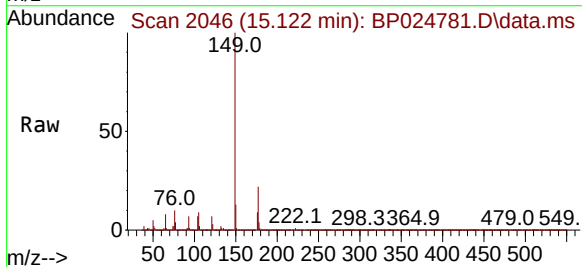
Tgt Ion:149 Resp: 996665

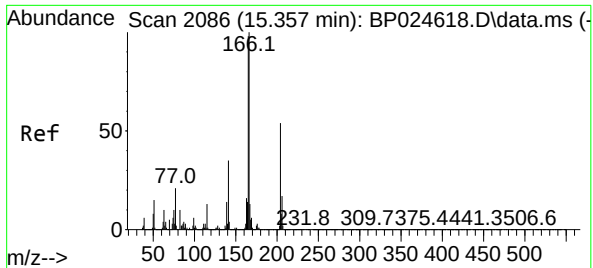
Ion Ratio Lower Upper

149 100

177 22.0 16.7 25.1

150 12.7 10.2 15.2

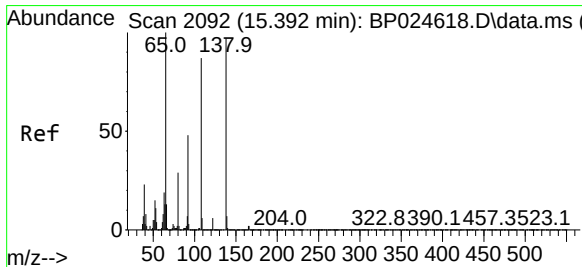
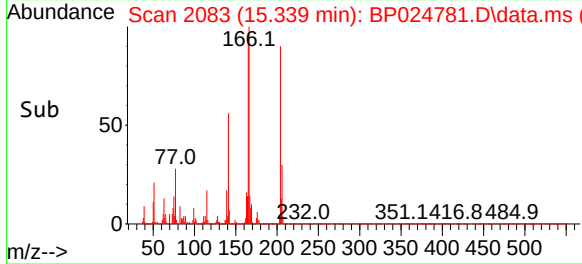
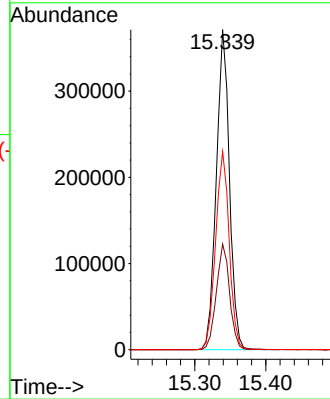
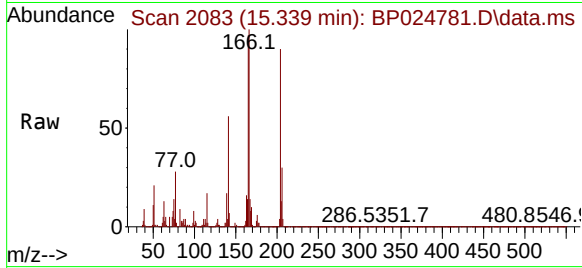




#61
4-Chlorophenyl-phenylether
Concen: 47.322 ng
RT: 15.339 min Scan# 2083
Delta R.T. -0.018 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

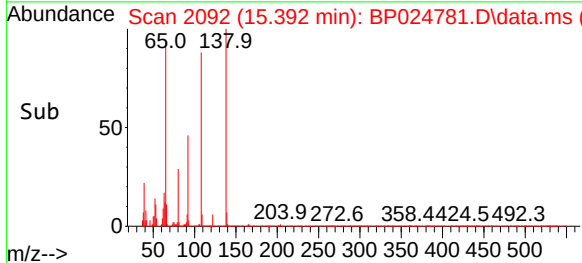
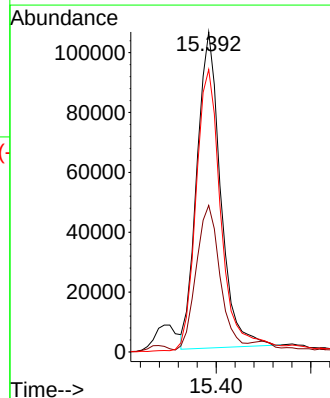
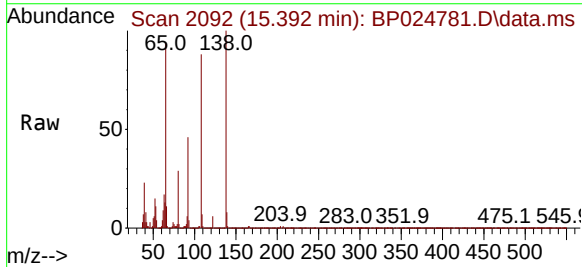
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

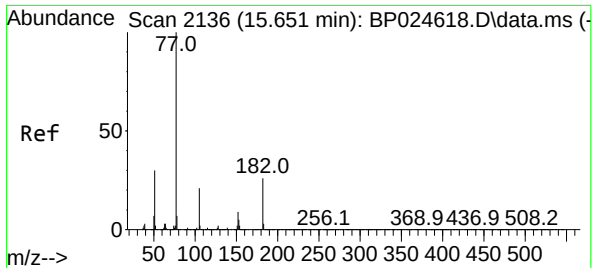
Tgt Ion:204 Resp: 476218
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 61.9 52.9 79.3



#62
4-Nitroaniline
Concen: 40.354 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:138 Resp: 183275
Ion Ratio Lower Upper
138 100
92 45.8 29.2 69.2
108 88.3 69.0 109.0

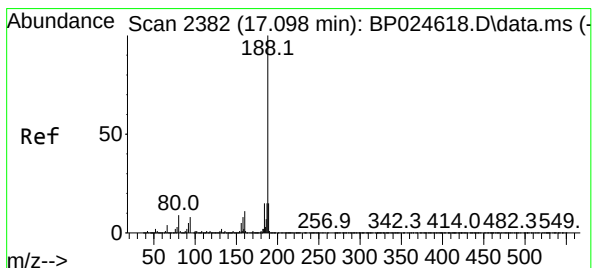
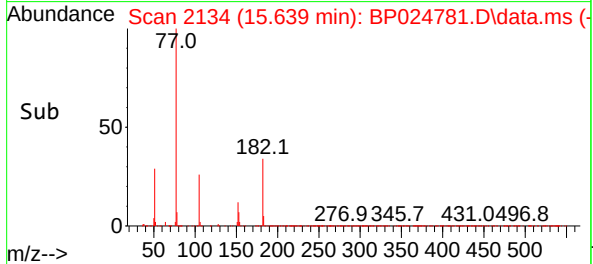
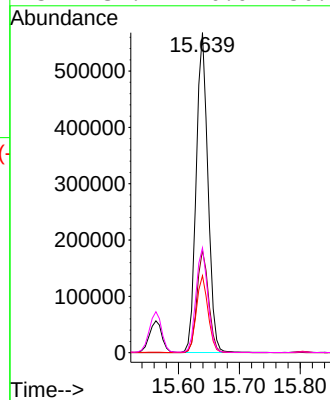
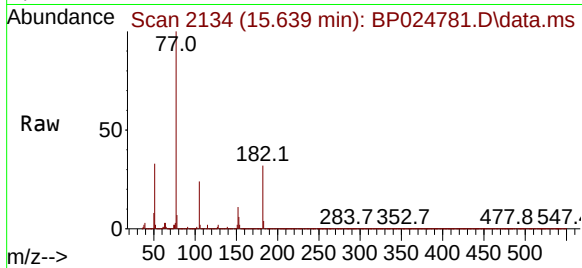




#63
Azobenzene
Concen: 40.213 ng
RT: 15.639 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

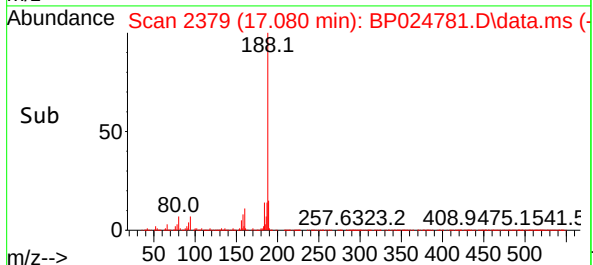
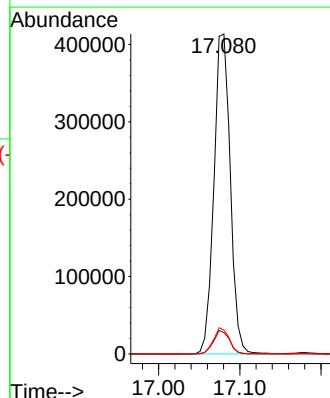
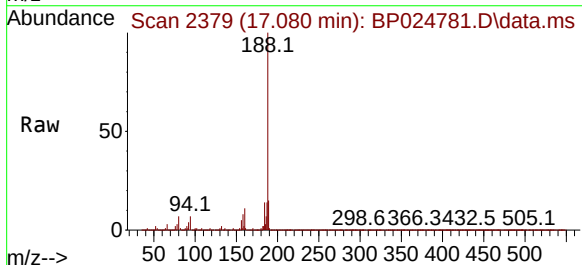
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

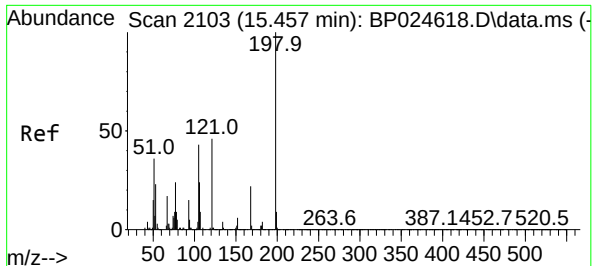
Tgt Ion:	77	Resp:	758380
Ion	Ratio	Lower	Upper
77	100		
182	32.0	5.7	45.7
105	24.1	1.3	41.3
51	32.7	10.6	50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.080 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:	188	Resp:	578083
Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.5	9.7
80	7.5	7.3	10.9

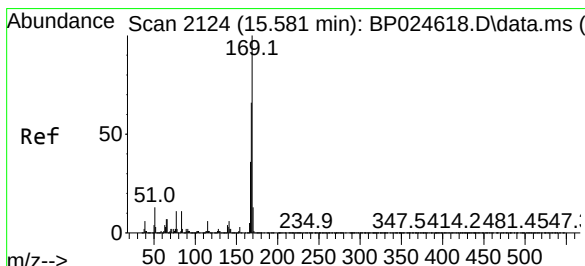
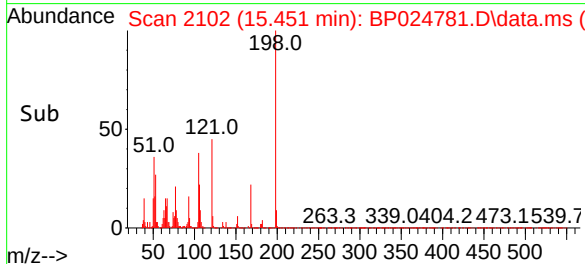
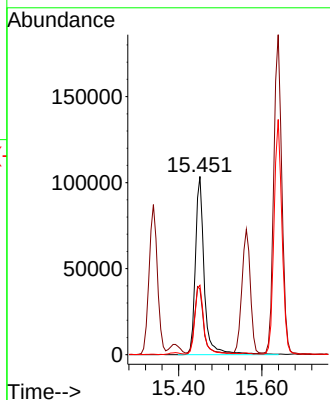
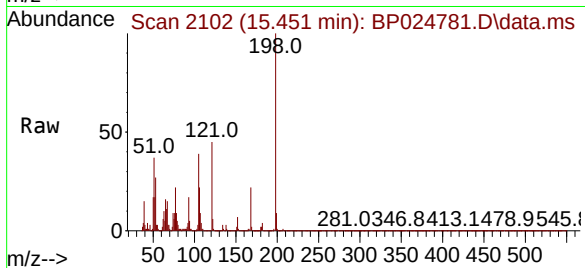




#65
4,6-Dinitro-2-methylphenol
Concen: 40.991 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

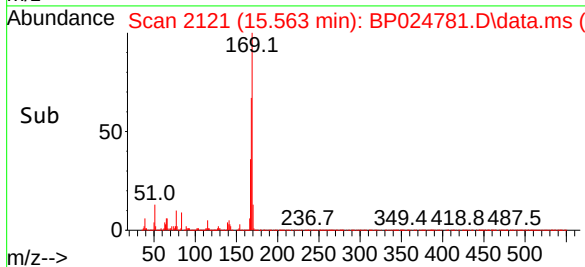
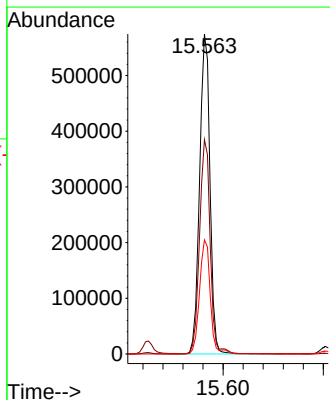
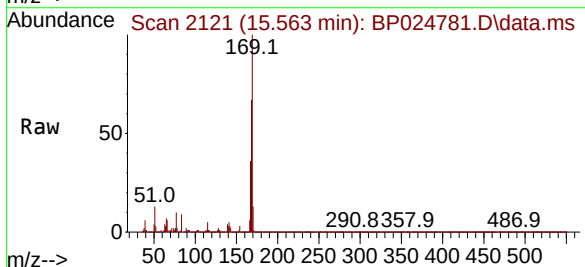
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

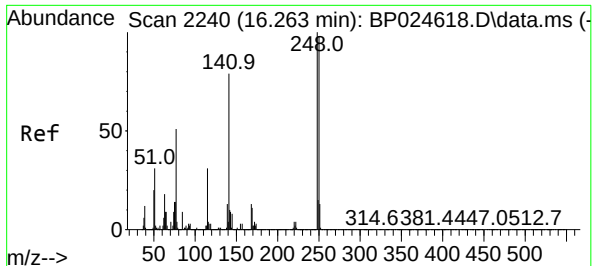
Tgt Ion:198 Resp: 153062
Ion Ratio Lower Upper
198 100
51 36.8 21.1 61.1
105 39.0 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 46.264 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:169 Resp: 821478
Ion Ratio Lower Upper
169 100
168 67.0 53.2 79.8
167 35.7 28.6 43.0

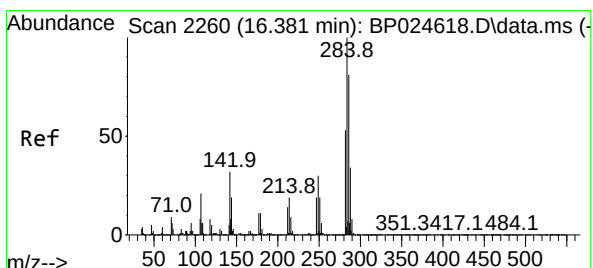
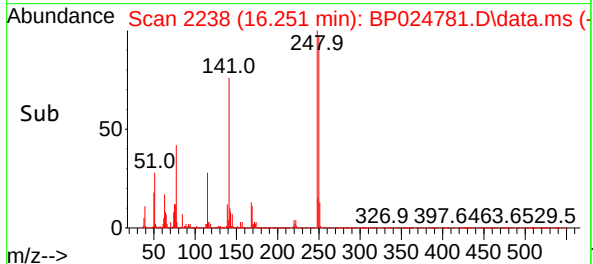
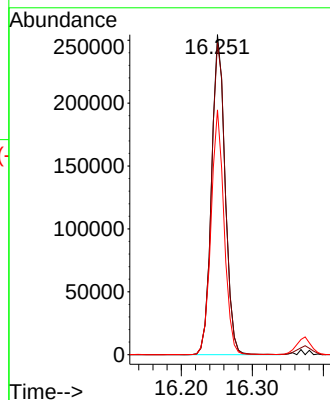
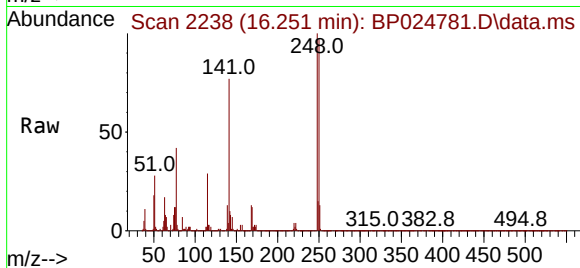




#67
4-Bromophenyl-phenylether
Concen: 49.444 ng
RT: 16.251 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

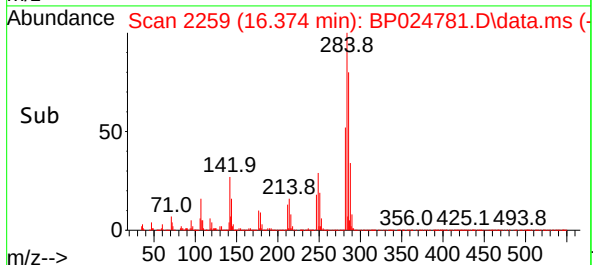
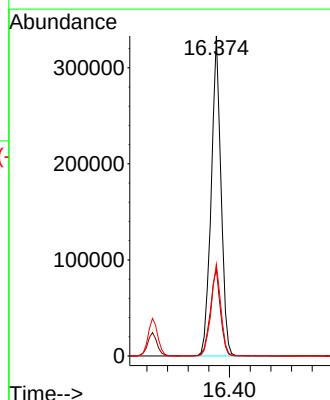
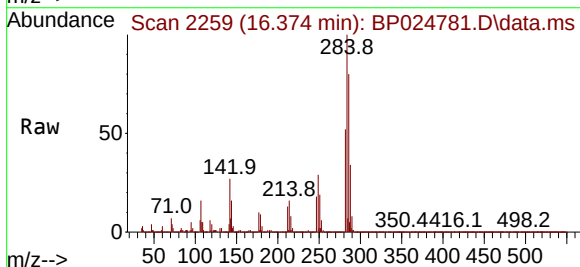
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

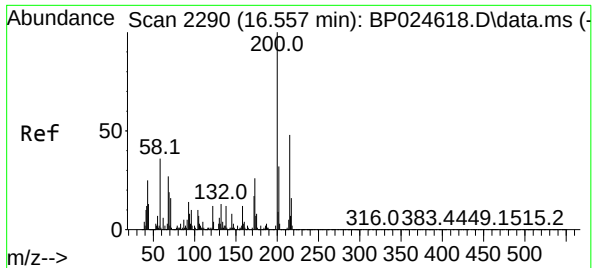
Tgt Ion:248 Resp: 336806
Ion Ratio Lower Upper
248 100
250 97.5 78.2 117.4
141 76.5 63.0 94.6



#68
Hexachlorobenzene
Concen: 50.555 ng
RT: 16.374 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:284 Resp: 437590
Ion Ratio Lower Upper
284 100
142 27.2 25.9 38.9
249 28.7 24.1 36.1

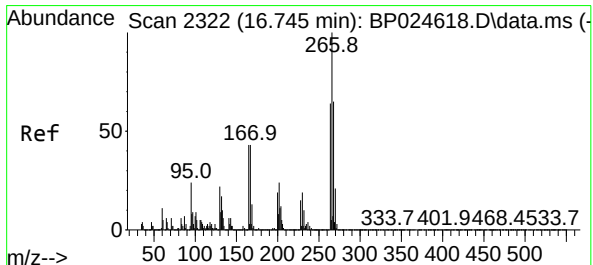
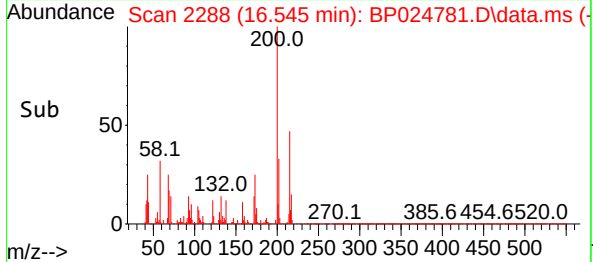
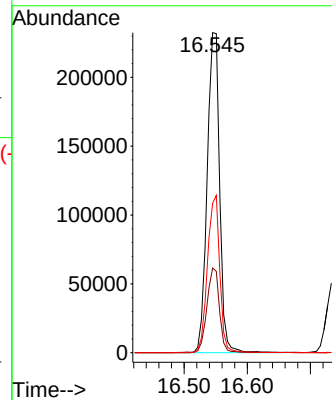
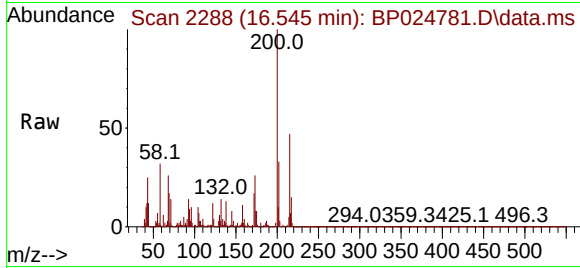




#69
 Atrazine
 Concen: 49.136 ng
 RT: 16.545 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024781.D
 Acq: 23 May 2025 06:37

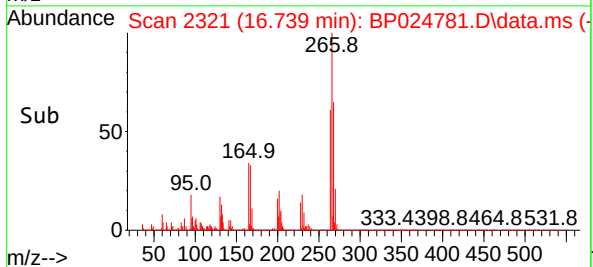
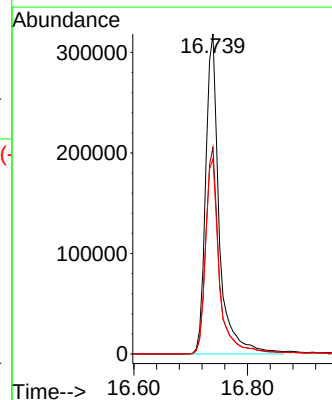
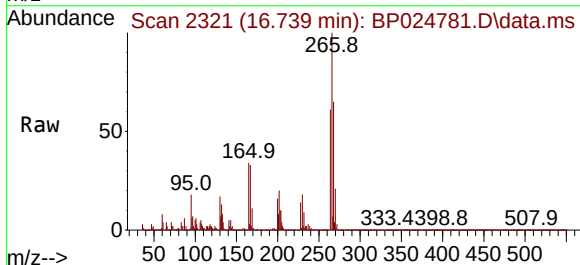
Instrument :
 BNA_P
 ClientSampleId :
 OR-640-COMP-66MS

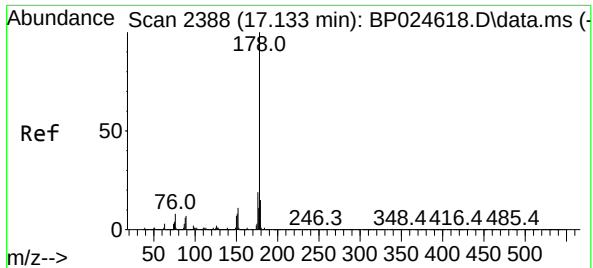
Tgt Ion:200 Resp: 319741
 Ion Ratio Lower Upper
 200 100
 173 26.4 5.9 45.9
 215 46.7 28.3 68.3



#70
 Pentachlorophenol
 Concen: 108.802 ng
 RT: 16.739 min Scan# 2321
 Delta R.T. -0.006 min
 Lab File: BP024781.D
 Acq: 23 May 2025 06:37

Tgt Ion:266 Resp: 528649
 Ion Ratio Lower Upper
 266 100
 268 64.6 52.2 78.4
 264 61.0 51.1 76.7

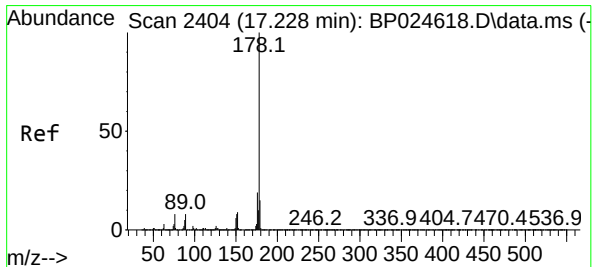
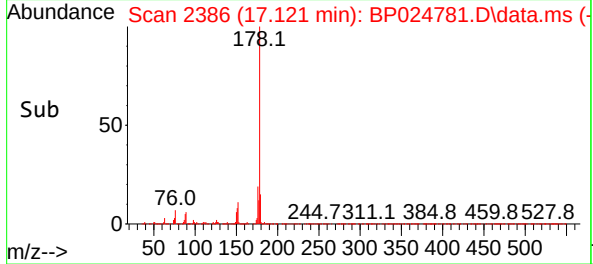
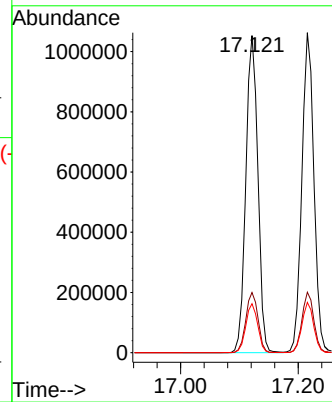
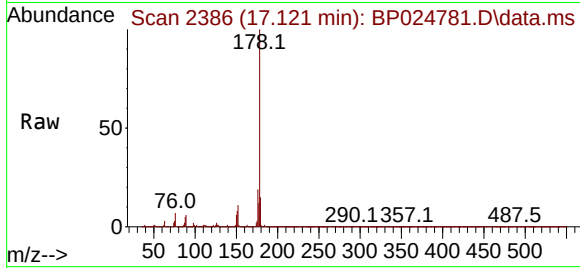




#71
Phenanthrene
Concen: 46.503 ng
RT: 17.121 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

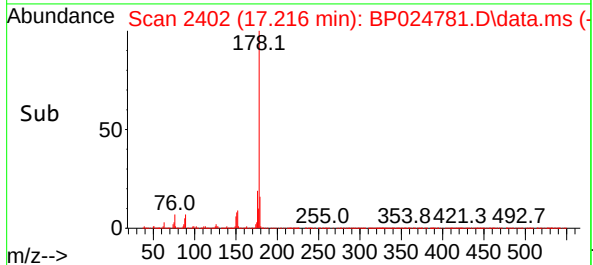
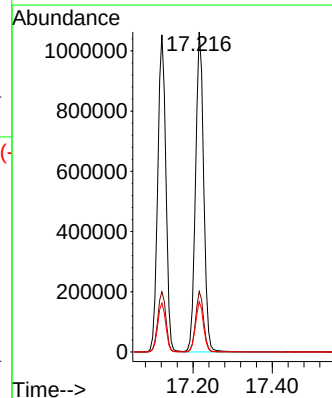
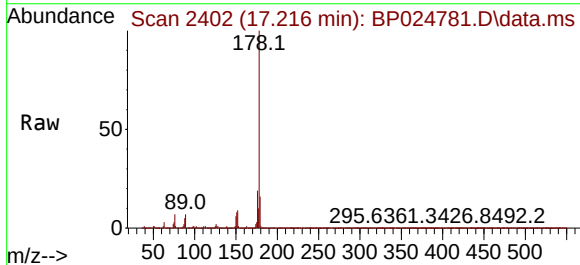
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

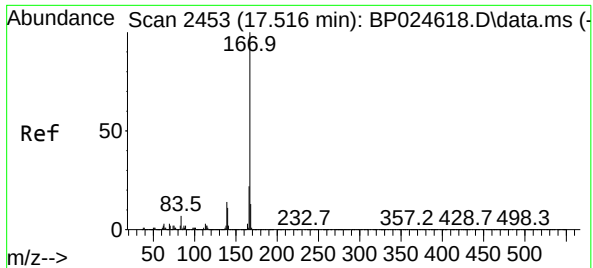
Tgt Ion:178 Resp: 1494432
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.5 12.2 18.4



#72
Anthracene
Concen: 47.008 ng
RT: 17.216 min Scan# 2402
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:178 Resp: 1519903
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.7 12.2 18.2

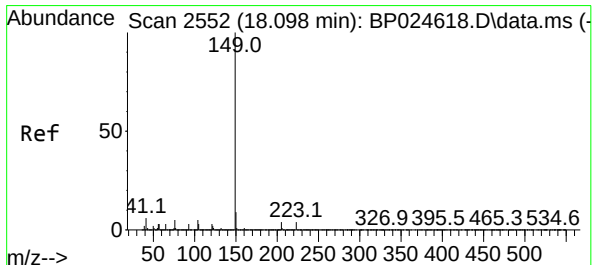
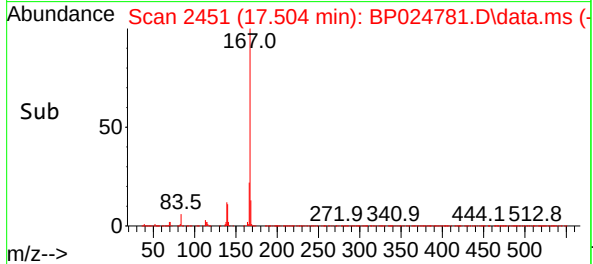
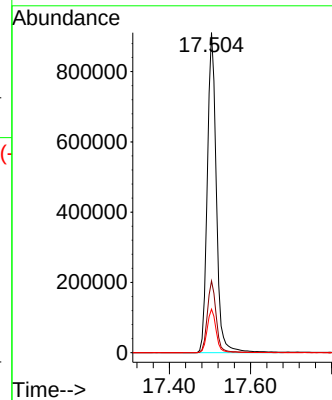
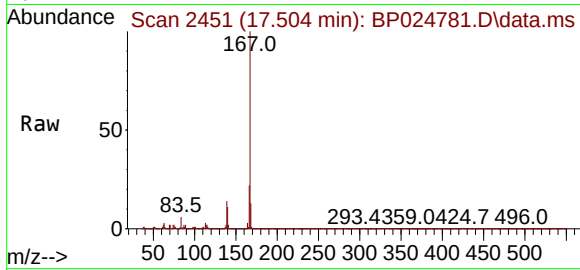




#73
 Carbazole
 Concen: 47.960 ng
 RT: 17.504 min Scan# 2451
 Delta R.T. -0.012 min
 Lab File: BP024781.D
 Acq: 23 May 2025 06:37

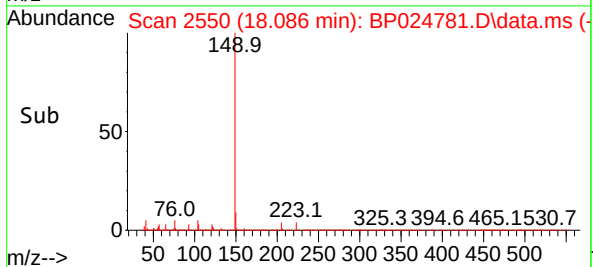
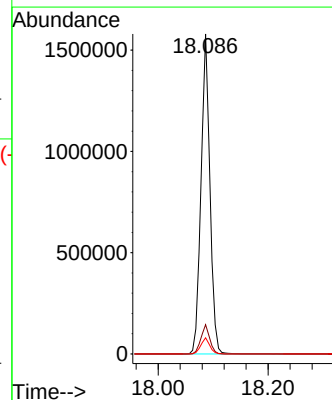
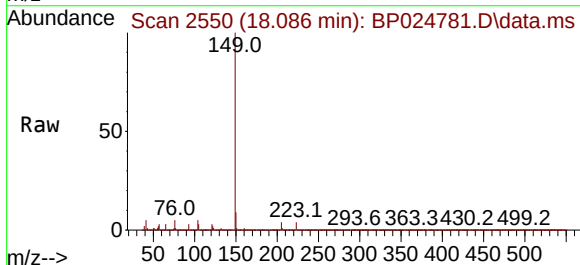
Instrument :
 BNA_P
 ClientSampleId :
 OR-640-COMP-66MS

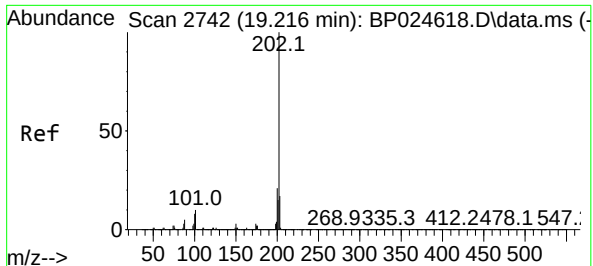
Tgt Ion:167 Resp: 1403513
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 13.6 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 47.212 ng
 RT: 18.086 min Scan# 2550
 Delta R.T. -0.012 min
 Lab File: BP024781.D
 Acq: 23 May 2025 06:37

Tgt Ion:149 Resp: 1776899
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 5.1 4.3 6.5

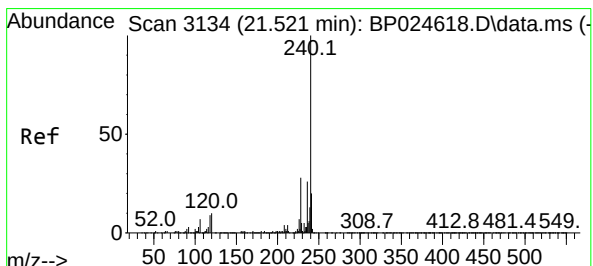
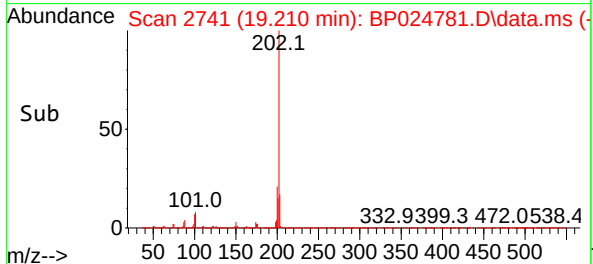
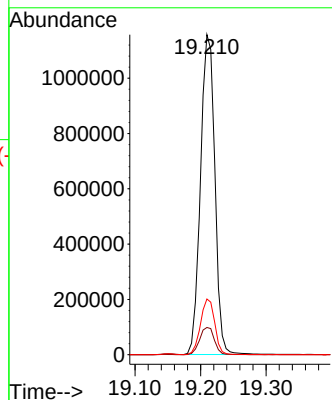
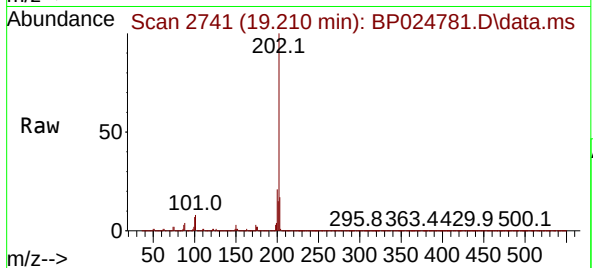




#75
Fluoranthene
Concen: 47.067 ng
RT: 19.210 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

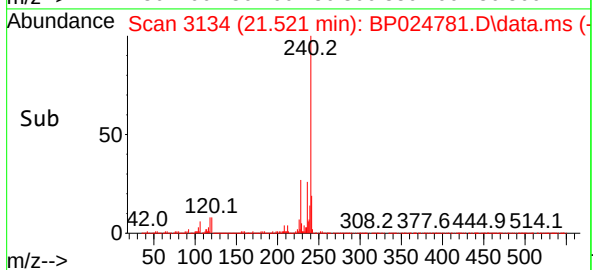
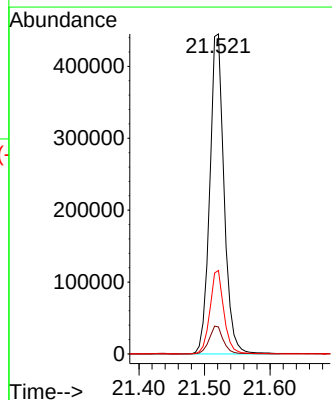
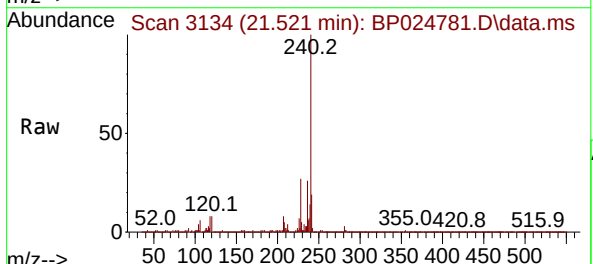
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

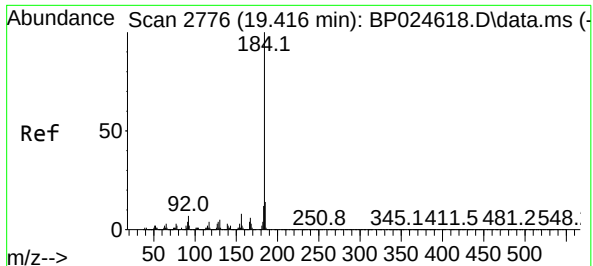
Tgt Ion:202 Resp: 1768091
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.3
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:240 Resp: 676097
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 26.1 20.6 31.0

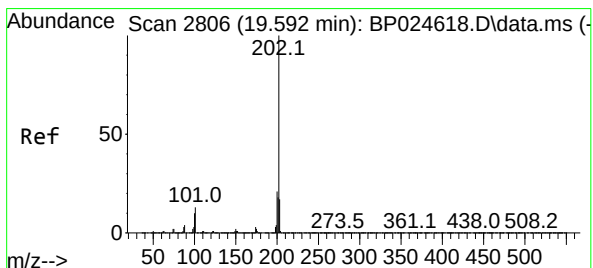
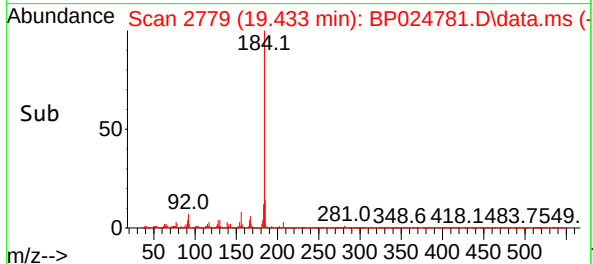
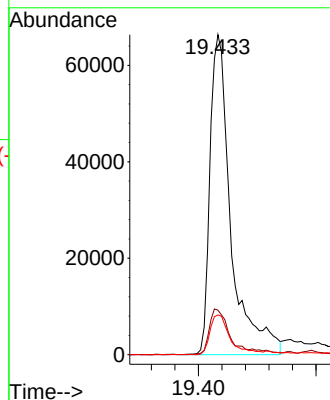
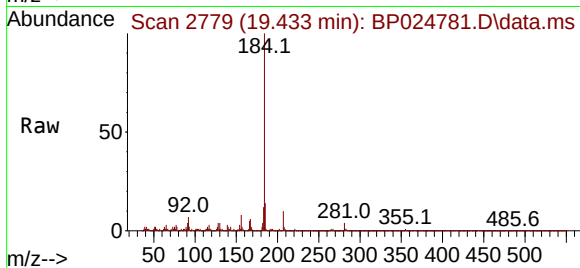




#77
Benzidine
Concen: 8.932 ng
RT: 19.433 min Scan# 21
Delta R.T. 0.017 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

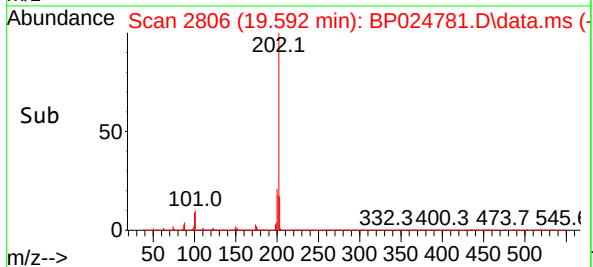
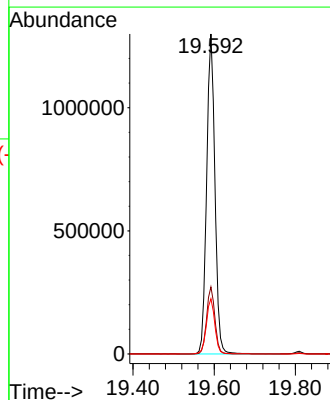
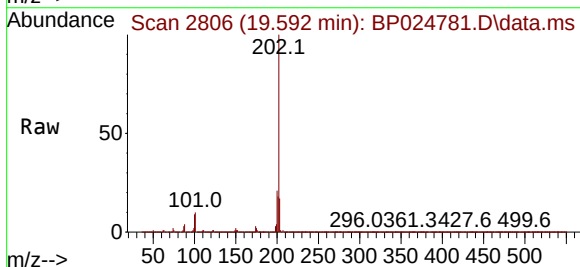
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

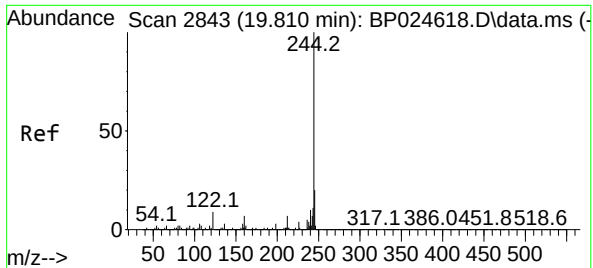
Tgt Ion:184 Resp: 164476
Ion Ratio Lower Upper
184 100
185 13.9 11.2 16.8
183 12.4 9.8 14.8



#78
Pyrene
Concen: 45.257 ng
RT: 19.592 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:202 Resp: 1833386
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.3 13.9 20.9

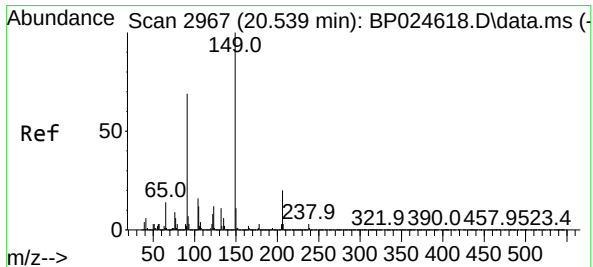
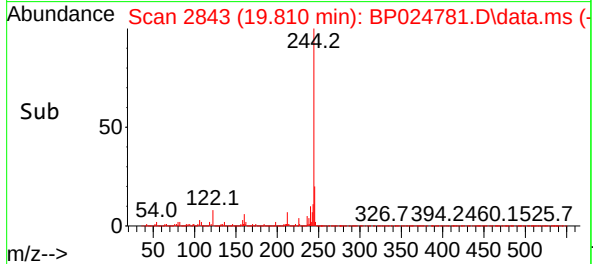
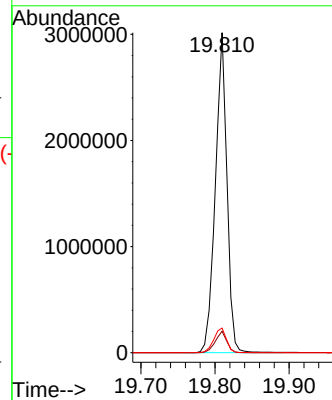
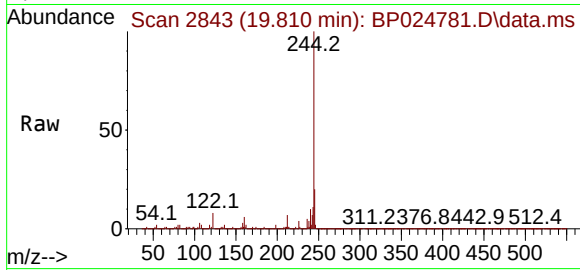




#79
 Terphenyl-d14
 Concen: 82.853 ng
 RT: 19.810 min Scan# 2843
 Delta R.T. -0.000 min
 Lab File: BP024781.D
 Acq: 23 May 2025 06:37

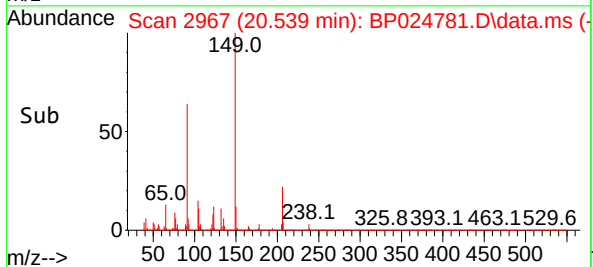
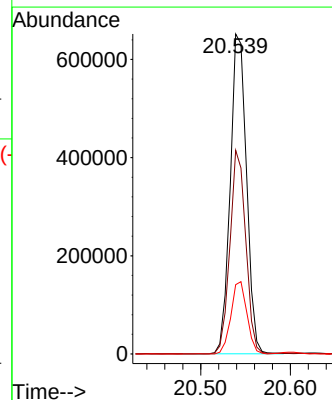
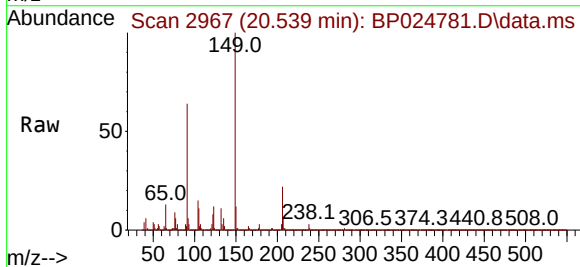
Instrument :
 BNA_P
 ClientSampleId :
 OR-640-COMP-66MS

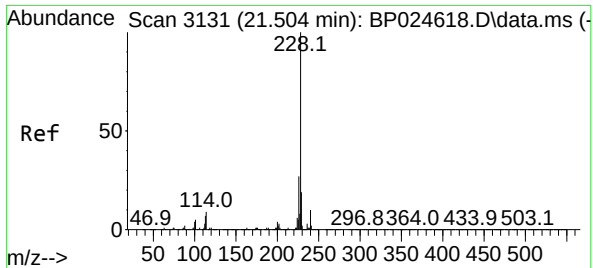
Tgt Ion:244 Resp: 3266849
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 7.7 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 45.544 ng
 RT: 20.539 min Scan# 2967
 Delta R.T. -0.000 min
 Lab File: BP024781.D
 Acq: 23 May 2025 06:37

Tgt Ion:149 Resp: 820550
 Ion Ratio Lower Upper
 149 100
 91 63.7 55.4 83.0
 206 21.7 16.2 24.2

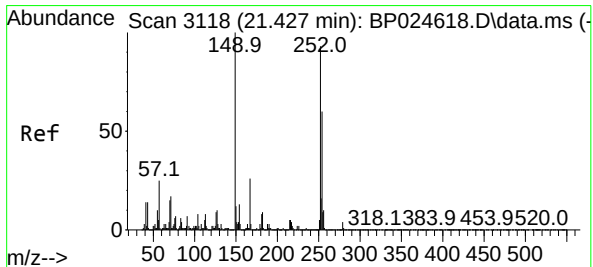
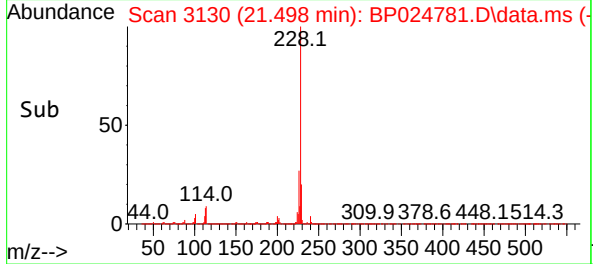
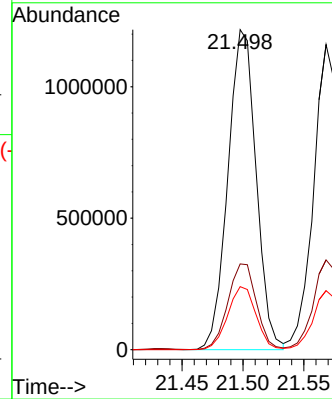
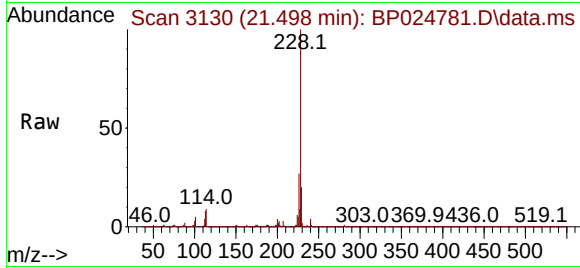




#81
Benzo(a)anthracene
Concen: 46.193 ng
RT: 21.498 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

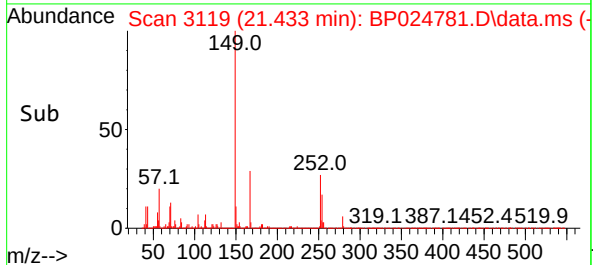
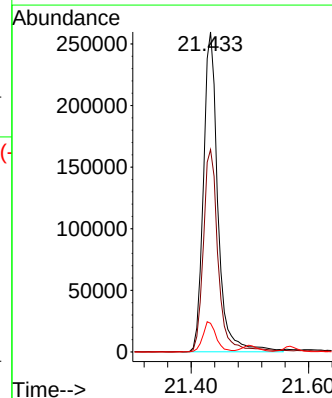
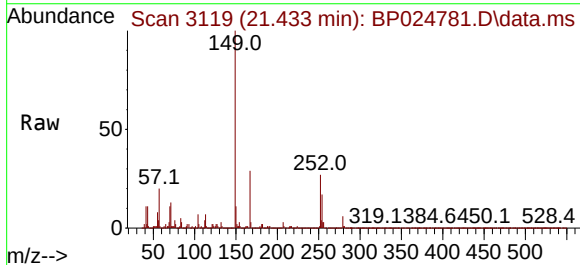
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

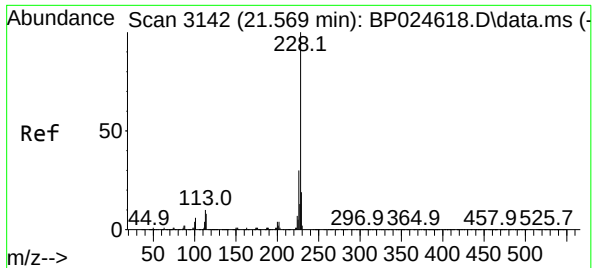
Tgt Ion:228 Resp: 1961039
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 28.142 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:252 Resp: 443743
Ion Ratio Lower Upper
252 100
254 63.3 51.8 77.6
126 8.9 7.7 11.5

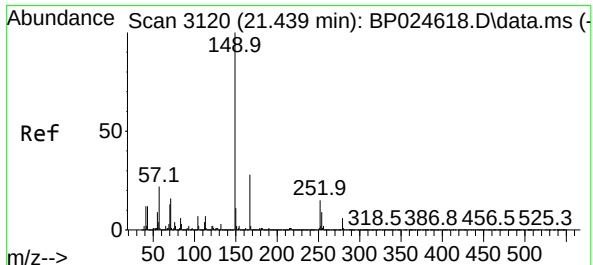
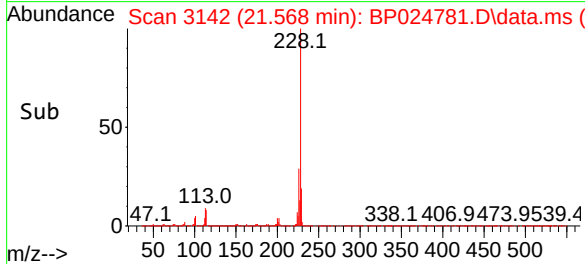
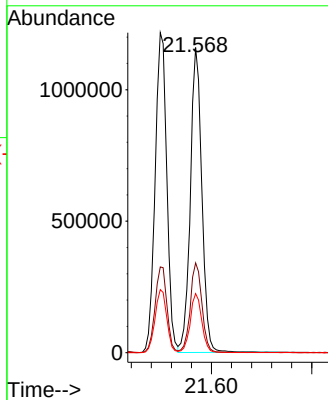
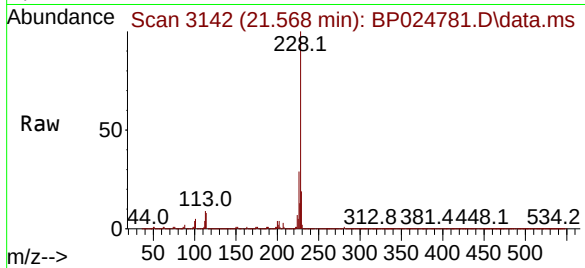




#83
Chrysene
Concen: 45.877 ng
RT: 21.568 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

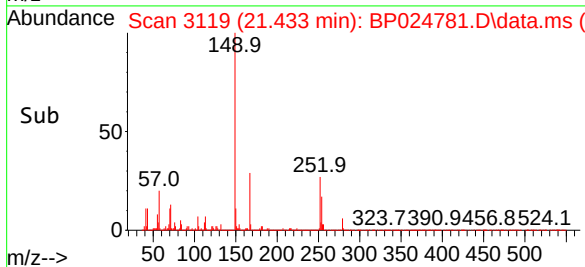
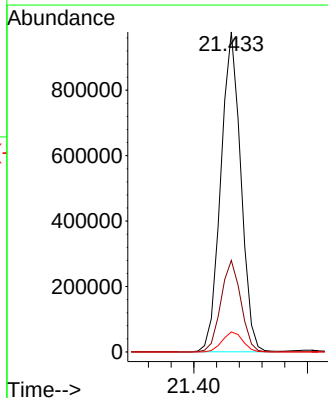
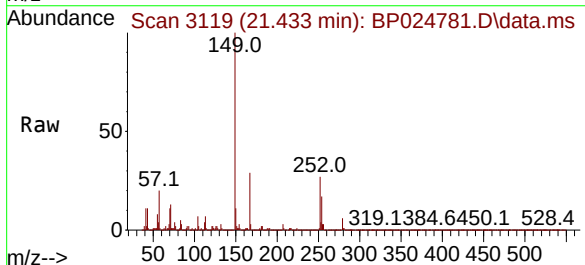
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

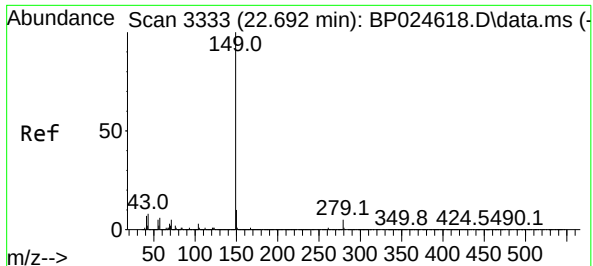
Tgt Ion:228 Resp: 1846260
Ion Ratio Lower Upper
228 100
226 29.4 23.9 35.9
229 19.3 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.221 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:149 Resp: 1197514
Ion Ratio Lower Upper
149 100
167 28.6 22.1 33.1
279 6.3 4.6 6.8

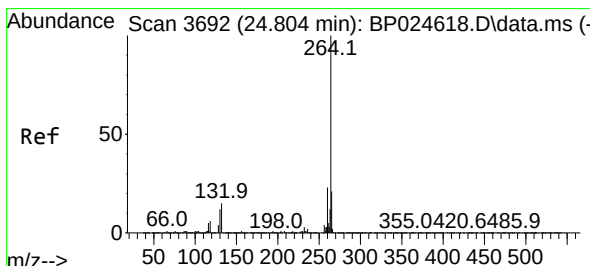
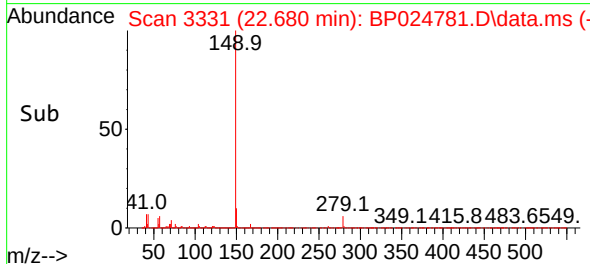
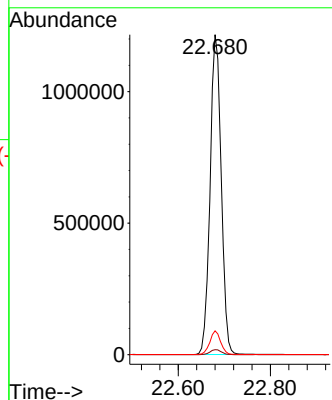
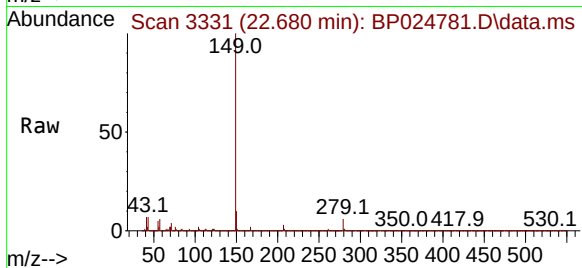




#85
Di-n-octyl phthalate
Concen: 47.215 ng
RT: 22.680 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

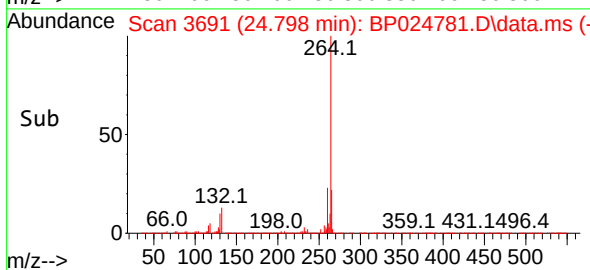
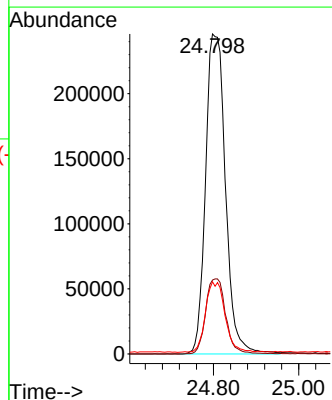
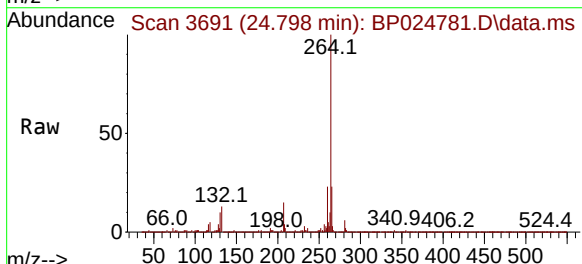
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

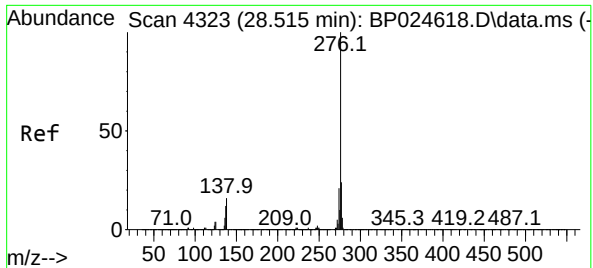
Tgt Ion:149 Resp: 2044617
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.2 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 3691
Delta R.T. -0.006 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:264 Resp: 796979
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 22.5 17.0 25.6

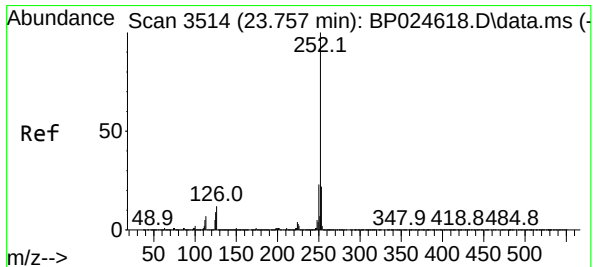
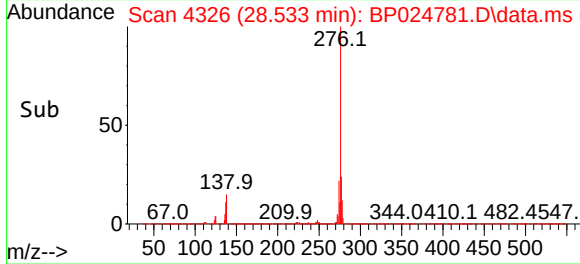
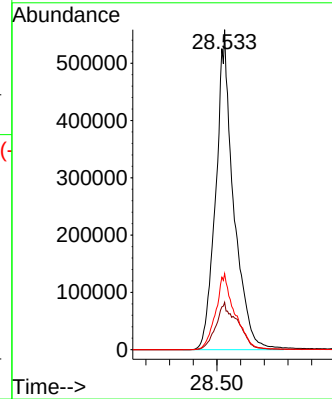
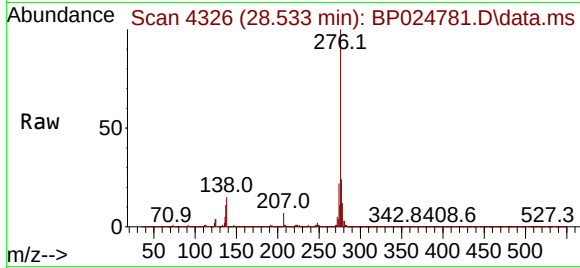




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.943 ng
RT: 28.533 min Scan# 41
Delta R.T. 0.017 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

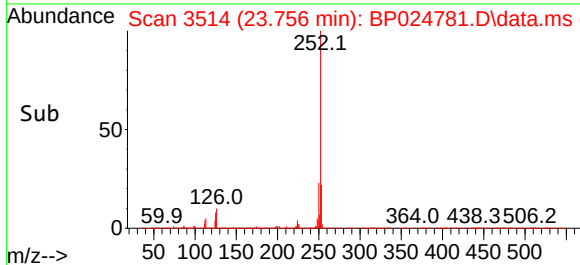
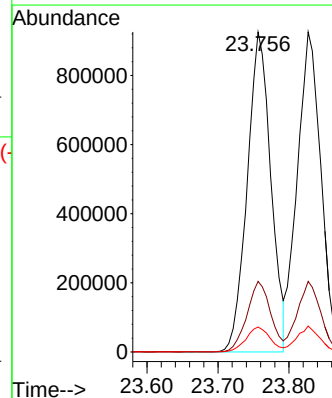
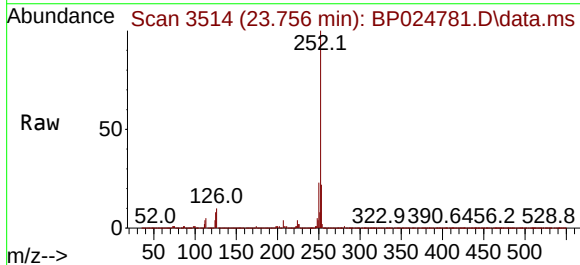
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

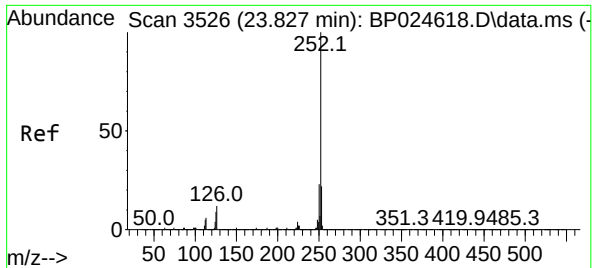
Tgt Ion:276 Resp: 2905896
Ion Ratio Lower Upper
276 100
138 18.1 11.2 16.8#
277 25.7 15.7 23.5#



#88
Benzo(b)fluoranthene
Concen: 46.943 ng
RT: 23.756 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:252 Resp: 2141437
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 7.8 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 45.921 ng

RT: 23.827 min Scan# 3526

Delta R.T. -0.000 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

Instrument :

BNA_P

ClientSampleId :

OR-640-COMP-66MS

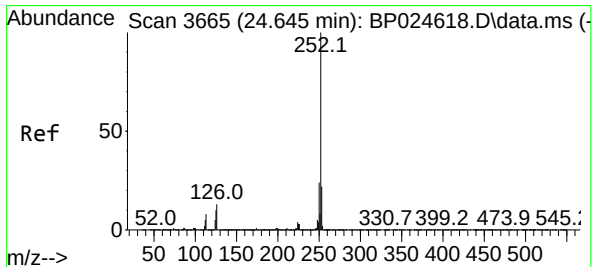
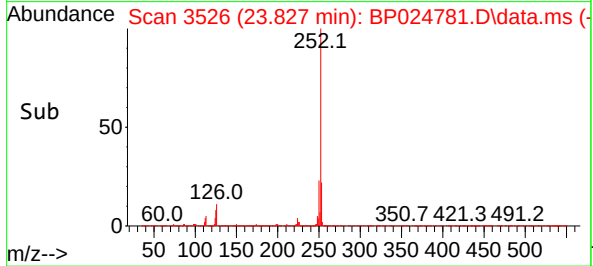
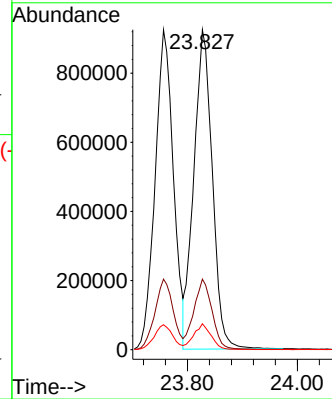
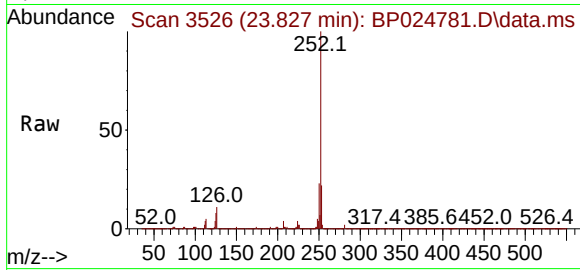
Tgt Ion:252 Resp: 2158581

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 8.1 7.0 10.4



#90

Benzo(a)pyrene

Concen: 46.865 ng

RT: 24.651 min Scan# 3666

Delta R.T. 0.006 min

Lab File: BP024781.D

Acq: 23 May 2025 06:37

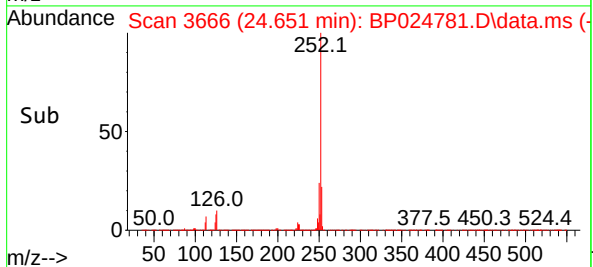
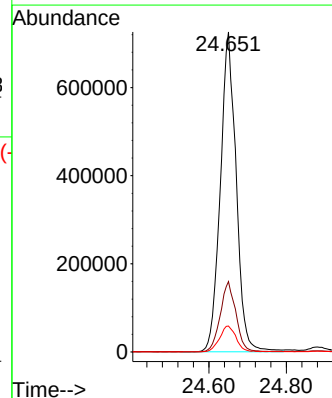
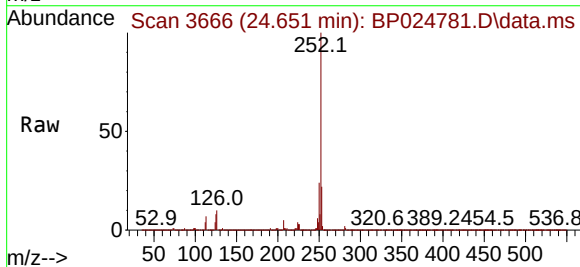
Tgt Ion:252 Resp: 2053264

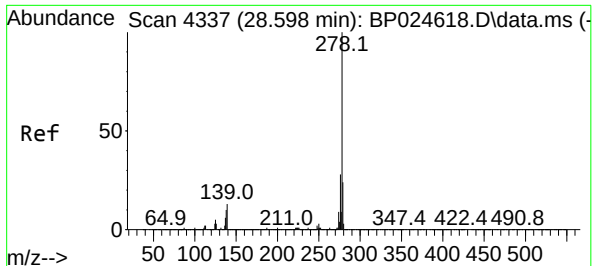
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.1 8.1 12.1

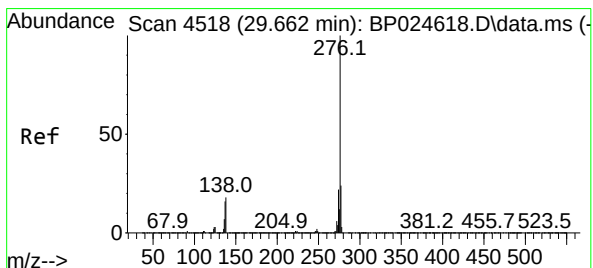
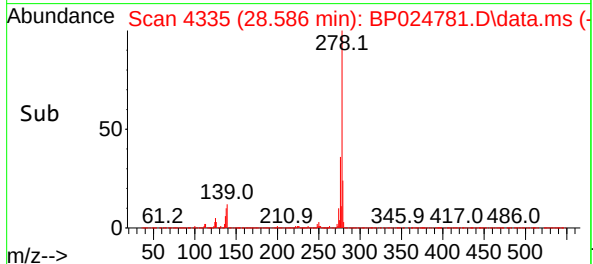
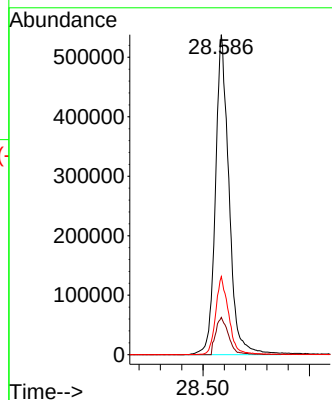
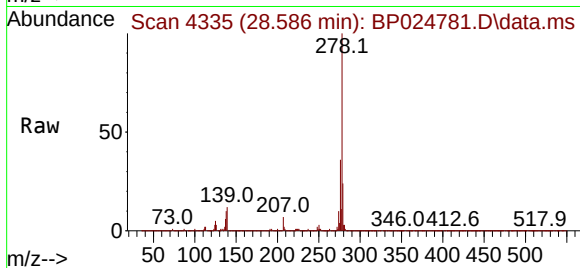




#91
Dibenzo(a,h)anthracene
Concen: 50.222 ng
RT: 28.586 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

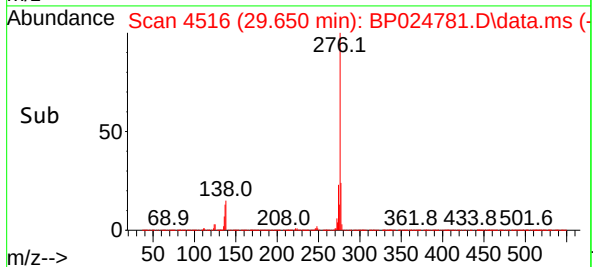
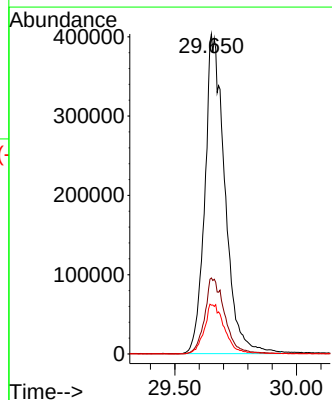
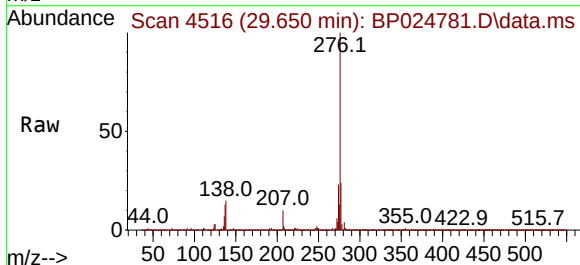
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

Tgt Ion:278 Resp: 2377257
Ion Ratio Lower Upper
278 100
139 11.6 10.2 15.4
279 24.4 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 49.005 ng
RT: 29.650 min Scan# 4516
Delta R.T. -0.012 min
Lab File: BP024781.D
Acq: 23 May 2025 06:37

Tgt Ion:276 Resp: 2306774
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 15.3 14.4 21.6



Report of Analysis

Client:	ENTACT	Date Collected:	05/19/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	OR-640-COMP-66MSD	SDG No.:	Q2078
Lab Sample ID:	Q2084-05MSD	Matrix:	TCLP
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BP024782.D	1	05/22/25 11:14	05/23/25 07:17	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	0.31		0.013	0.050	mg/L
106-46-7	1,4-Dichlorobenzene	0.38		0.0053	0.050	mg/L
95-48-7	2-Methylphenol	0.40		0.011	0.050	mg/L
65794-96-9	3+4-Methylphenols	0.39		0.011	0.10	mg/L
67-72-1	Hexachloroethane	0.35		0.0065	0.050	mg/L
98-95-3	Nitrobenzene	0.39		0.0076	0.050	mg/L
87-68-3	Hexachlorobutadiene	0.43		0.0054	0.050	mg/L
88-06-2	2,4,6-Trichlorophenol	0.48		0.0051	0.050	mg/L
95-95-4	2,4,5-Trichlorophenol	0.47		0.0062	0.050	mg/L
121-14-2	2,4-Dinitrotoluene	0.46		0.012	0.050	mg/L
118-74-1	Hexachlorobenzene	0.50		0.0052	0.050	mg/L
87-86-5	Pentachlorophenol	1.10	E	0.016	0.10	mg/L
SURROGATES						
367-12-4	2-Fluorophenol	121		15 (10) - 110 (139)	81%	SPK: 150
13127-88-3	Phenol-d6	105		15 (10) - 110 (134)	70%	SPK: 150
4165-60-0	Nitrobenzene-d5	71.7		30 (49) - 130 (133)	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.0		30 (52) - 130 (132)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	151		15 (44) - 110 (137)	101%	SPK: 150
1718-51-0	Terphenyl-d14	75.5		30 (48) - 130 (125)	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	93000	7.652			
1146-65-2	Naphthalene-d8	362000	10.422			
15067-26-2	Acenaphthene-d10	231000	14.281			
1517-22-2	Phenanthrene-d10	446000	17.081			
1719-03-5	Chrysene-d12	561000	21.51			
1520-96-3	Perylene-d12	716000	24.792			

Report of Analysis

Client:	ENTACT		Date Collected:	05/19/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	OR-640-COMP-66MSD		SDG No.:	Q2078	
Lab Sample ID:	Q2084-05MSD		Matrix:	TCLP	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
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
BP024782.D	1	05/22/25 11:14	05/23/25 07:17	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP052225\
 Data File : BP024782.D
 Acq On : 23 May 2025 07:17
 Operator : RC/JU
 Sample : Q2084-05MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-640-COMP-66MSD

Quant Time: May 23 07:41:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	92969	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	361724	20.000	ng	#-0.01
39) Acenaphthene-d10	14.281	164	230777	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	445856	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	560847	20.000	ng	-0.01
86) Perylene-d12	24.792	264	715613	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	657755	121.008	ng	0.00
7) Phenol-d6	6.852	99	730747	105.336	ng	0.00
23) Nitrobenzene-d5	8.799	82	513601	71.741	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	591642	151.225	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1355832	76.971	ng	-0.01
79) Terphenyl-d14	19.798	244	2470525	75.532	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.229	88	79694	31.223	ng	# 59
3) Pyridine	3.628	79	173785	30.706	ng	93
4) n-Nitrosodimethylamine	3.529	42	96108	38.465	ng	88
6) Aniline	6.999	93	178343	19.912	ng	99
8) 2-Chlorophenol	7.234	128	260826	42.269	ng	96
9) Benzaldehyde	6.811	77	116560	25.955	ng	97
10) Phenol	6.881	94	253237	35.367	ng	98
11) bis(2-Chloroethyl)ether	7.087	93	208391	35.419	ng	98
12) 1,3-Dichlorobenzene	7.540	146	266583	37.551	ng	99
13) 1,4-Dichlorobenzene	7.687	146	272212	38.124	ng	99
14) 1,2-Dichlorobenzene	7.999	146	266122	38.249	ng	98
15) Benzyl Alcohol	7.899	79	208817	39.610	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.169	45	237639	33.727	ng	99
17) 2-Methylphenol	8.111	107	203664	39.658	ng	97
18) Hexachloroethane	8.716	117	94826	34.656	ng	95
19) n-Nitroso-di-n-propyla...	8.452	70	161712	33.698	ng	94
20) 3+4-Methylphenols	8.440	107	270471	38.718	ng	97
22) Acetophenone	8.469	105	367740	40.699	ng	# 99
24) Nitrobenzene	8.846	77	247148	39.229	ng	91
25) Isophorone	9.369	82	464020	37.366	ng	96
26) 2-Nitrophenol	9.552	139	143738	46.560	ng	94
27) 2,4-Dimethylphenol	9.616	122	233157	42.836	ng	99
28) bis(2-Chloroethoxy)met...	9.840	93	276227	37.231	ng	98
29) 2,4-Dichlorophenol	10.099	162	245988	46.637	ng	97
30) 1,2,4-Trichlorobenzene	10.281	180	260389	43.809	ng	98
31) Naphthalene	10.469	128	788080	42.042	ng	100
32) Benzoic acid	9.787	122	107035	31.321	ng	91
33) 4-Chloroaniline	10.605	127	79285	10.482	ng	98
34) Hexachlorobutadiene	10.752	225	164958	42.841	ng	98
35) Caprolactam	11.393	113	65001	34.062	ng	94
36) 4-Chloro-3-methylphenol	11.740	107	278217	43.254	ng	95
37) 2-Methylnaphthalene	12.081	142	512602	42.233	ng	98
38) 1-Methylnaphthalene	12.305	142	539033	41.506	ng	100
40) 1,2,4,5-Tetrachloroben...	12.457	216	303266	45.253	ng	99
41) Hexachlorocyclopentadiene	12.434	237	325841	80.186	ng	98
43) 2,4,6-Trichlorophenol	12.710	196	207228	47.741	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024782.D
 Acq On : 23 May 2025 07:17
 Operator : RC/JU
 Sample : Q2084-05MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-640-COMP-66MSD

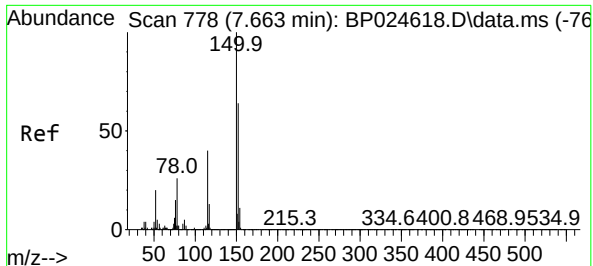
Quant Time: May 23 07:41:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	225735	46.720	ng	96
46) 1,1'-Biphenyl	13.104	154	749163	43.921	ng	99
47) 2-Chloronaphthalene	13.146	162	575810	44.274	ng	100
48) 2-Nitroaniline	13.369	65	161165	41.857	ng	91
49) Acenaphthylene	13.999	152	959360	44.079	ng	99
50) Dimethylphthalate	13.740	163	770691	43.814	ng	100
51) 2,6-Dinitrotoluene	13.863	165	170947	46.017	ng	92
52) Acenaphthene	14.346	154	546321	43.664	ng	99
53) 3-Nitroaniline	14.204	138	84888	22.379	ng	95
54) 2,4-Dinitrophenol	14.422	184	117170	52.417	ng	98
55) Dibenzofuran	14.687	168	872905	43.738	ng	99
56) 4-Nitrophenol	14.569	139	209299	64.595	ng	96
57) 2,4-Dinitrotoluene	14.669	165	241715	46.152	ng	96
58) Fluorene	15.351	166	715425	43.964	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	217489	48.524	ng	93
60) Diethylphthalate	15.122	149	752465	42.325	ng	99
61) 4-Chlorophenyl-phenyle...	15.340	204	360337	44.401	ng	99
62) 4-Nitroaniline	15.387	138	147088	40.160	ng	100
63) Azobenzene	15.640	77	569872	37.470	ng	93
65) 4,6-Dinitro-2-methylph...	15.451	198	109753	38.109	ng	99
66) n-Nitrosodiphenylamine	15.563	169	621394	45.374	ng	97
67) 4-Bromophenyl-phenylether	16.251	248	255717	48.674	ng	98
68) Hexachlorobenzene	16.369	284	333729	49.991	ng	96
69) Atrazine	16.545	200	239766	47.773	ng	99
70) Pentachlorophenol	16.734	266	393657	105.047	ng	99
71) Phenanthrene	17.122	178	1128997	45.550	ng	100
72) Anthracene	17.216	178	1166386	46.773	ng	100
73) Carbazole	17.504	167	1081489	47.916	ng	100
74) Di-n-butylphthalate	18.075	149	1272930	43.852	ng	100
75) Fluoranthene	19.204	202	1386988	47.872	ng	99
77) Benzidine	19.422	184	131059	8.580	ng	100
78) Pyrene	19.581	202	1441947	42.909	ng	99
80) Butylbenzylphthalate	20.533	149	629810	42.141	ng	92
81) Benzo(a)anthracene	21.486	228	1598091	45.379	ng	100
82) 3,3'-Dichlorobenzidine	21.422	252	379580	29.020	ng	99
83) Chrysene	21.557	228	1513693	45.342	ng	100
84) Bis(2-ethylhexyl)phtha...	21.422	149	899852	40.964	ng	98
85) Di-n-octyl phthalate	22.669	149	1557363	43.354	ng	99
87) Indeno(1,2,3-cd)pyrene	28.504	276	2627318	50.290	ng	# 90
88) Benzo(b)fluoranthene	23.751	252	1852585	45.228	ng	98
89) Benzo(k)fluoranthene	23.810	252	1862012	44.116	ng	99
90) Benzo(a)pyrene	24.633	252	1800453	45.767	ng	98
91) Dibenzo(a,h)anthracene	28.580	278	2151150	50.613	ng	98
92) Benzo(g,h,i)perylene	29.662	276	2133372	50.475	ng	96

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

Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

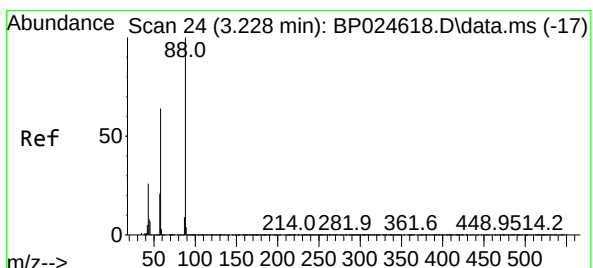
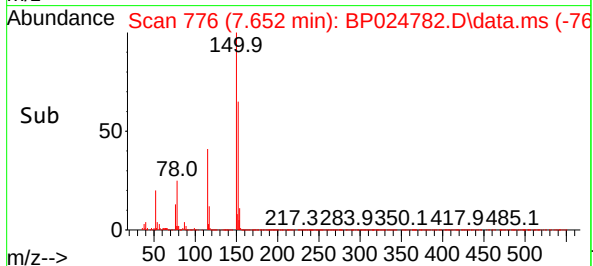
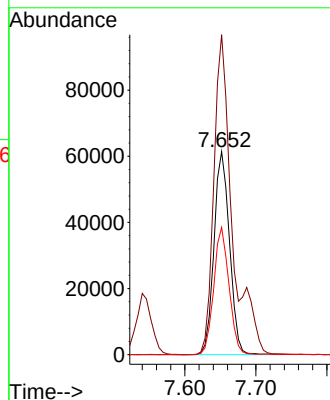
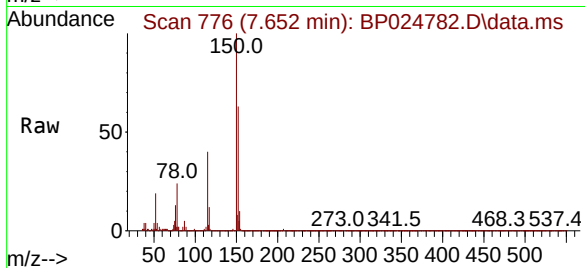
[illegible]



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.652 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BP024782.D
 Acq: 23 May 2025 07:17

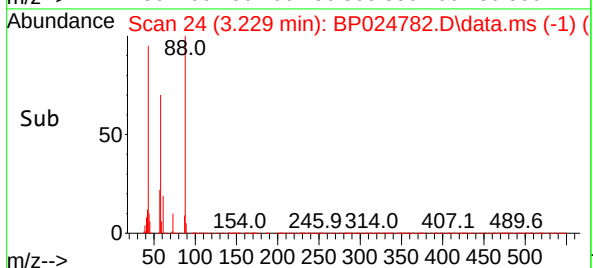
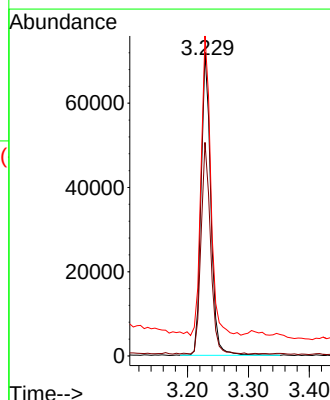
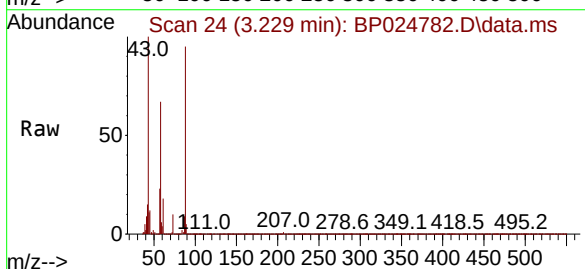
Instrument :
 BNA_P
 ClientSampleId :
 OR-640-COMP-66MSD

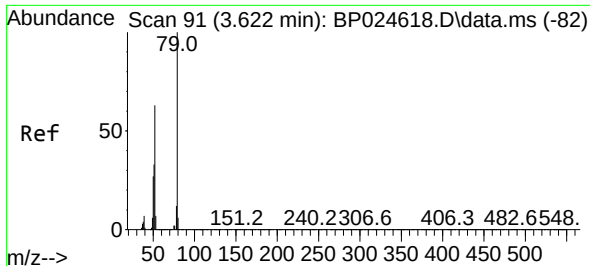
Tgt Ion:152 Resp: 92969
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.9 188.9
 115 62.6 50.1 75.1



#2
 1,4-Dioxane
 Concen: 31.223 ng
 RT: 3.229 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BP024782.D
 Acq: 23 May 2025 07:17

Tgt Ion: 88 Resp: 79694
 Ion Ratio Lower Upper
 88 100
 58 69.1 54.0 81.0
 43 98.9 21.4 32.0#

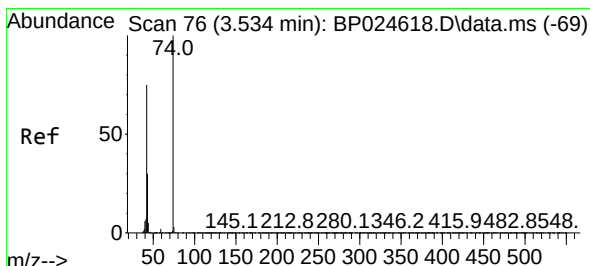
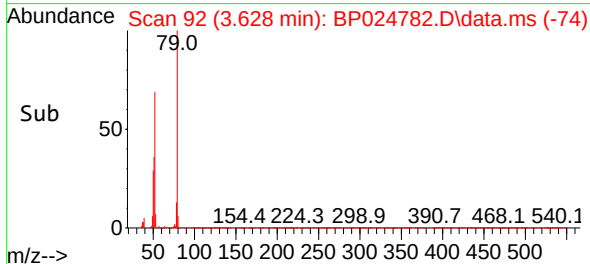
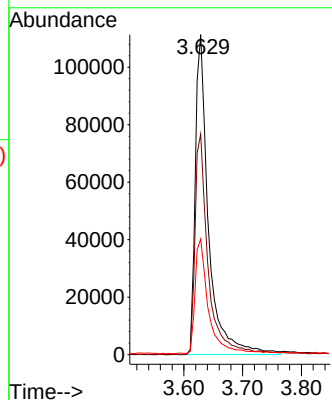
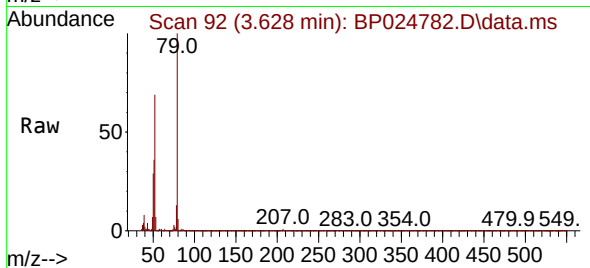




#3
Pyridine
Concen: 30.706 ng
RT: 3.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

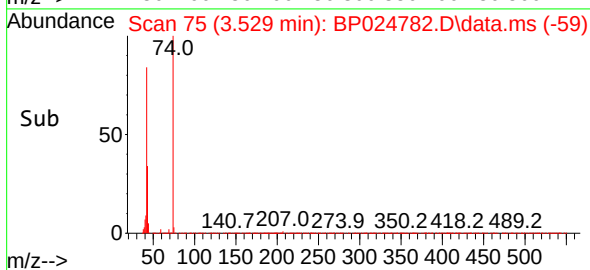
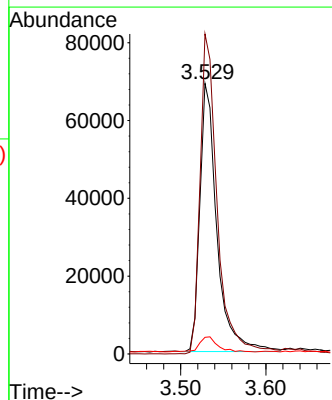
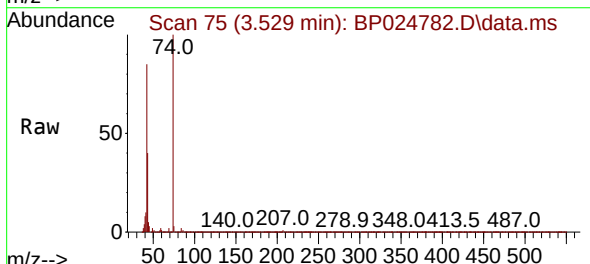
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

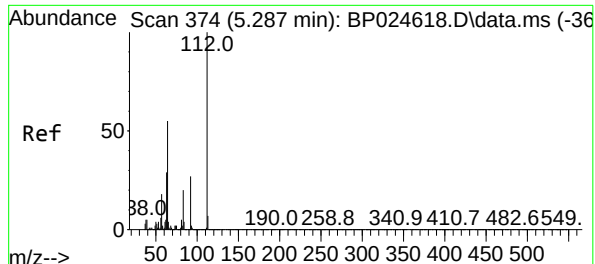
Tgt Ion: 79 Resp: 173785
Ion Ratio Lower Upper
79 100
52 68.9 50.2 75.2
51 36.2 26.8 40.2



#4
n-Nitrosodimethylamine
Concen: 38.465 ng
RT: 3.529 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion: 42 Resp: 96108
Ion Ratio Lower Upper
42 100
74 118.3 106.2 159.2
44 6.2 5.4 8.2

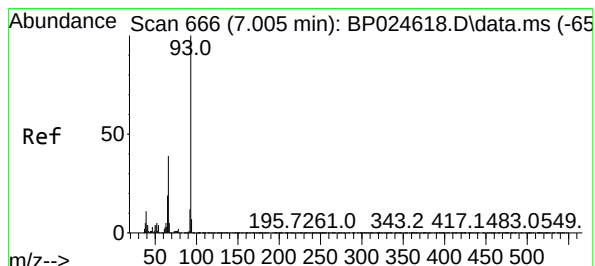
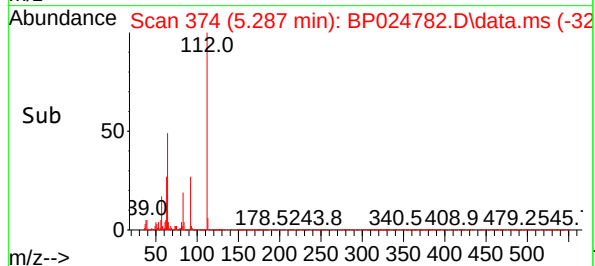
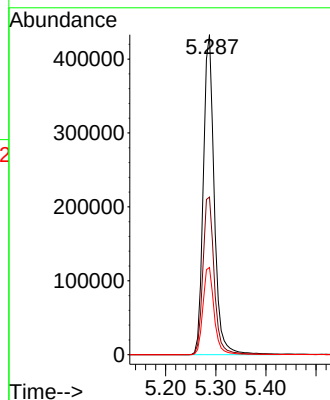
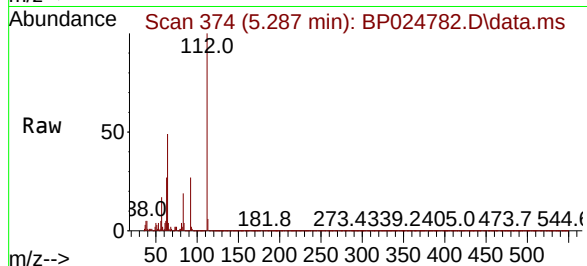




#5
2-Fluorophenol
Concen: 121.008 ng
RT: 5.287 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

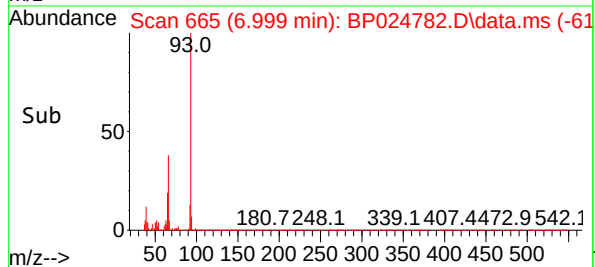
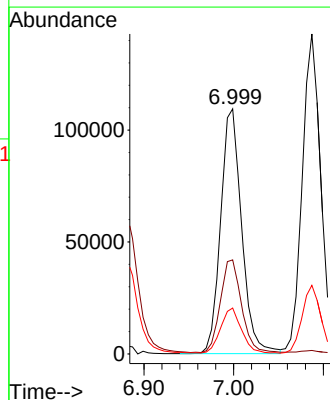
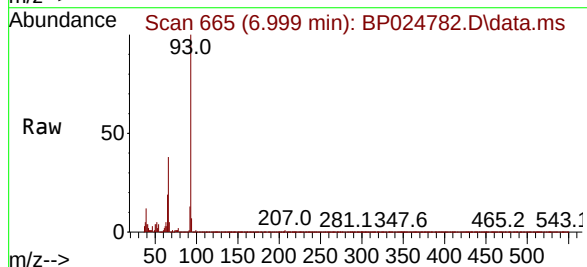
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

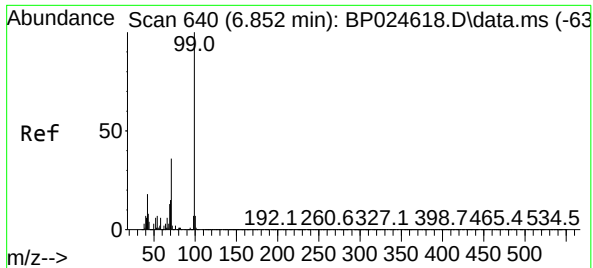
Tgt Ion:112 Resp: 657755
Ion Ratio Lower Upper
112 100
64 49.2 44.1 66.1
63 27.3 23.5 35.3



#6
Aniline
Concen: 19.912 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion: 93 Resp: 178343
Ion Ratio Lower Upper
93 100
66 38.4 31.0 46.6
65 18.7 15.5 23.3

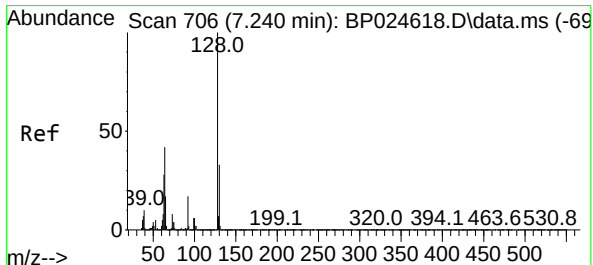
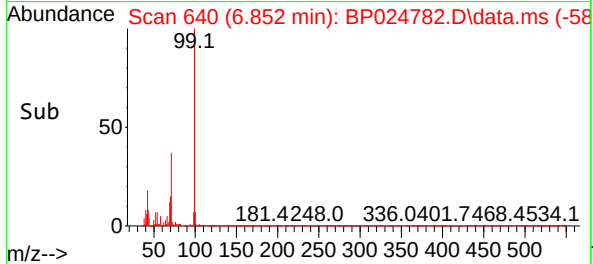
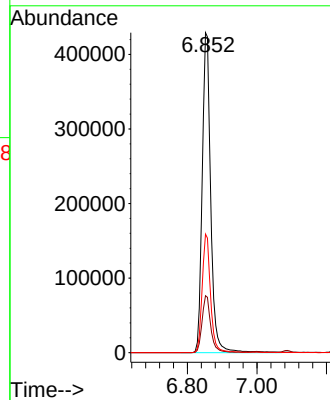
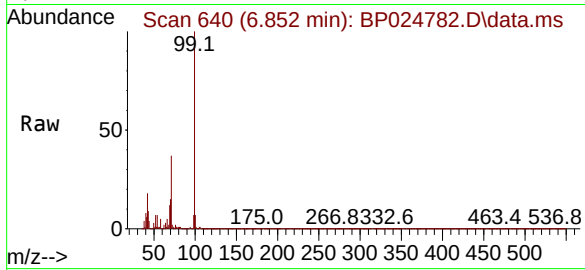




#7
Phenol-d6
Concen: 105.336 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

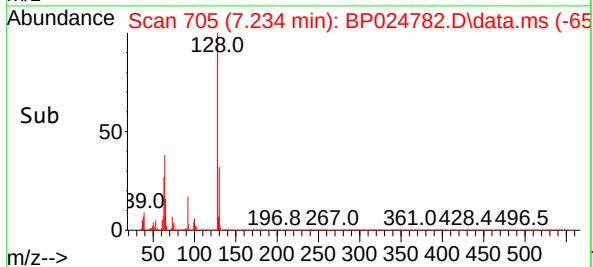
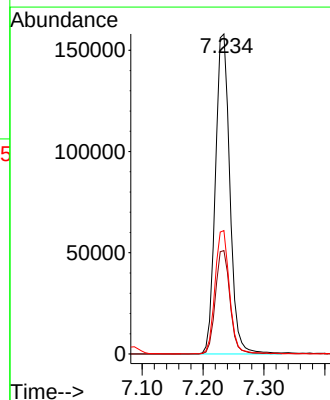
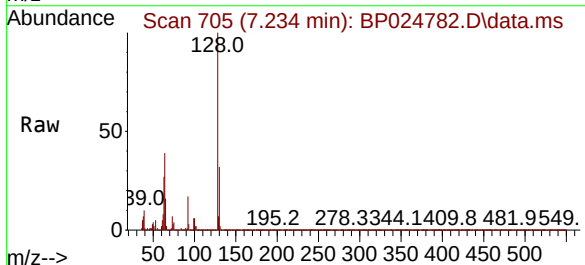
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

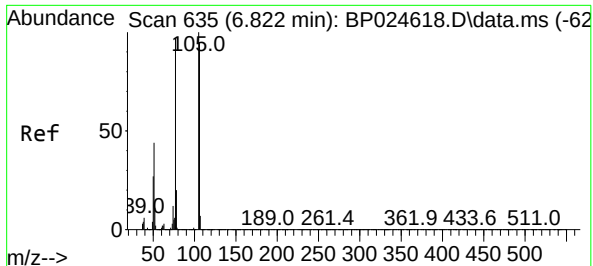
Tgt Ion: 99 Resp: 730747
Ion Ratio Lower Upper
99 100
42 17.8 14.4 21.6
71 37.0 29.2 43.8



#8
2-Chlorophenol
Concen: 42.269 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion: 128 Resp: 260826
Ion Ratio Lower Upper
128 100
130 32.3 13.0 53.0
64 38.6 22.3 62.3

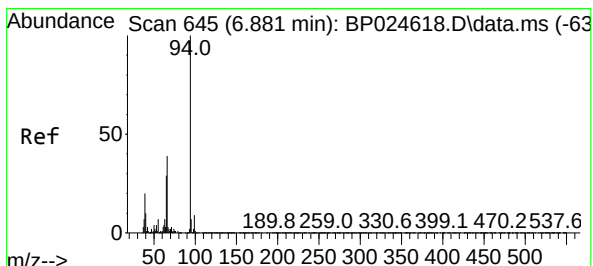
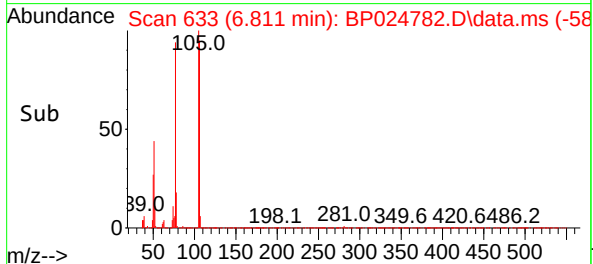
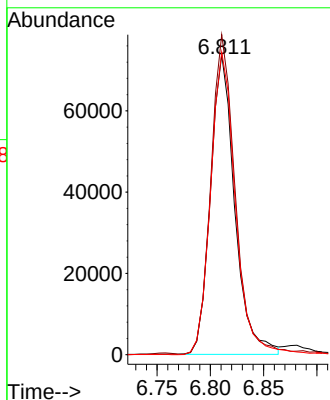
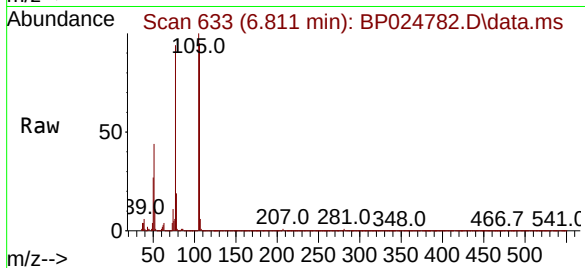




#9
Benzaldehyde
Concen: 25.955 ng
RT: 6.811 min Scan# 611
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

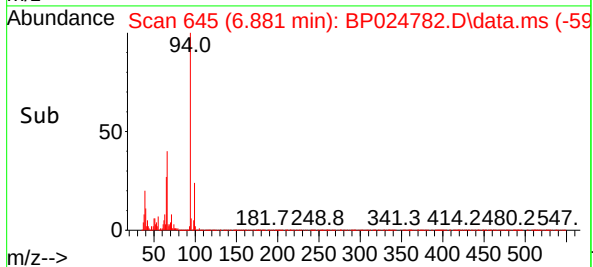
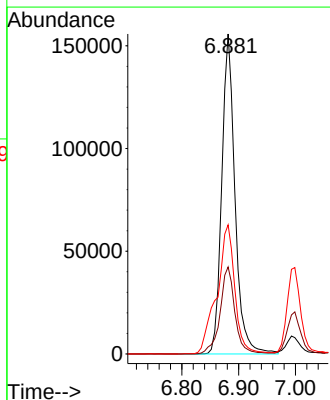
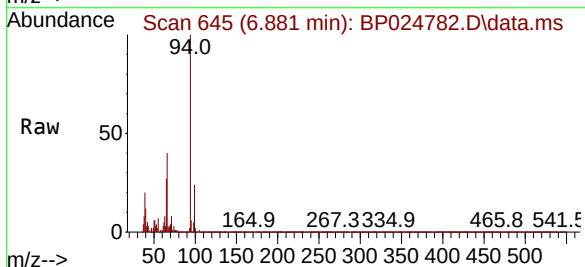
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

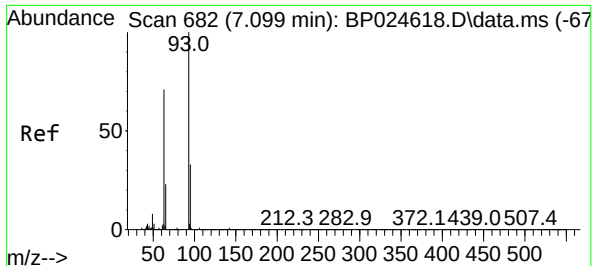
Tgt Ion: 77 Resp: 116560
Ion Ratio Lower Upper
77 100
105 106.7 83.3 123.3
106 100.9 78.0 118.0



#10
Phenol
Concen: 35.367 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion: 94 Resp: 253237
Ion Ratio Lower Upper
94 100
65 27.2 8.7 48.7
66 40.4 19.4 59.4

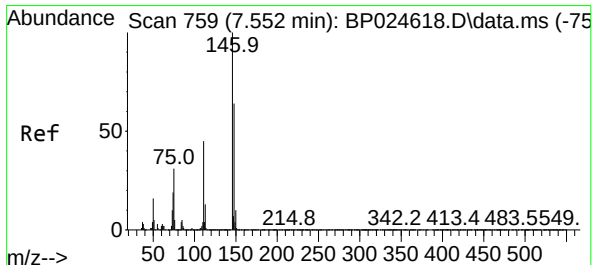
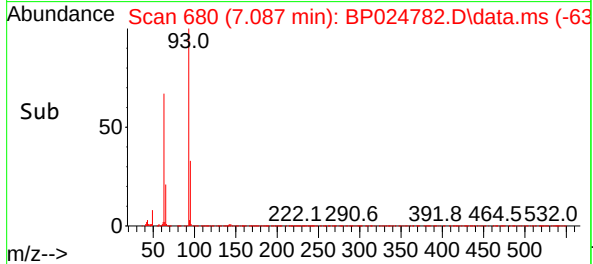
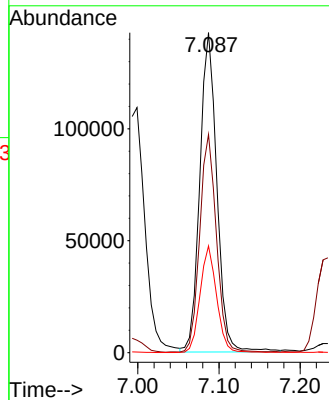
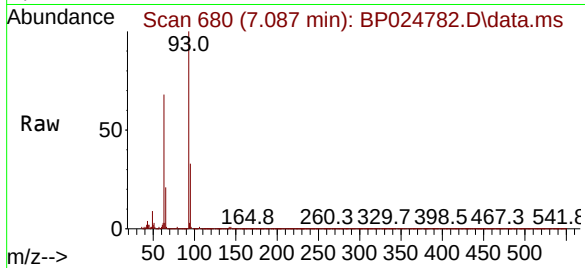




#11
bis(2-Chloroethyl)ether
Concen: 35.419 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

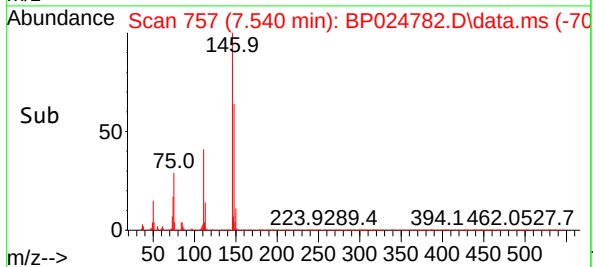
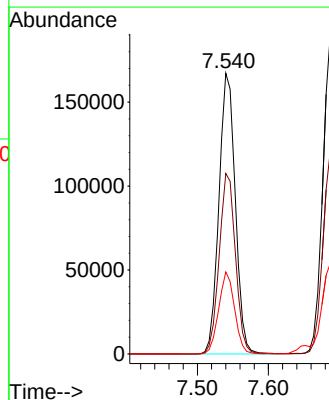
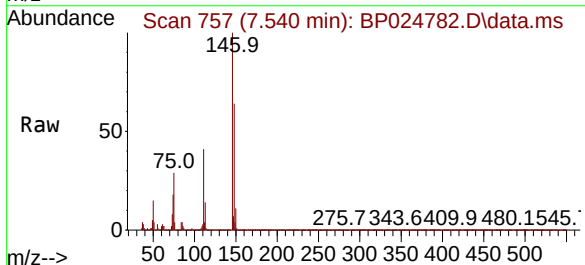
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

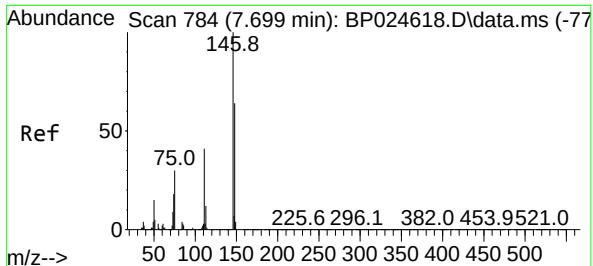
Tgt Ion: 93 Resp: 208391
Ion Ratio Lower Upper
93 100
63 68.2 50.6 90.6
95 33.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 37.551 ng
RT: 7.540 min Scan# 757
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion: 146 Resp: 266583
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
75 29.2 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 38.124 ng

RT: 7.687 min Scan# 71

Delta R.T. -0.012 min

Lab File: BP024782.D

Acq: 23 May 2025 07:17

Instrument :

BNA_P

ClientSampleId :

OR-640-COMP-66MSD

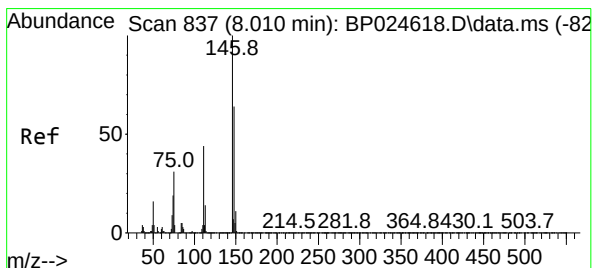
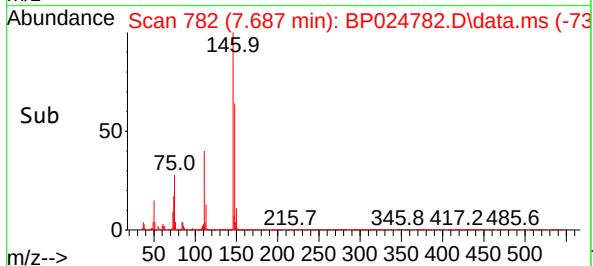
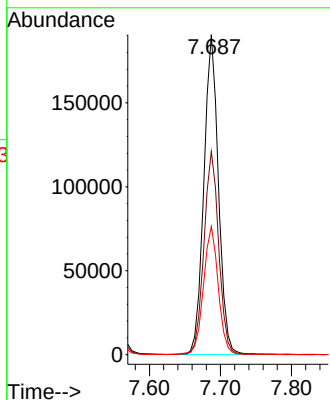
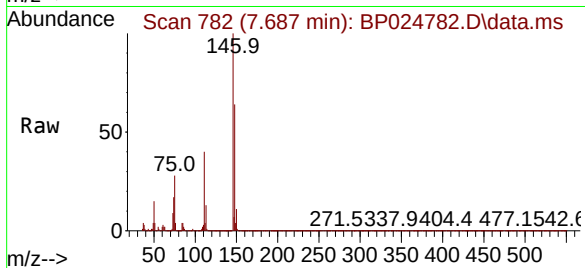
Tgt Ion:146 Resp: 272212

Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.6

111 40.1 33.0 49.6



#14

1,2-Dichlorobenzene

Concen: 38.249 ng

RT: 7.999 min Scan# 835

Delta R.T. -0.012 min

Lab File: BP024782.D

Acq: 23 May 2025 07:17

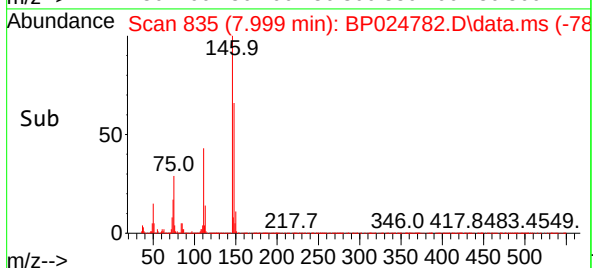
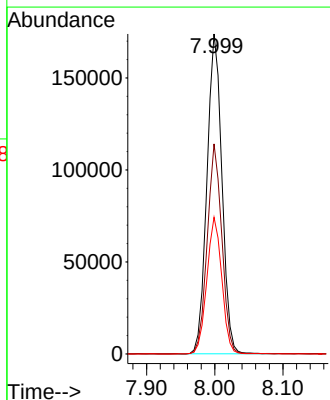
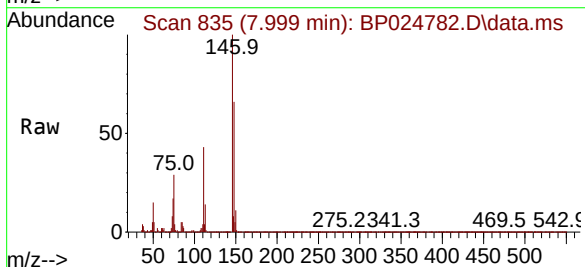
Tgt Ion:146 Resp: 266122

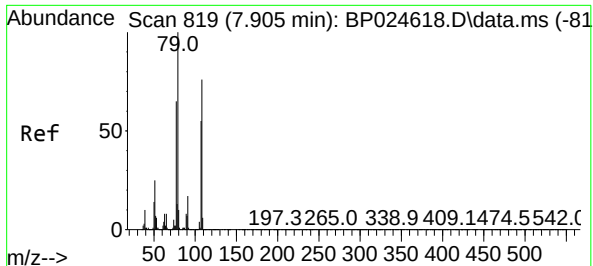
Ion Ratio Lower Upper

146 100

148 65.7 51.0 76.4

111 42.7 35.2 52.8

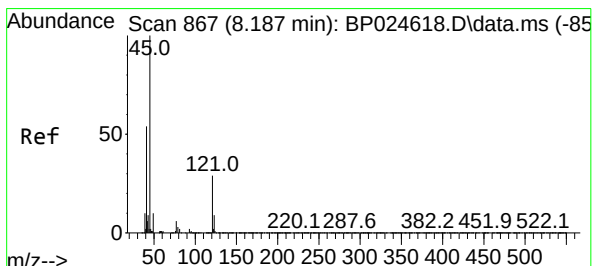
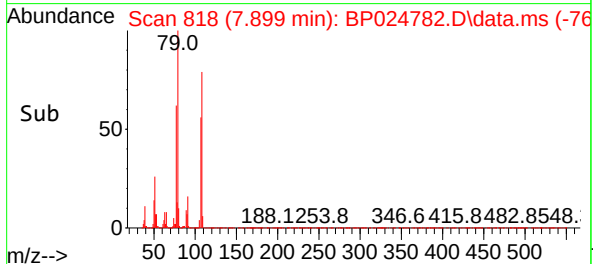
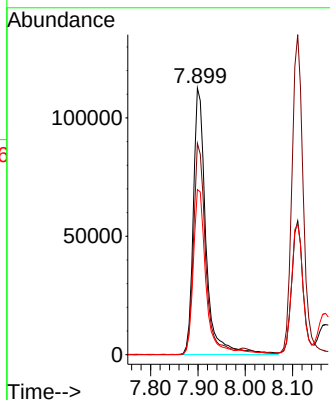
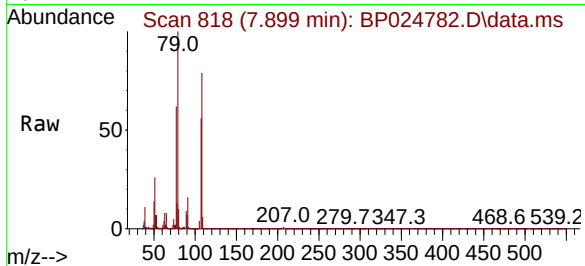




#15
Benzyl Alcohol
Concen: 39.610 ng
RT: 7.899 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

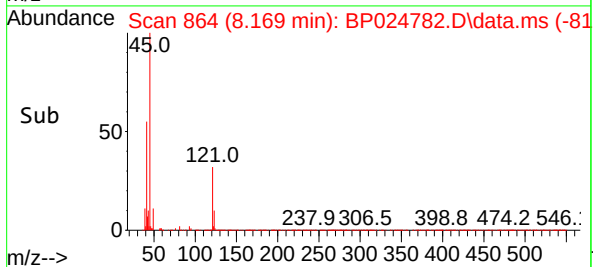
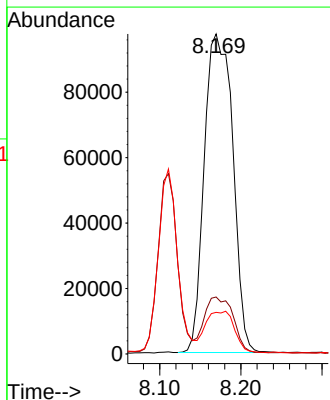
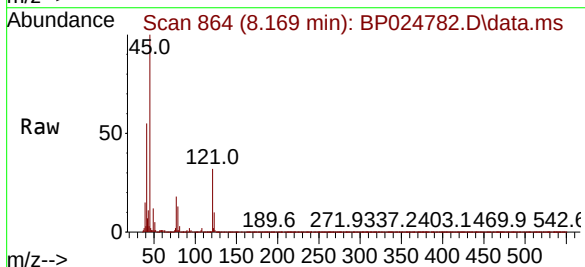
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

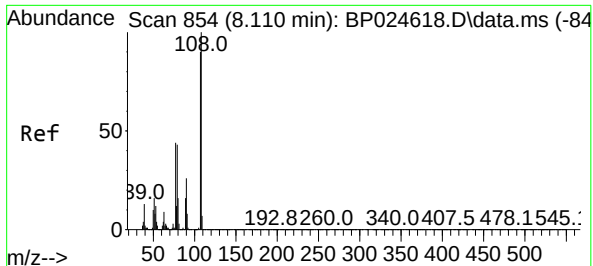
Tgt Ion: 79 Resp: 208817
Ion Ratio Lower Upper
79 100
108 79.2 60.8 91.2
77 61.9 51.9 77.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.727 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.017 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

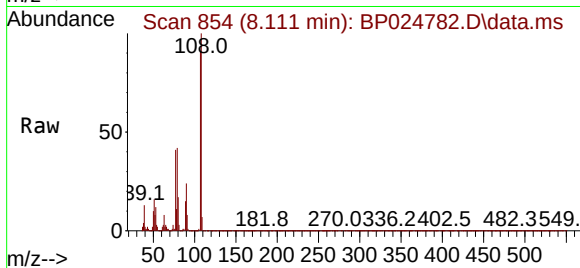
Tgt Ion: 45 Resp: 237639
Ion Ratio Lower Upper
45 100
77 17.8 0.0 37.7
79 13.0 0.0 34.0



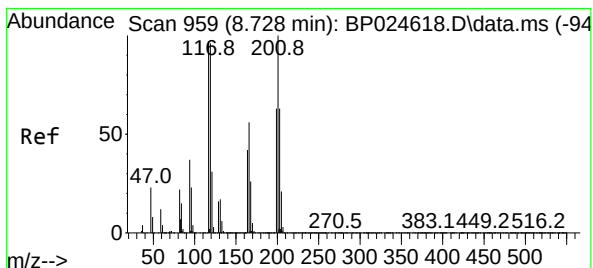
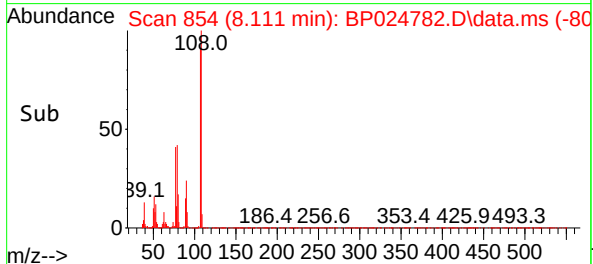
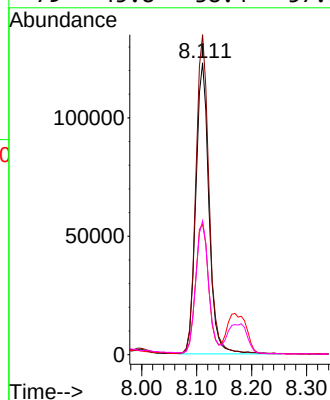


#17
2-Methylphenol
Concen: 39.658 ng
RT: 8.111 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

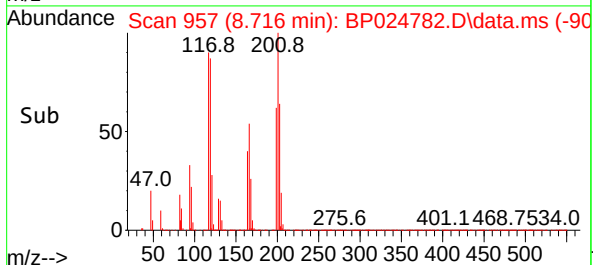
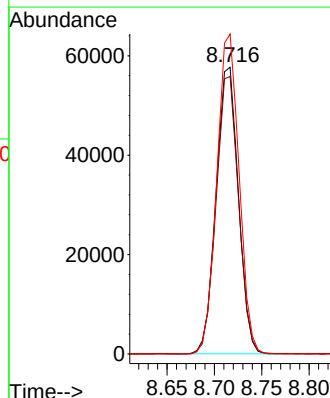
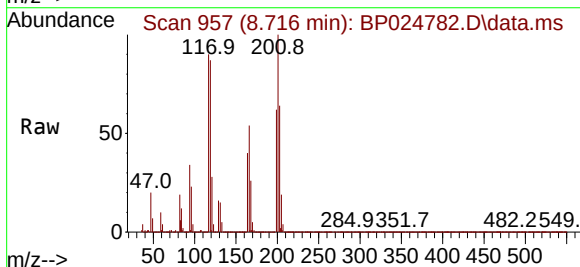


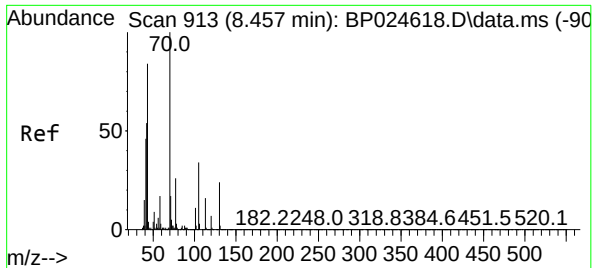
Tgt Ion:107 Resp: 203664
Ion Ratio Lower Upper
107 100
108 109.6 88.9 133.3
77 44.7 39.0 58.6
79 45.8 38.4 57.6



#18
Hexachloroethane
Concen: 34.656 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:117 Resp: 94826
Ion Ratio Lower Upper
117 100
119 96.8 79.4 119.0
201 111.6 82.7 124.1





#19

n-Nitroso-di-n-propylamine

Concen: 33.698 ng

RT: 8.452 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP024782.D

Acq: 23 May 2025 07:17

Instrument :

BNA_P

ClientSampleId :

OR-640-COMP-66MSD

Tgt Ion: 70 Resp: 161712

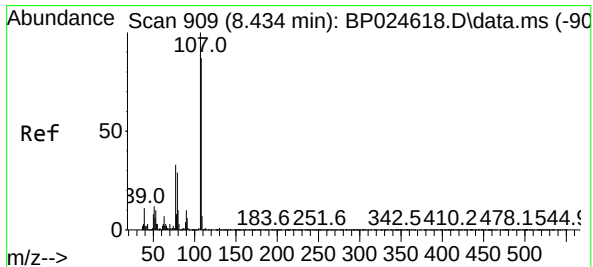
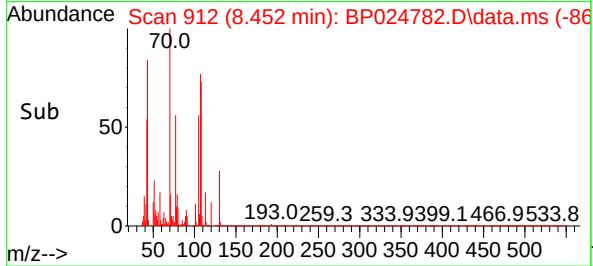
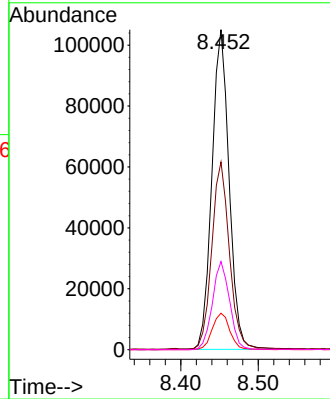
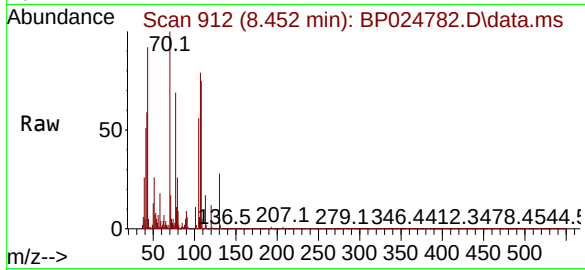
Ion Ratio Lower Upper

70 100

42 58.7 43.0 64.6

101 11.4 8.7 13.1

130 27.5 19.4 29.0



#20

3+4-Methylphenols

Concen: 38.718 ng

RT: 8.440 min Scan# 910

Delta R.T. 0.006 min

Lab File: BP024782.D

Acq: 23 May 2025 07:17

Tgt Ion: 107 Resp: 270471

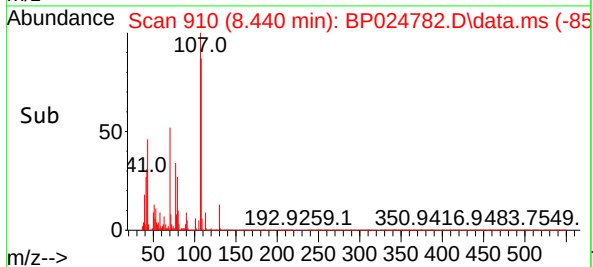
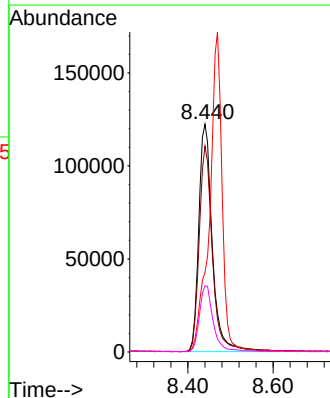
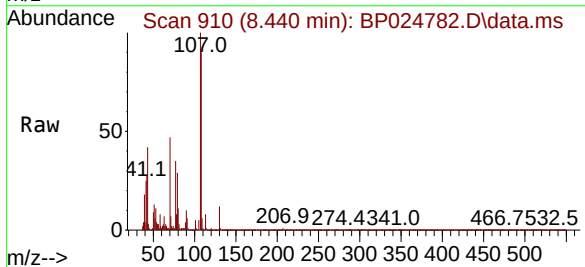
Ion Ratio Lower Upper

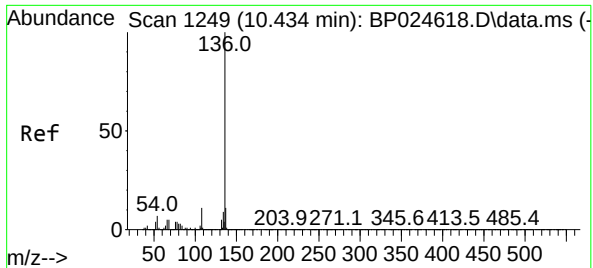
107 100

108 90.4 66.7 106.7

77 35.0 13.1 53.1

79 29.0 8.9 48.9

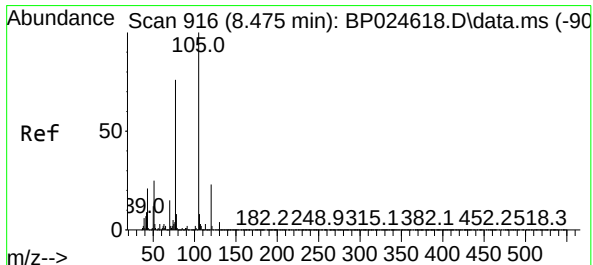
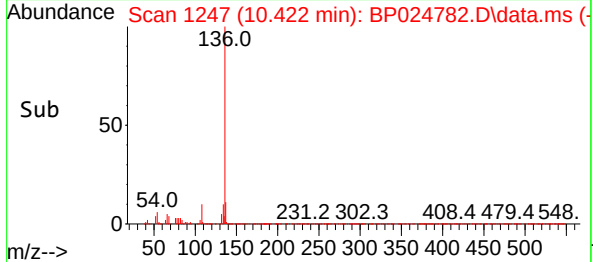
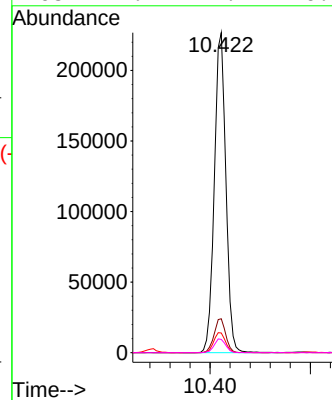
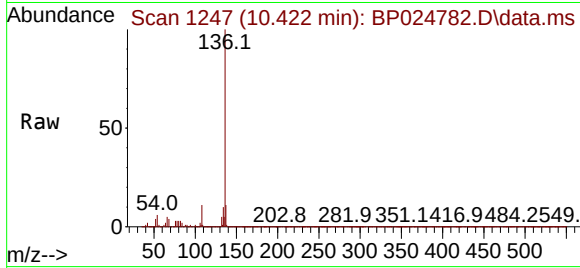




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

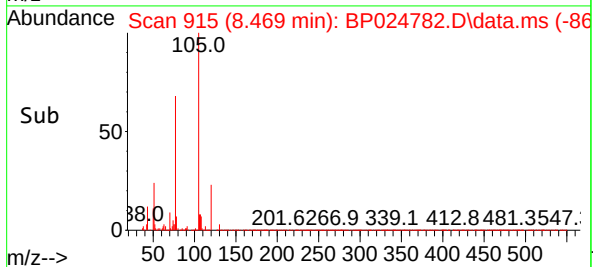
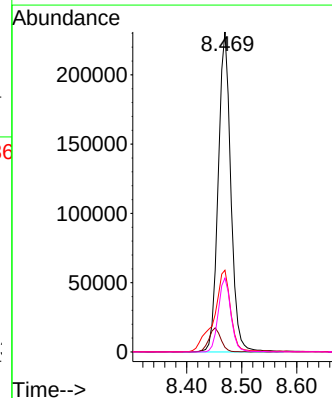
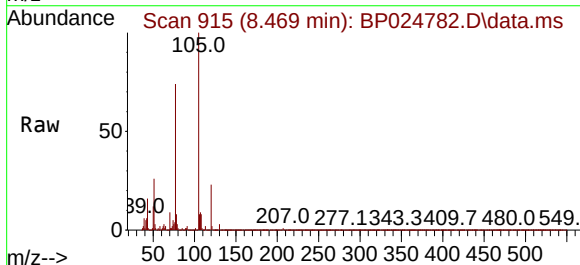
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

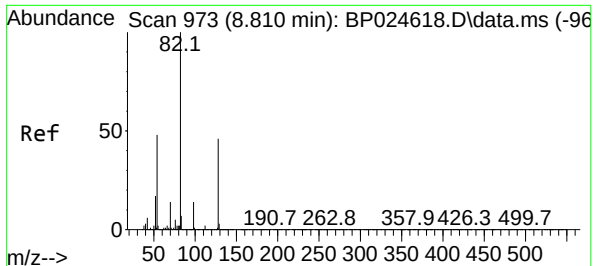
Tgt Ion:	136	Resp:	361724
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.1	5.5	8.3
68	4.1	4.2	6.2



#22
Acetophenone
Concen: 40.699 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:	105	Resp:	367740
Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.0	3.0
51	25.6	20.4	30.6
120	23.1	18.1	27.1





#23

Nitrobenzene-d5

Concen: 71.741 ng

RT: 8.799 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP024782.D

Acq: 23 May 2025 07:17

Instrument :

BNA_P

ClientSampleId :

OR-640-COMP-66MSD

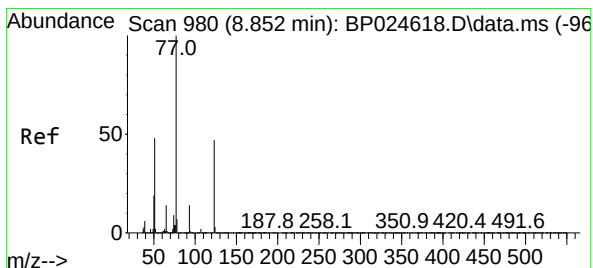
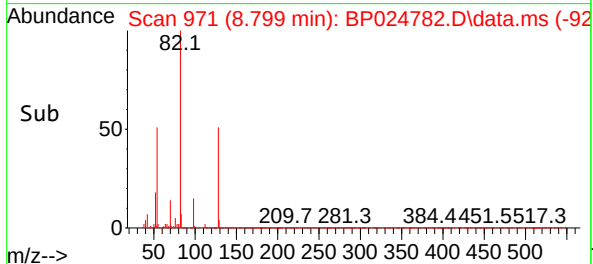
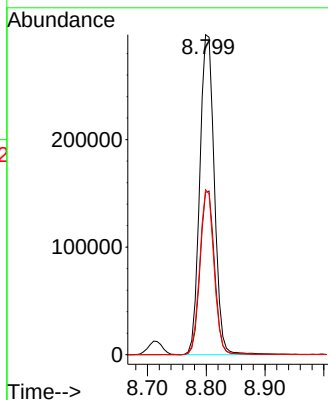
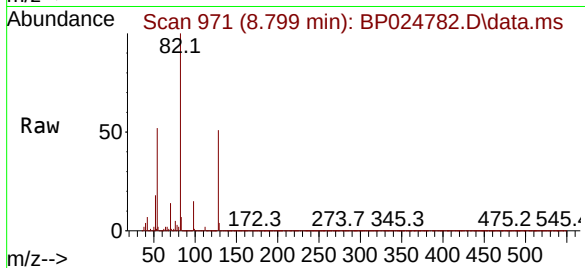
Tgt Ion: 82 Resp: 513601

Ion Ratio Lower Upper

82 100

128 50.7 37.0 55.4

54 51.5 38.7 58.1



#24

Nitrobenzene

Concen: 39.229 ng

RT: 8.846 min Scan# 979

Delta R.T. -0.006 min

Lab File: BP024782.D

Acq: 23 May 2025 07:17

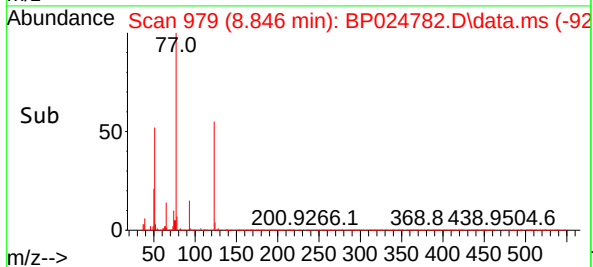
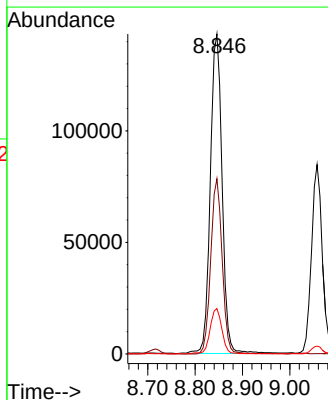
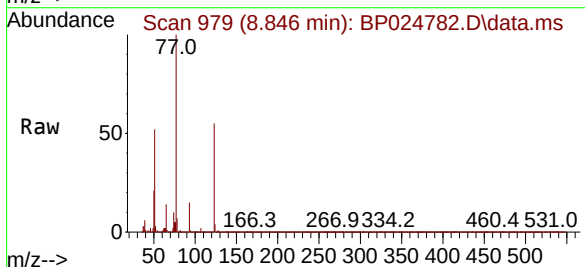
Tgt Ion: 77 Resp: 247148

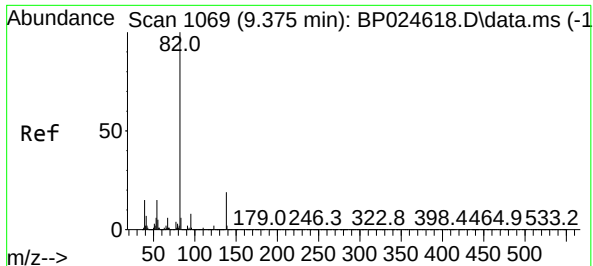
Ion Ratio Lower Upper

77 100

123 54.8 37.4 56.0

65 14.2 11.3 16.9

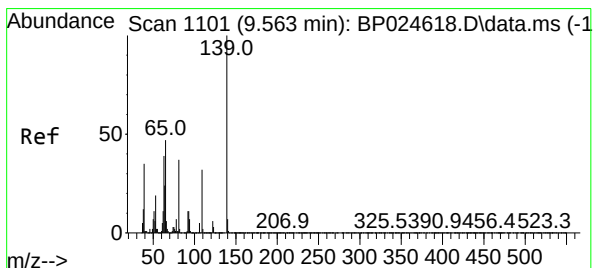
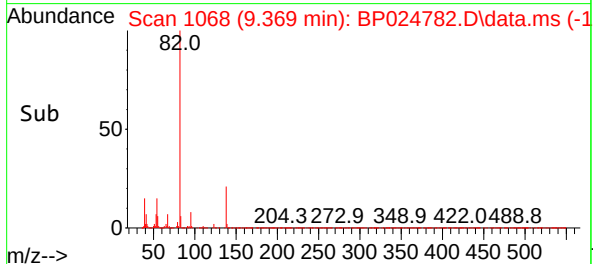
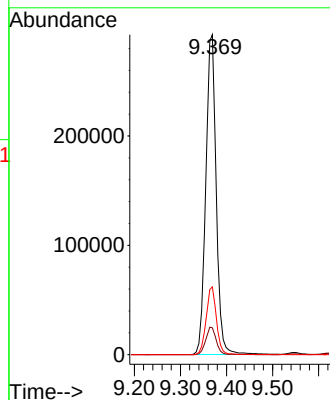
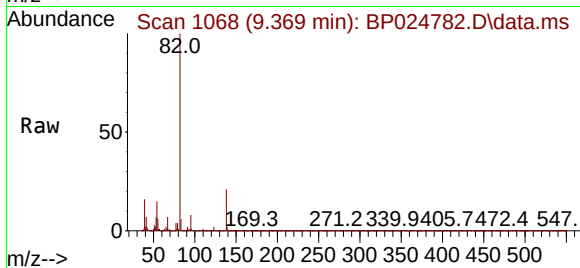




#25
Isophorone
Concen: 37.366 ng
RT: 9.369 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

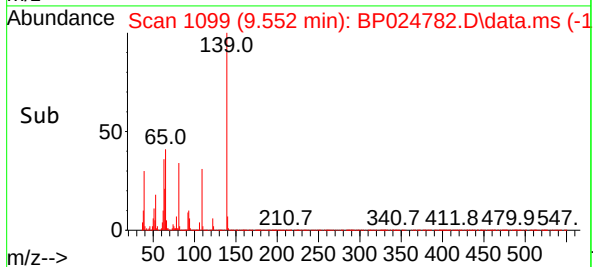
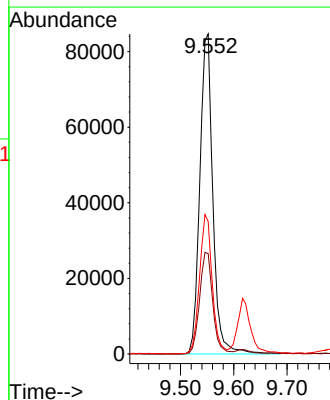
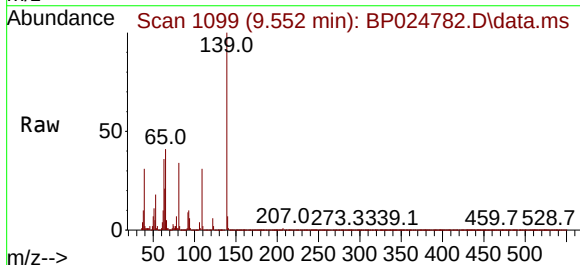
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

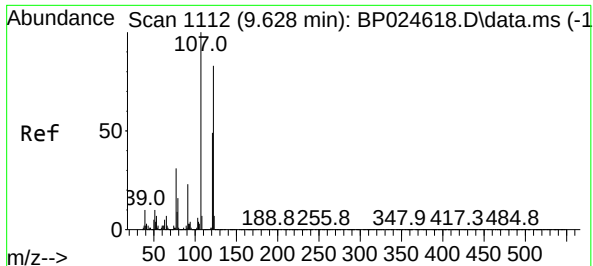
Tgt Ion: 82 Resp: 464020
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 21.2 15.3 22.9



#26
2-Nitrophenol
Concen: 46.560 ng
RT: 9.552 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion: 139 Resp: 143738
Ion Ratio Lower Upper
139 100
109 31.3 25.9 38.9
65 41.4 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 42.836 ng

RT: 9.616 min Scan# 1110

Delta R.T. -0.012 min

Lab File: BP024782.D

Acq: 23 May 2025 07:17

Instrument :

BNA_P

ClientSampleId :

OR-640-COMP-66MSD

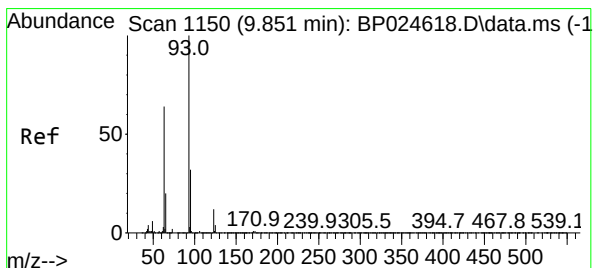
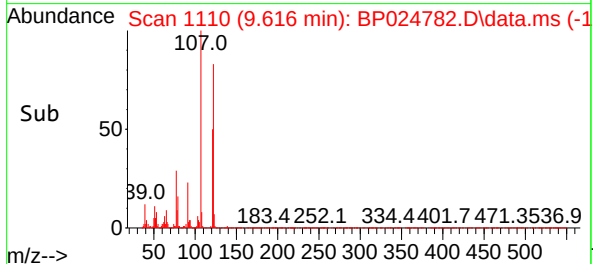
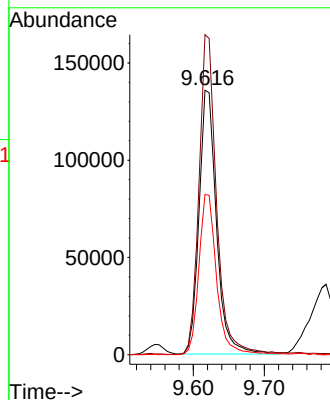
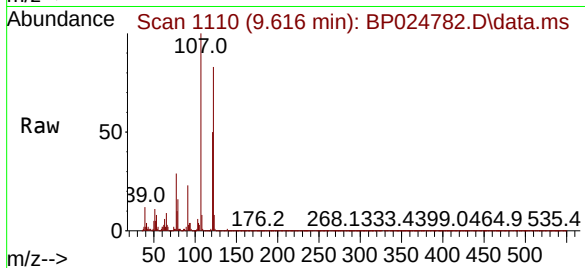
Tgt Ion:122 Resp: 233157

Ion Ratio Lower Upper

122 100

107 121.0 96.2 144.2

121 60.6 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 37.231 ng

RT: 9.840 min Scan# 1148

Delta R.T. -0.012 min

Lab File: BP024782.D

Acq: 23 May 2025 07:17

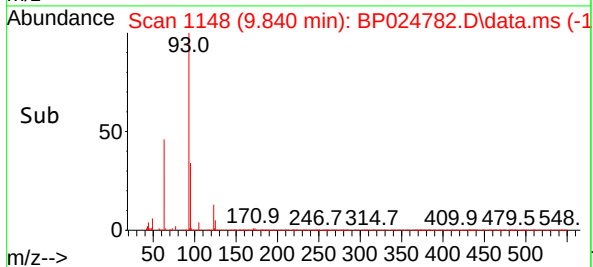
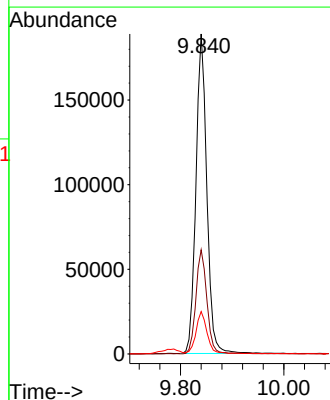
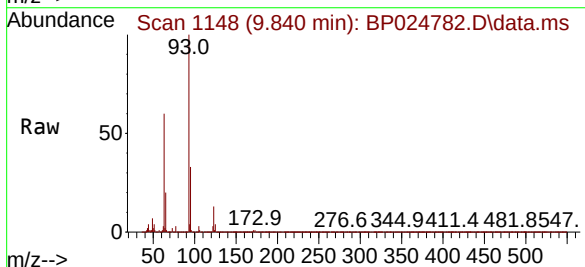
Tgt Ion: 93 Resp: 276227

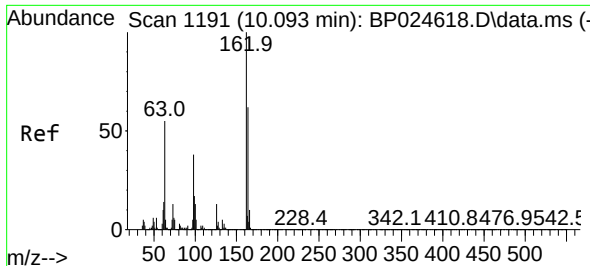
Ion Ratio Lower Upper

93 100

95 32.6 25.5 38.3

123 13.2 9.7 14.5

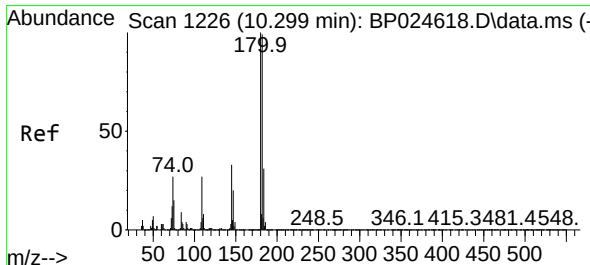
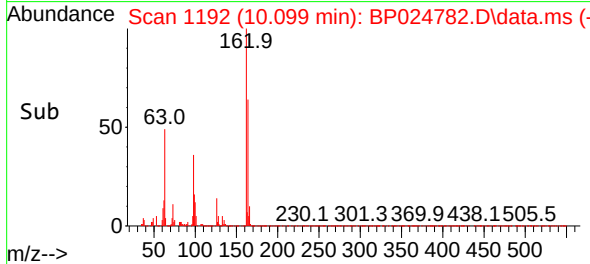
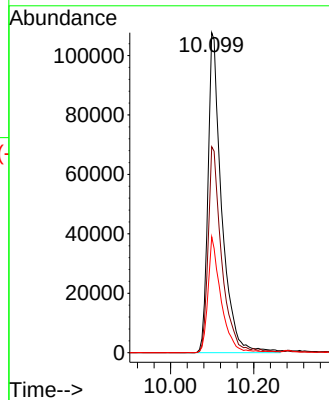
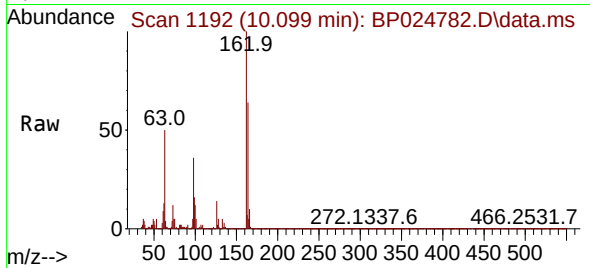




#29
2,4-Dichlorophenol
Concen: 46.637 ng
RT: 10.099 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

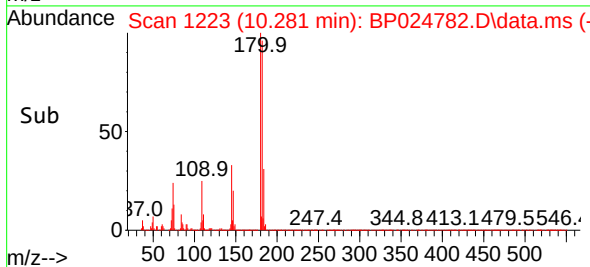
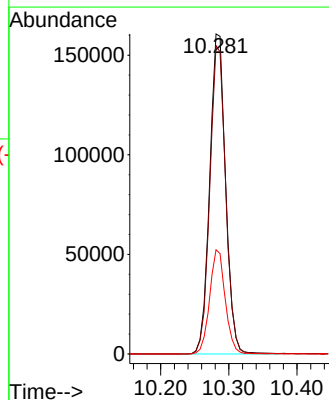
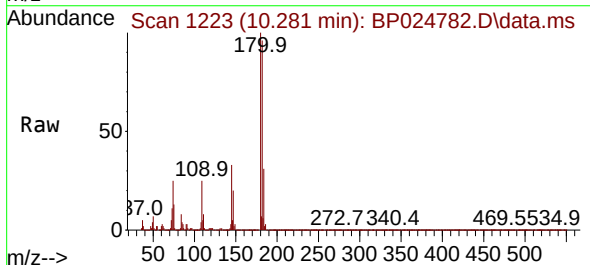
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

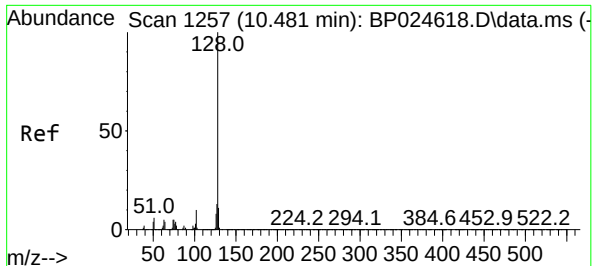
Tgt Ion:162 Resp: 245988
Ion Ratio Lower Upper
162 100
164 64.3 42.3 82.3
98 36.2 18.4 58.4



#30
1,2,4-Trichlorobenzene
Concen: 43.809 ng
RT: 10.281 min Scan# 1223
Delta R.T. -0.017 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:180 Resp: 260389
Ion Ratio Lower Upper
180 100
182 96.3 79.0 118.4
145 32.6 26.6 39.8

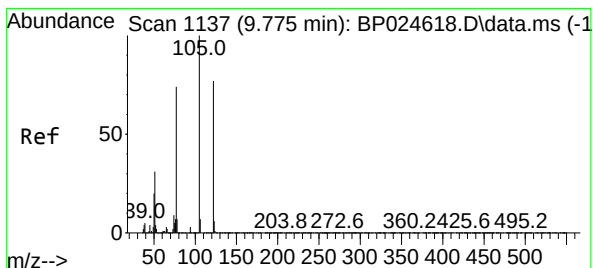
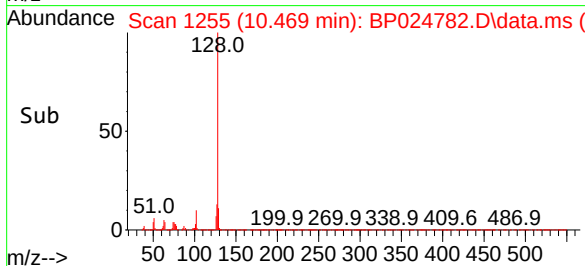
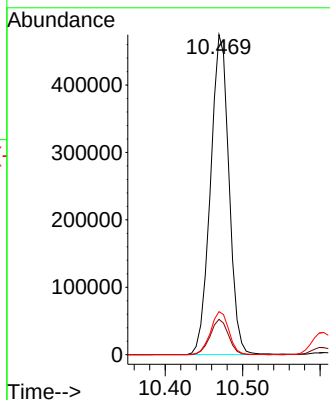
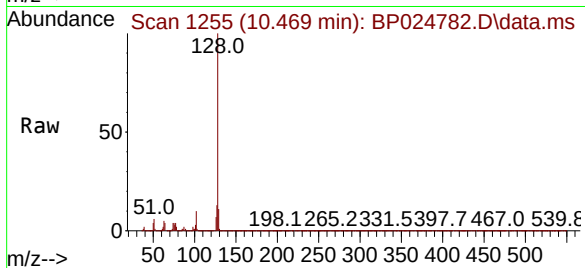




#31
Naphthalene
Concen: 42.042 ng
RT: 10.469 min Scan# 1139
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

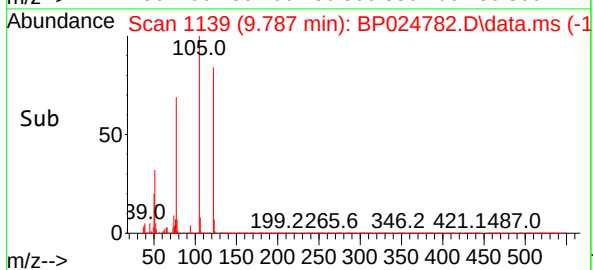
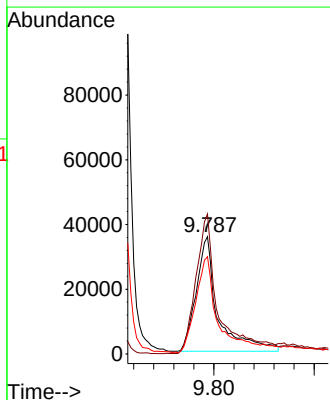
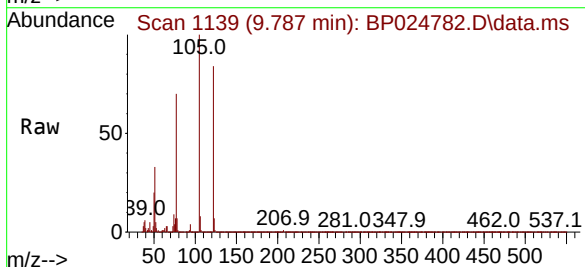
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

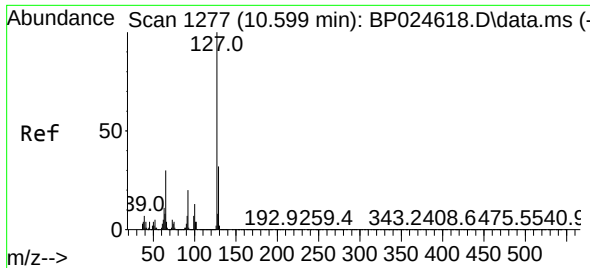
Tgt Ion:128 Resp: 788080
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 31.321 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:122 Resp: 107035
Ion Ratio Lower Upper
122 100
105 119.4 106.9 146.9
77 83.0 75.1 115.1

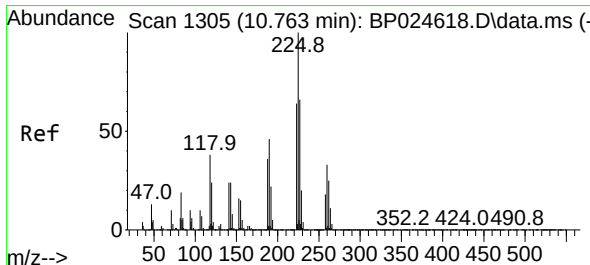
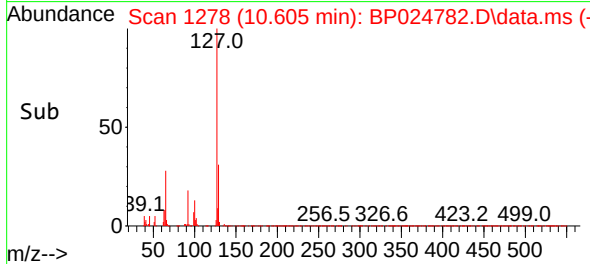
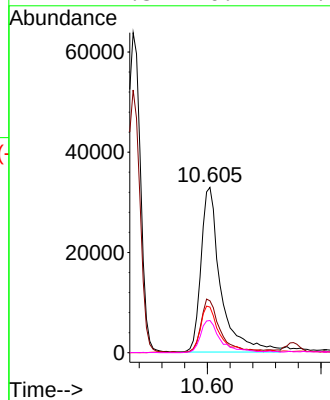
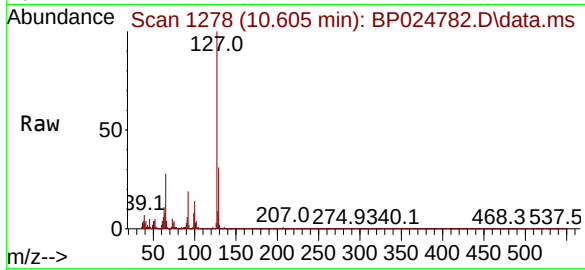




#33
4-Chloroaniline
Concen: 10.482 ng
RT: 10.605 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

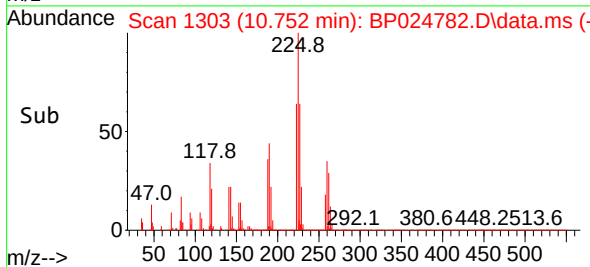
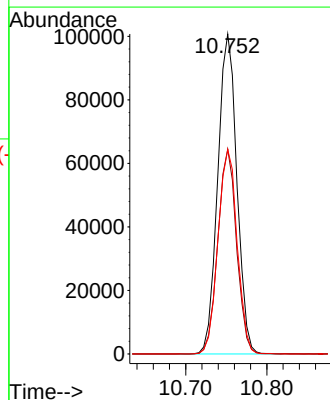
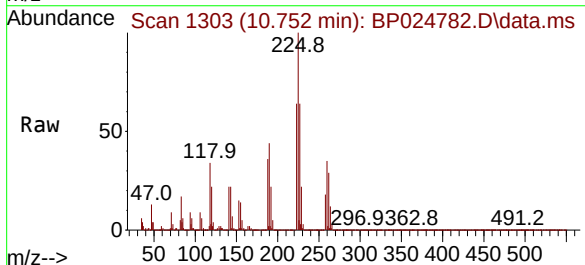
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

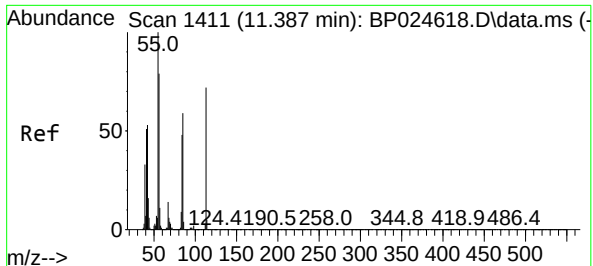
Tgt Ion:	127	Resp:	79285
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.8	38.6
65	27.6	23.9	35.9
92	19.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 42.841 ng
RT: 10.752 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:	225	Resp:	164958
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.6
227	63.9	53.1	79.7

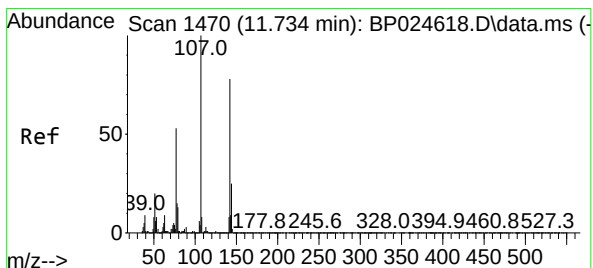
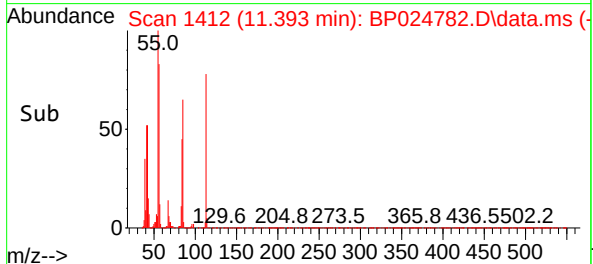
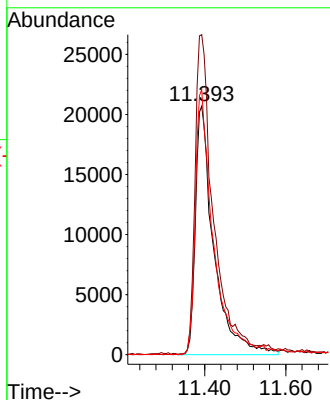
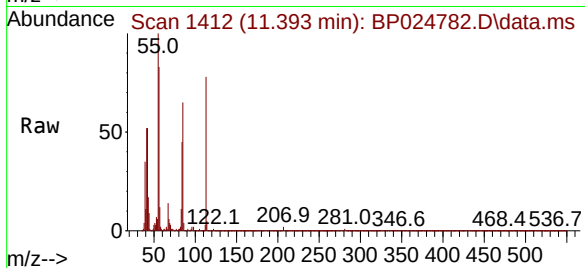




#35
Caprolactam
Concen: 34.062 ng
RT: 11.393 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

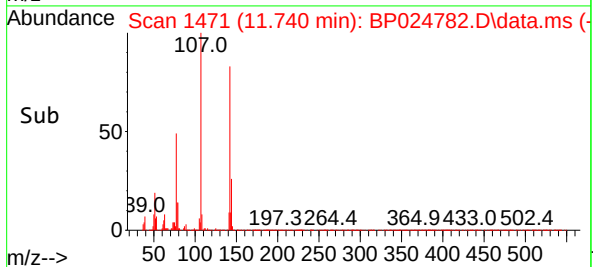
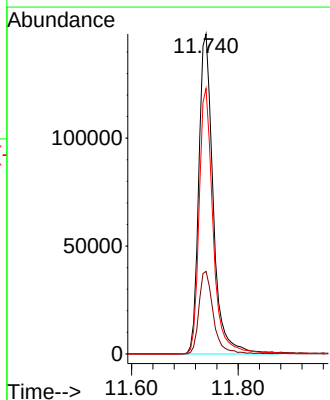
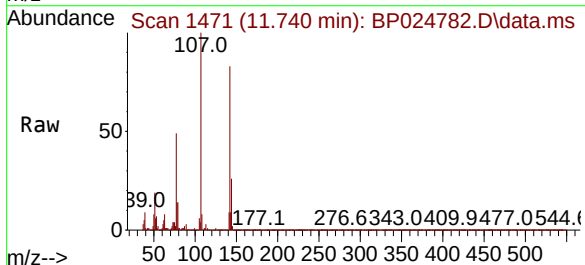
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

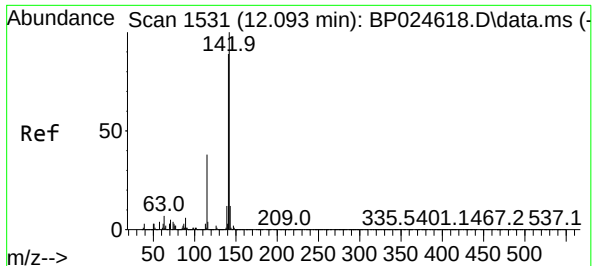
Tgt Ion:113 Resp: 65001
Ion Ratio Lower Upper
113 100
55 128.8 119.0 159.0
56 106.8 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 43.254 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:107 Resp: 278217
Ion Ratio Lower Upper
107 100
144 25.8 20.1 30.1
142 83.0 62.1 93.1

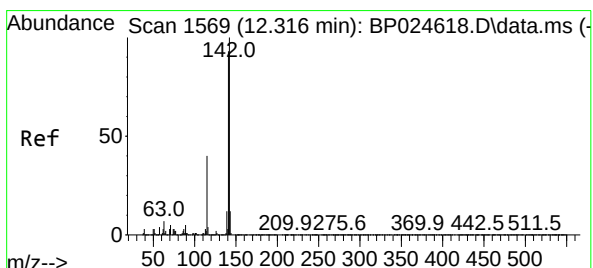
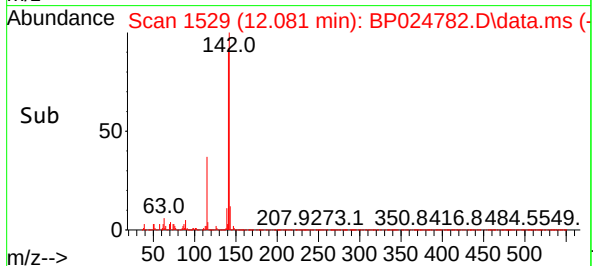
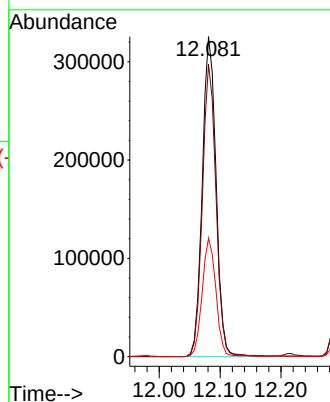
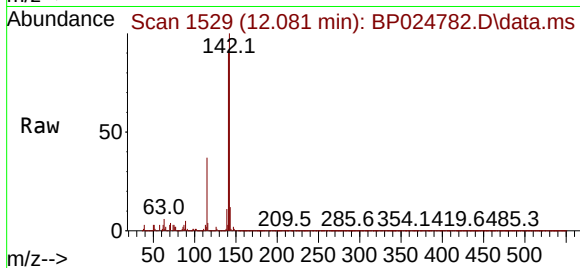




#37
2-Methylnaphthalene
Concen: 42.233 ng
RT: 12.081 min Scan# 1529
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

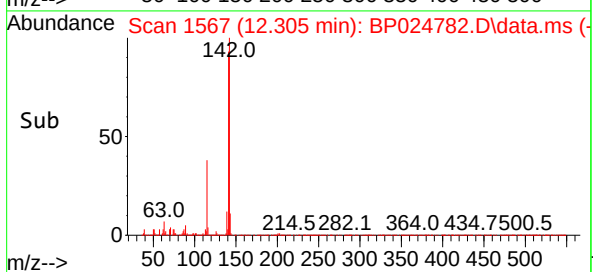
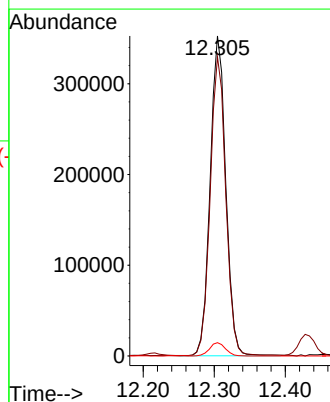
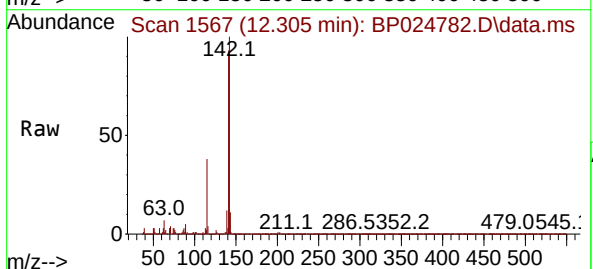
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

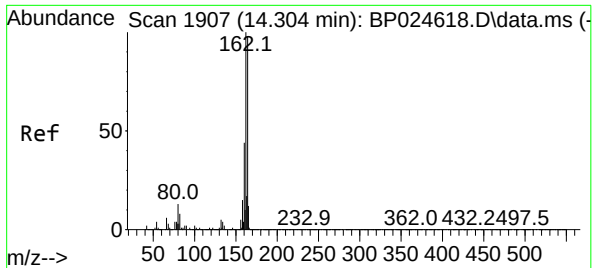
Tgt Ion:142 Resp: 512602
Ion Ratio Lower Upper
142 100
141 91.3 71.2 106.8
115 37.1 30.6 46.0



#38
1-Methylnaphthalene
Concen: 41.506 ng
RT: 12.305 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:142 Resp: 539033
Ion Ratio Lower Upper
142 100
141 93.4 74.7 112.1
116 4.1 3.4 5.2

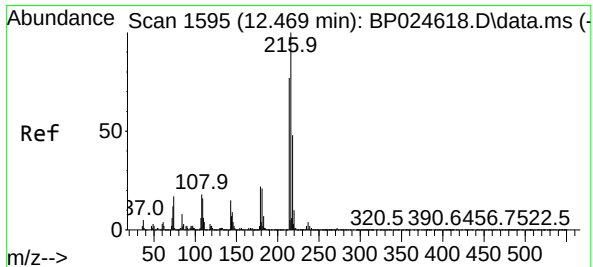
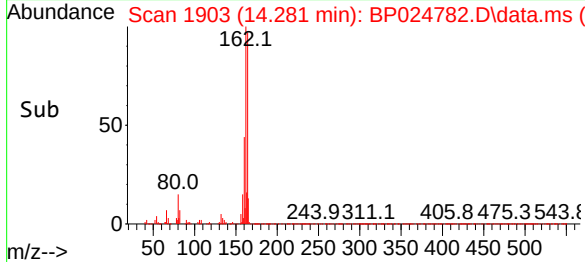
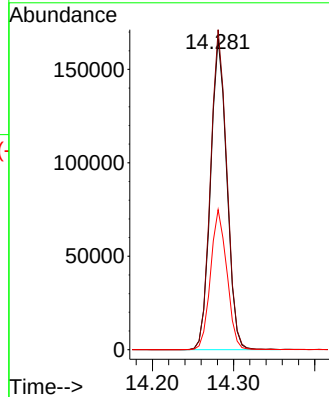
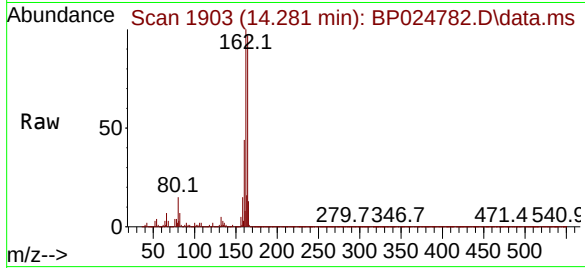




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1903
Delta R.T. -0.023 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

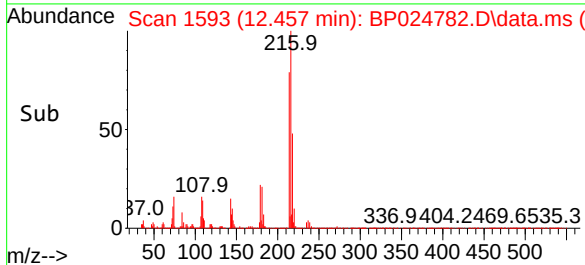
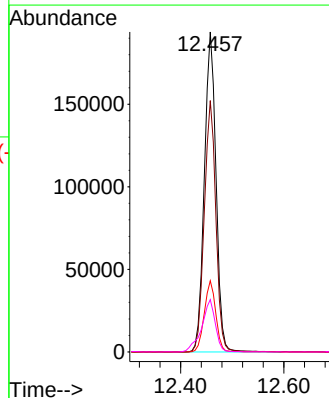
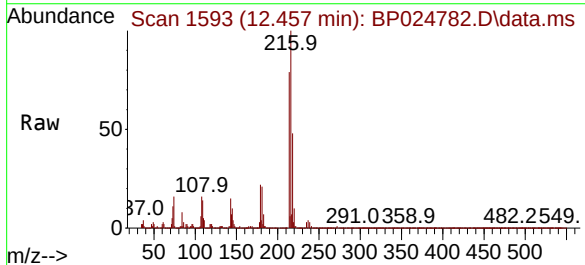
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

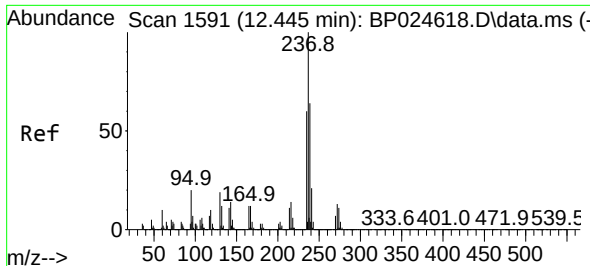
Tgt Ion:164 Resp: 230777
Ion Ratio Lower Upper
164 100
162 102.8 81.8 122.6
160 45.0 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.253 ng
RT: 12.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:216 Resp: 303266
Ion Ratio Lower Upper
216 100
214 78.5 62.3 93.5
179 21.9 17.7 26.5
108 19.2 16.0 24.0

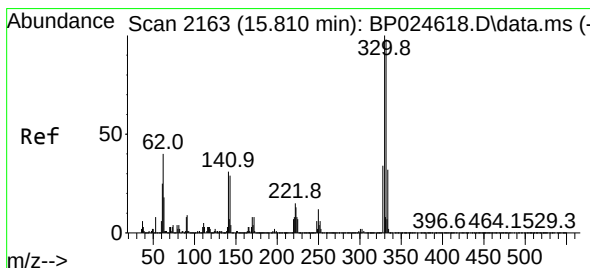
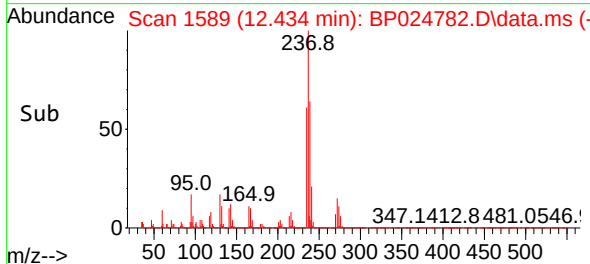
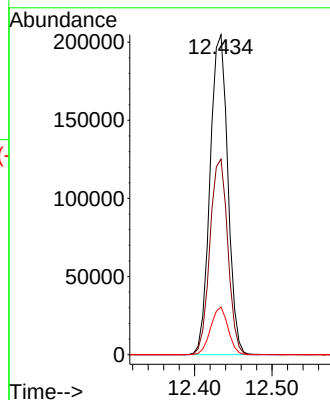
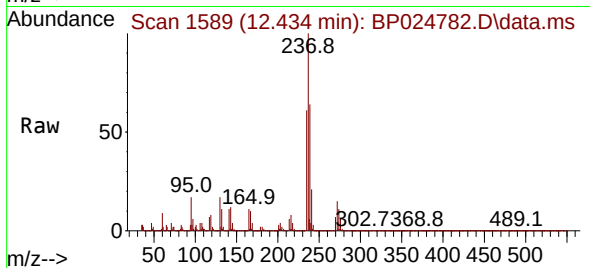




#41
Hexachlorocyclopentadiene
Concen: 80.186 ng
RT: 12.434 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

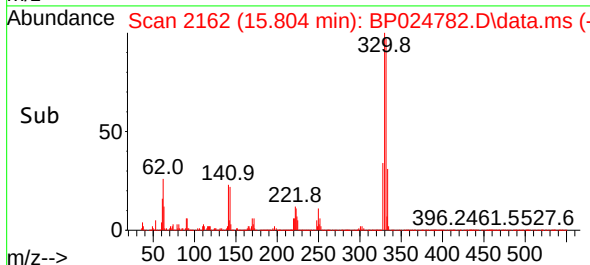
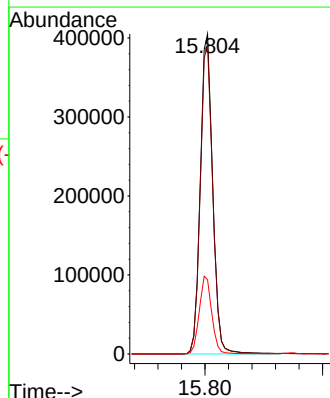
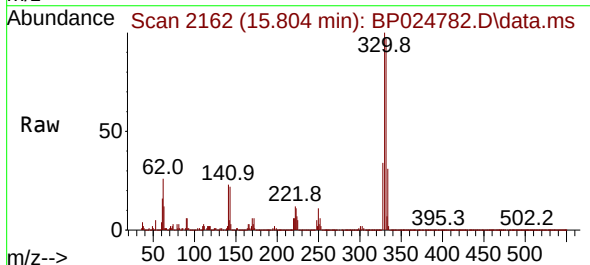
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

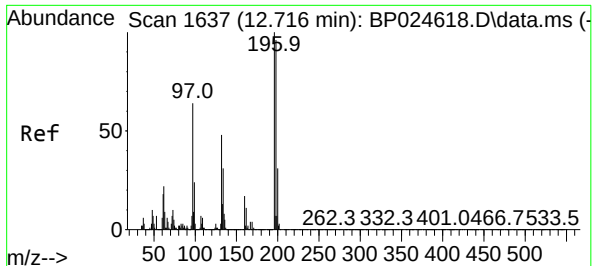
Tgt Ion:237 Resp: 325841
Ion Ratio Lower Upper
237 100
235 61.1 39.9 79.9
272 14.9 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 151.225 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:330 Resp: 591642
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.4
141 24.6 24.3 36.5

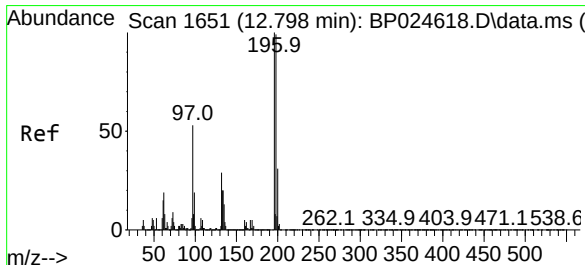
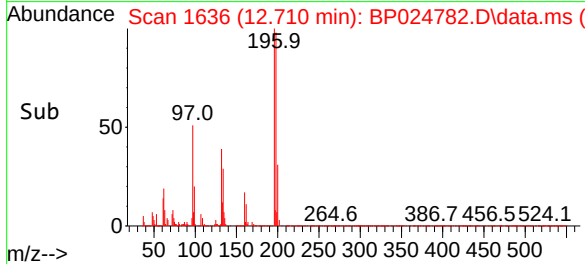
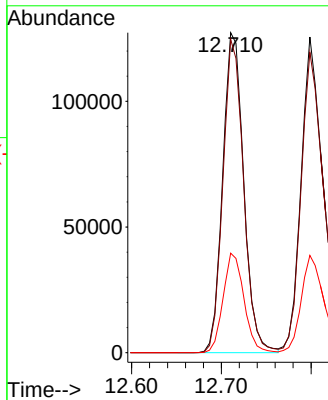
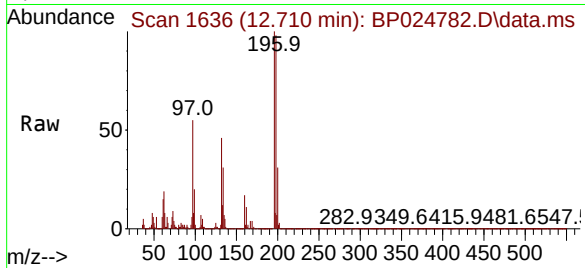




#43
2,4,6-Trichlorophenol
Concen: 47.741 ng
RT: 12.710 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

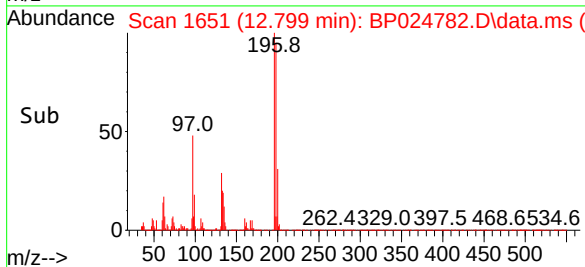
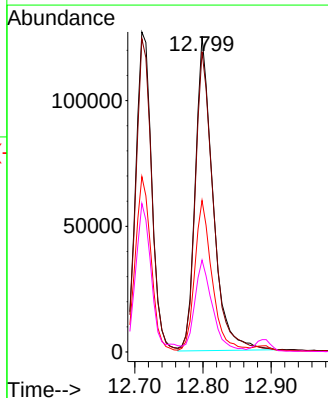
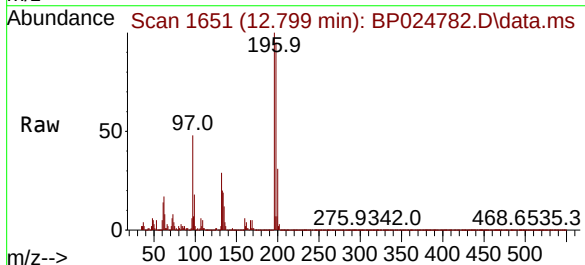
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

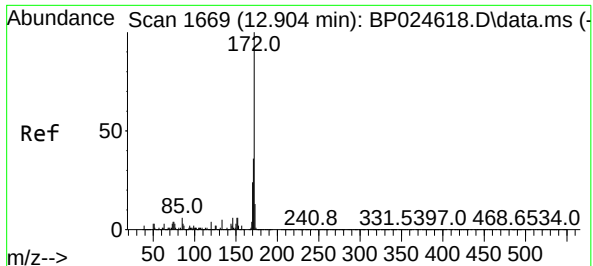
Tgt Ion:196 Resp: 207228
Ion Ratio Lower Upper
196 100
198 97.9 76.9 115.3
200 31.1 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 46.720 ng
RT: 12.799 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:196 Resp: 225735
Ion Ratio Lower Upper
196 100
198 95.2 79.2 118.8
97 48.0 42.3 63.5
132 29.1 23.3 34.9

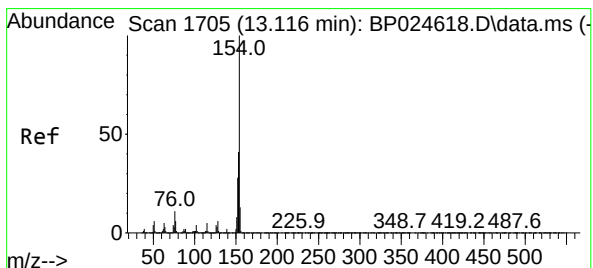
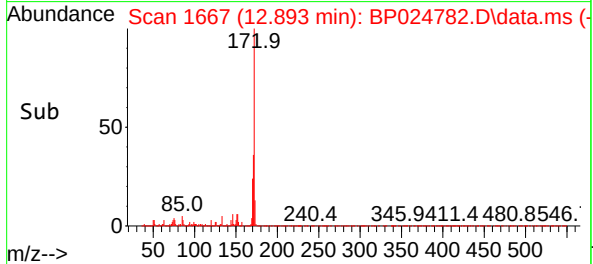
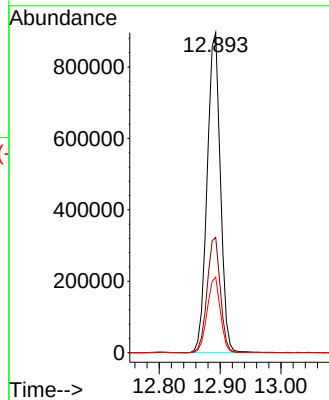
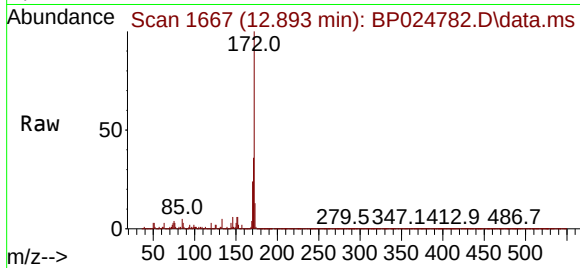




#45
2-Fluorobiphenyl
Concen: 76.971 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

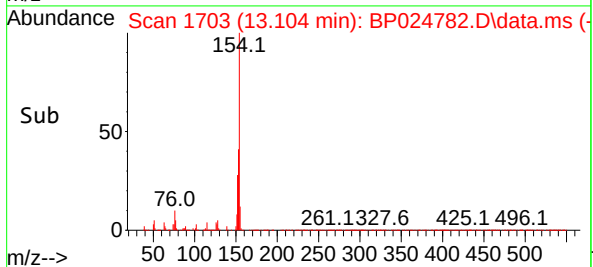
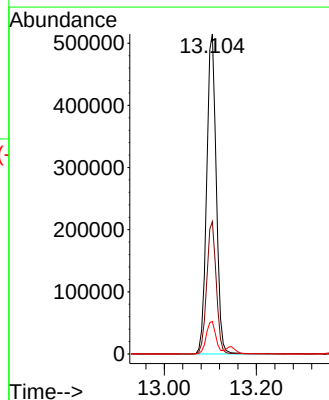
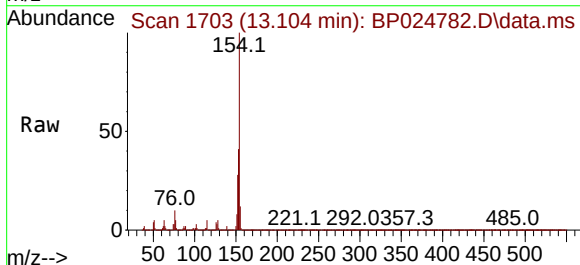
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

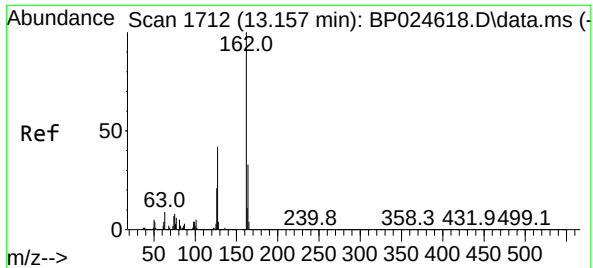
Tgt Ion:172 Resp: 1355832
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.6 18.8 28.2



#46
1,1'-Biphenyl
Concen: 43.921 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:154 Resp: 749163
Ion Ratio Lower Upper
154 100
153 41.4 21.0 61.0
76 10.1 0.0 31.5





#47

2-Chloronaphthalene

Concen: 44.274 ng

RT: 13.146 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP024782.D

Acq: 23 May 2025 07:17

Instrument :

BNA_P

ClientSampleId :

OR-640-COMP-66MSD

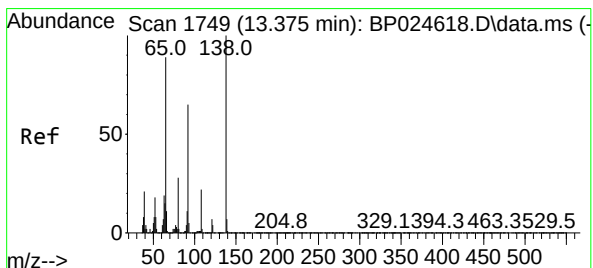
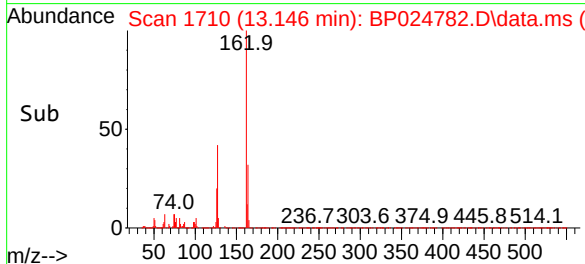
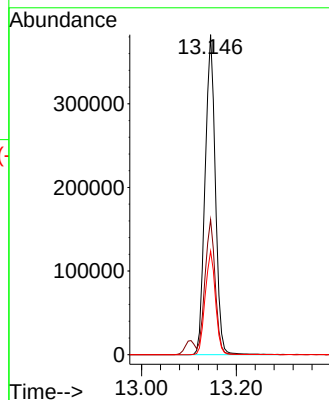
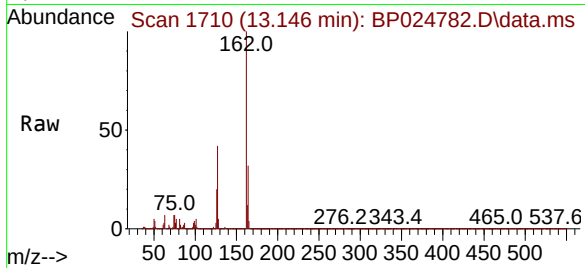
Tgt Ion:162 Resp: 575810

Ion Ratio Lower Upper

162 100

127 42.2 33.8 50.6

164 32.4 26.0 39.0



#48

2-Nitroaniline

Concen: 41.857 ng

RT: 13.369 min Scan# 1748

Delta R.T. -0.006 min

Lab File: BP024782.D

Acq: 23 May 2025 07:17

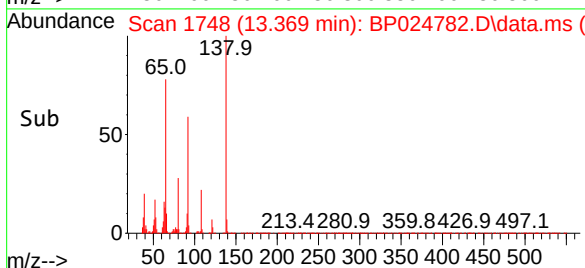
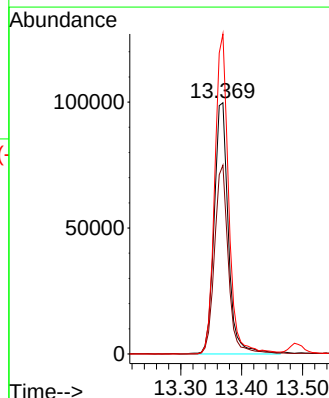
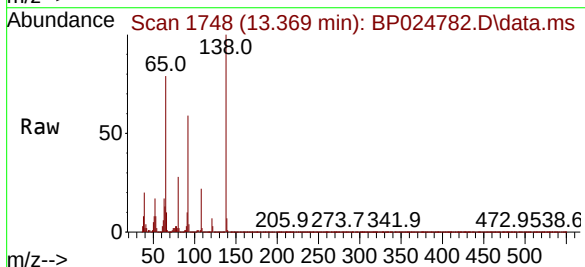
Tgt Ion: 65 Resp: 161165

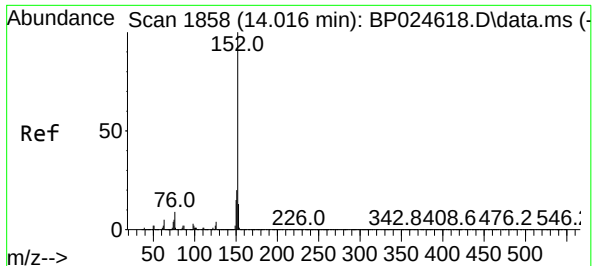
Ion Ratio Lower Upper

65 100

92 75.2 58.7 88.1

138 127.4 90.2 135.2

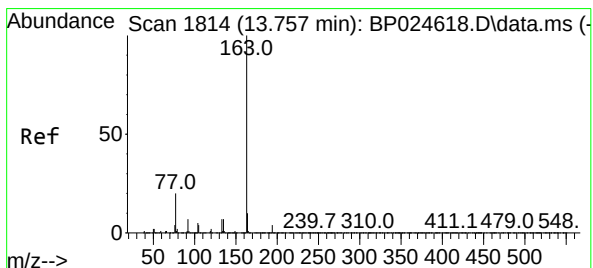
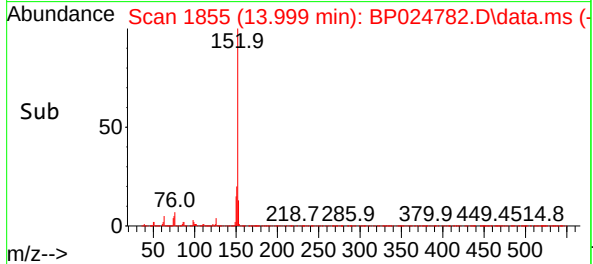
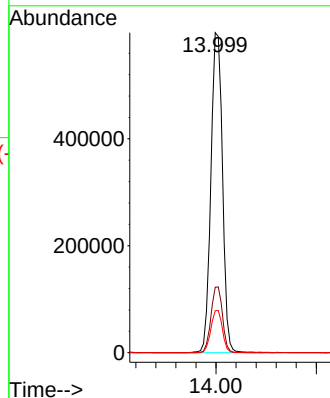
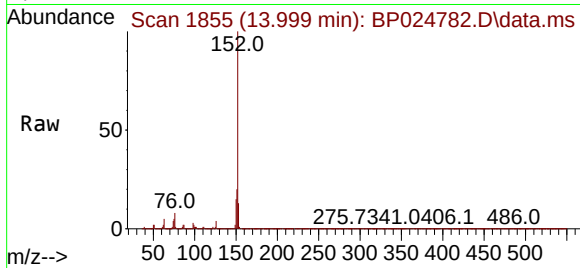




#49
Acenaphthylene
Concen: 44.079 ng
RT: 13.999 min Scan# 1855
Delta R.T. -0.017 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

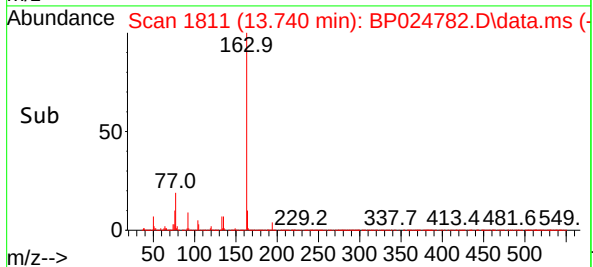
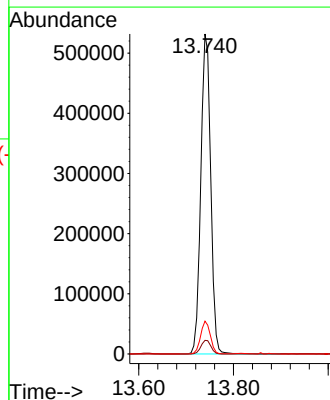
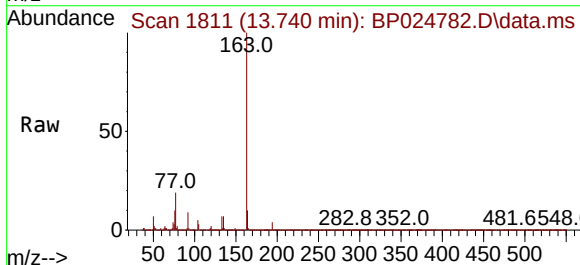
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

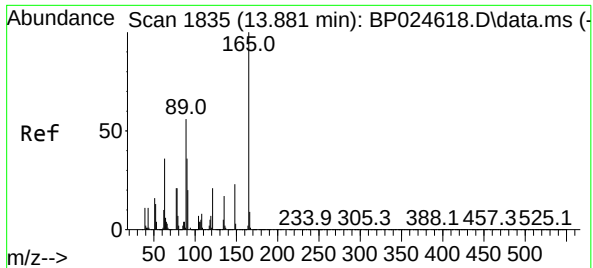
Tgt Ion:152 Resp: 959360
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.1 10.2 15.4



#50
Dimethylphthalate
Concen: 43.814 ng
RT: 13.740 min Scan# 1811
Delta R.T. -0.017 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:163 Resp: 770691
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.3 8.1 12.1

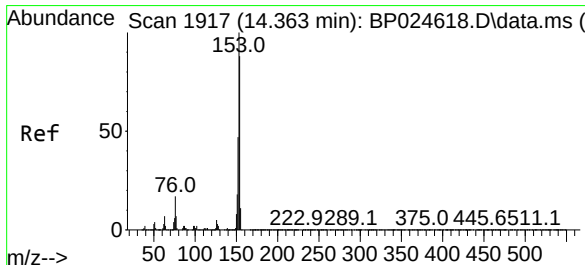
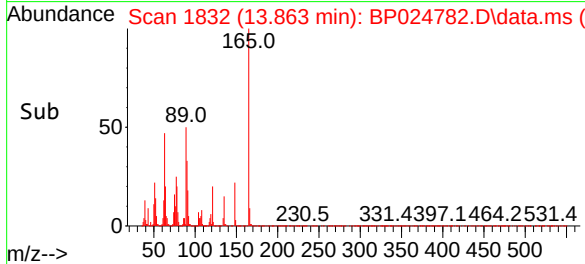
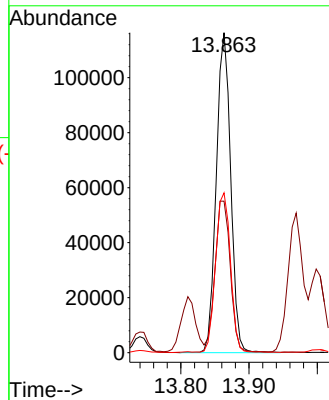
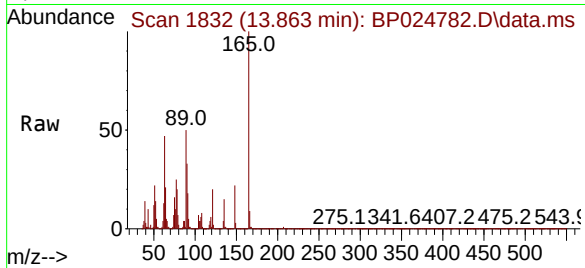




#51
2,6-Dinitrotoluene
Concen: 46.017 ng
RT: 13.863 min Scan# 1832
Delta R.T. -0.017 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

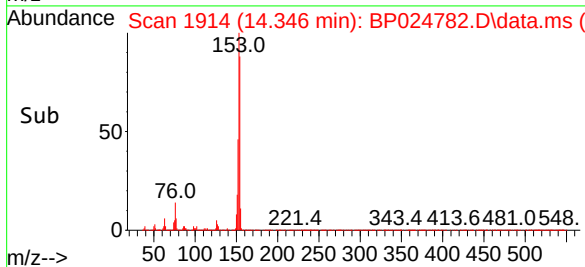
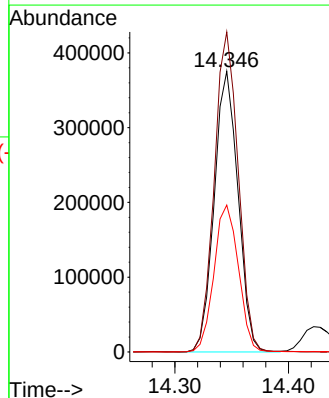
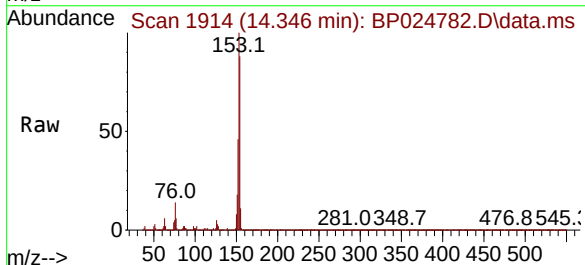
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

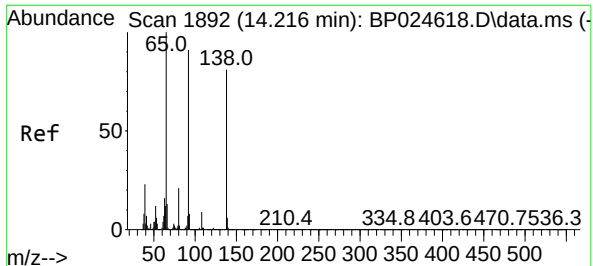
Tgt Ion:165 Resp: 170947
Ion Ratio Lower Upper
165 100
63 47.4 42.4 63.6
89 49.9 44.8 67.2



#52
Acenaphthene
Concen: 43.664 ng
RT: 14.346 min Scan# 1914
Delta R.T. -0.017 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:154 Resp: 546321
Ion Ratio Lower Upper
154 100
153 114.0 91.0 136.4
152 52.4 42.9 64.3

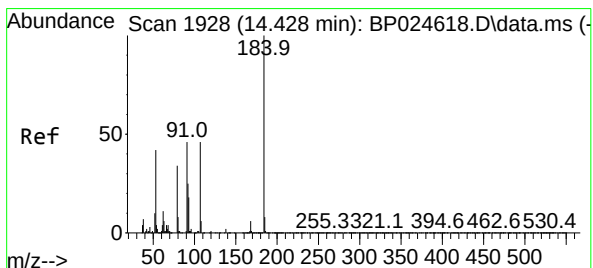
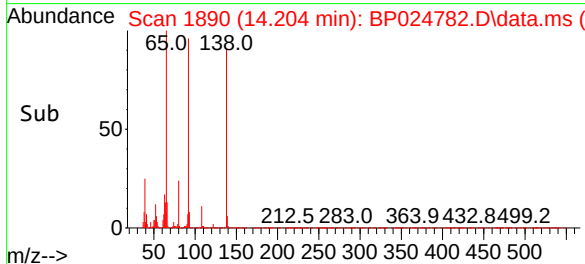
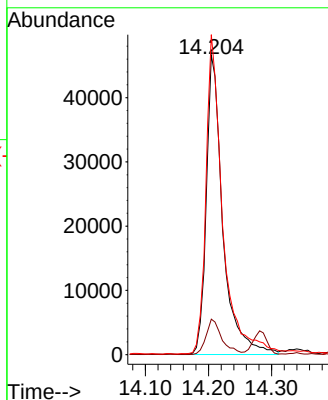
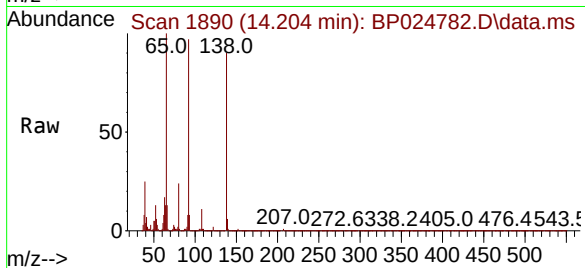




#53
3-Nitroaniline
Concen: 22.379 ng
RT: 14.204 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

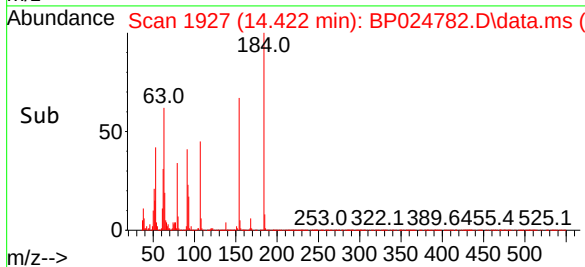
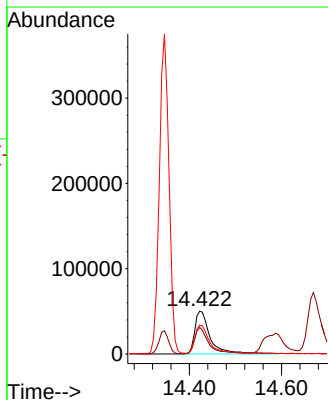
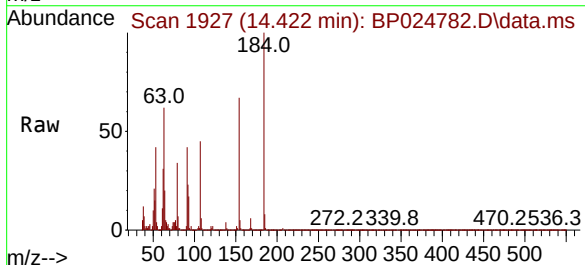
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

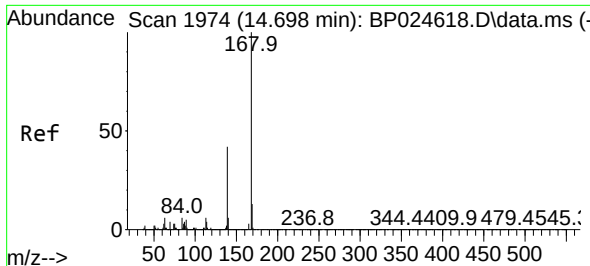
Tgt Ion:138 Resp: 84888
Ion Ratio Lower Upper
138 100
108 11.8 9.0 13.4
92 106.8 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 52.417 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:184 Resp: 117170
Ion Ratio Lower Upper
184 100
63 62.1 51.3 76.9
154 67.5 53.5 80.3

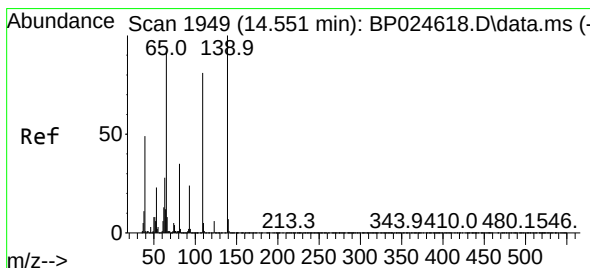
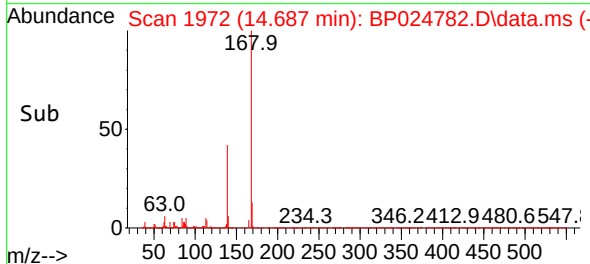
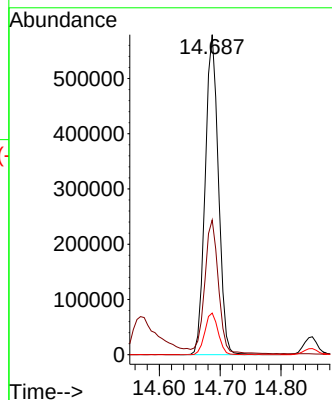
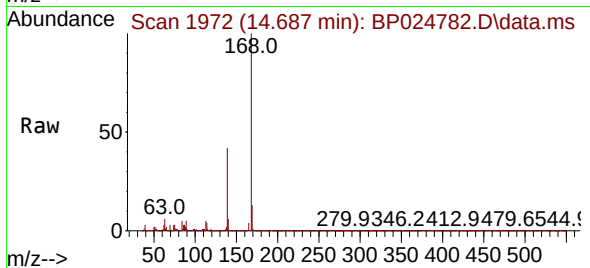




#55
Dibenzofuran
Concen: 43.738 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

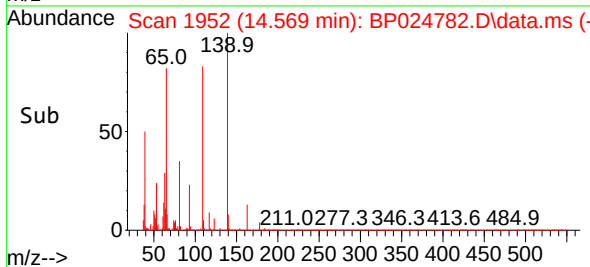
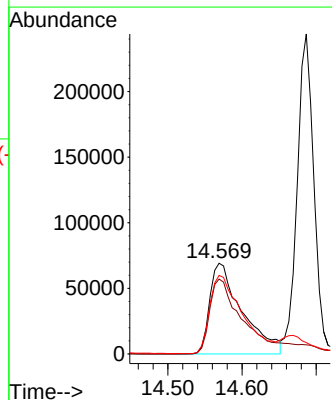
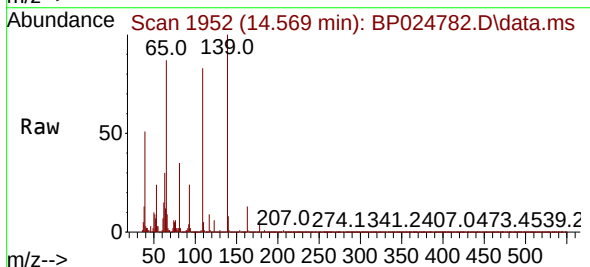
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

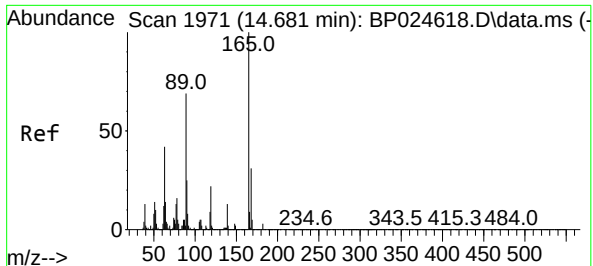
Tgt Ion:168 Resp: 872905
Ion Ratio Lower Upper
168 100
139 42.1 34.2 51.4
169 13.0 10.8 16.2



#56
4-Nitrophenol
Concen: 64.595 ng
RT: 14.569 min Scan# 1952
Delta R.T. 0.018 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:139 Resp: 209299
Ion Ratio Lower Upper
139 100
109 82.6 61.4 101.4
65 86.7 72.2 112.2

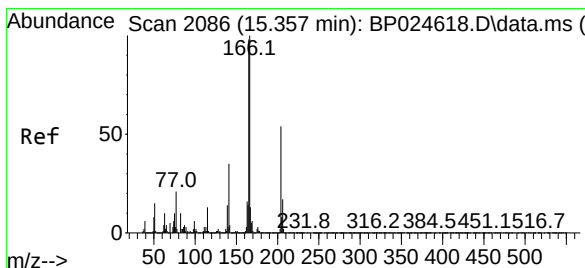
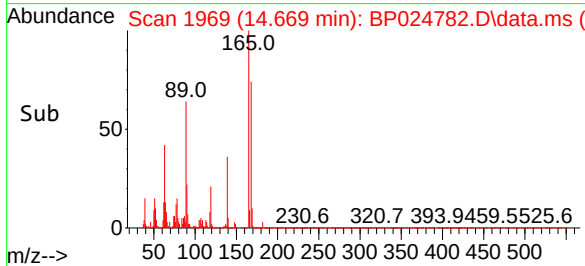
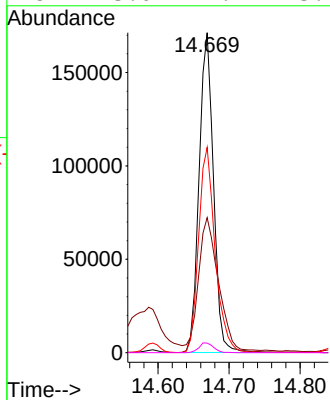
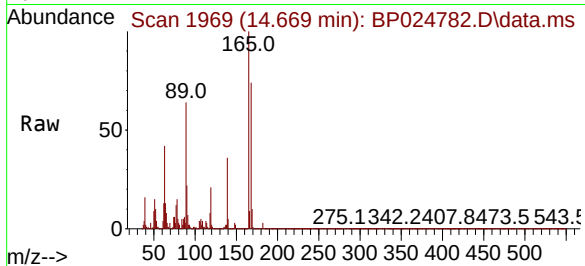




#57
2,4-Dinitrotoluene
Concen: 46.152 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

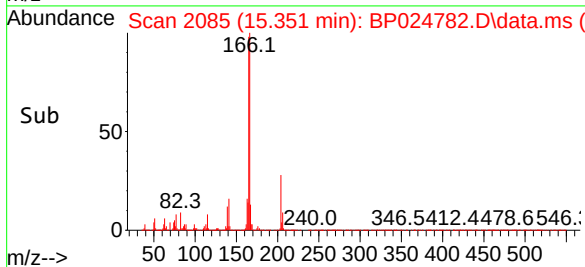
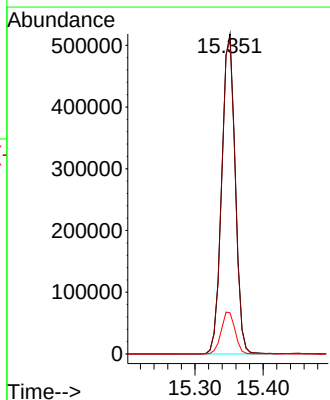
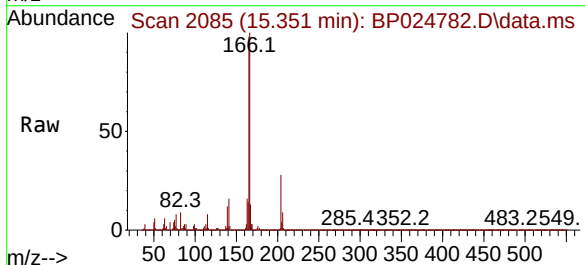
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

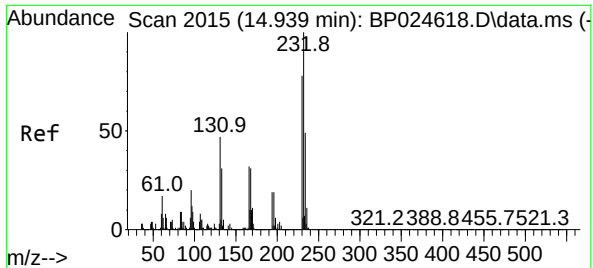
Tgt Ion:165 Resp: 241715
Ion Ratio Lower Upper
165 100
63 42.2 33.8 50.6
89 64.1 55.6 83.4
182 3.0 2.4 3.6



#58
Fluorene
Concen: 43.964 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:166 Resp: 715425
Ion Ratio Lower Upper
166 100
165 98.1 78.5 117.7
167 12.9 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.524 ng

RT: 14.934 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BP024782.D

Acq: 23 May 2025 07:17

Instrument :

BNA_P

ClientSampleId :

OR-640-COMP-66MSD

Tgt Ion:232 Resp: 217489

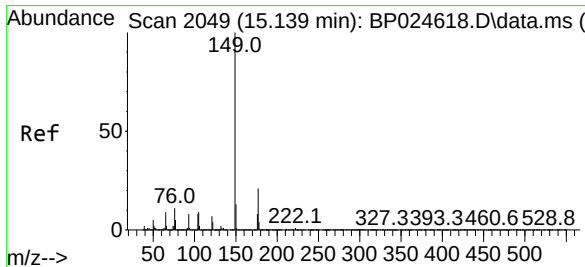
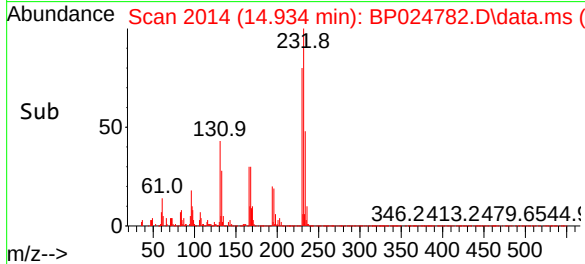
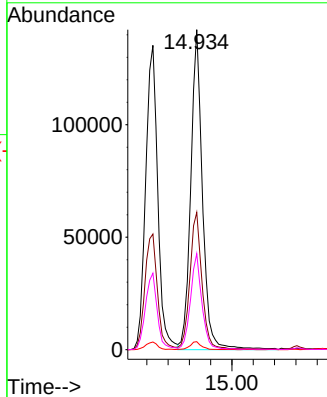
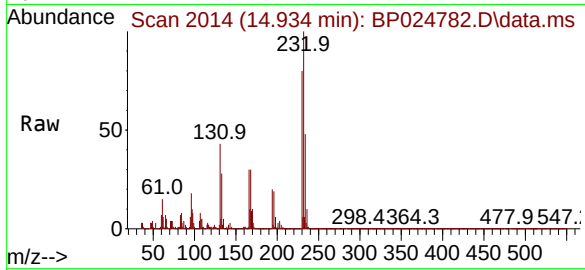
Ion Ratio Lower Upper

232 100

131 44.3 39.5 59.3

130 2.4 2.2 3.4

166 28.8 25.7 38.5



#60

Diethylphthalate

Concen: 42.325 ng

RT: 15.122 min Scan# 2046

Delta R.T. -0.017 min

Lab File: BP024782.D

Acq: 23 May 2025 07:17

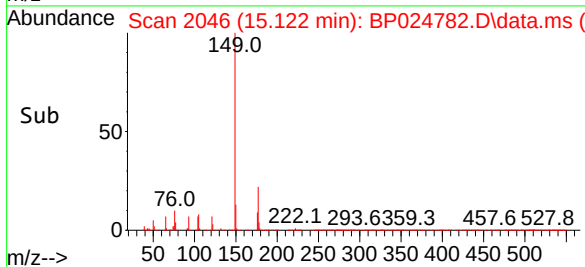
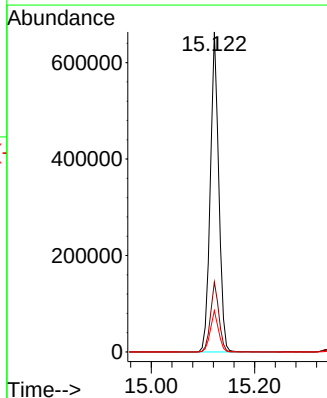
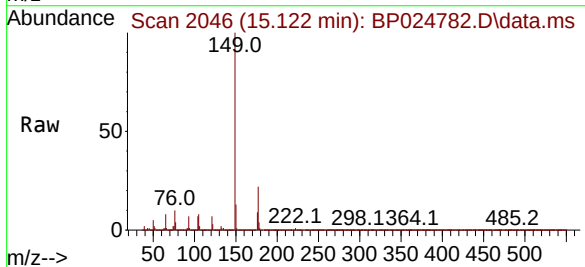
Tgt Ion:149 Resp: 752465

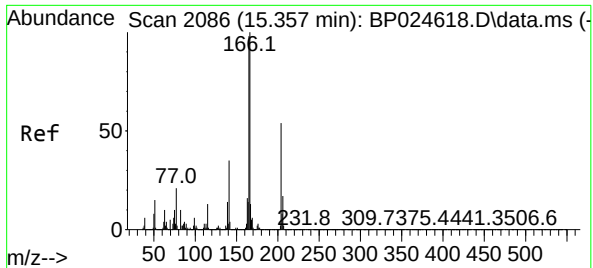
Ion Ratio Lower Upper

149 100

177 21.8 16.7 25.1

150 12.9 10.2 15.2

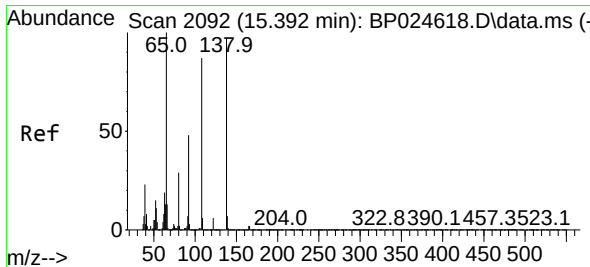
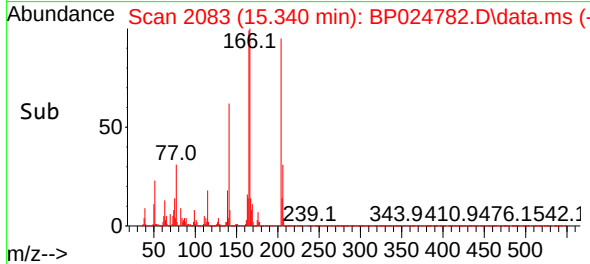
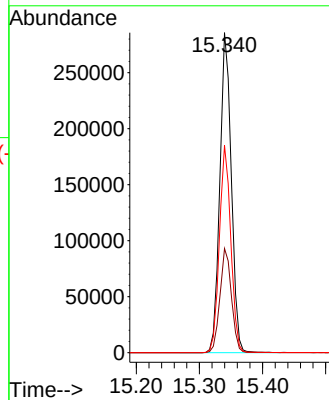
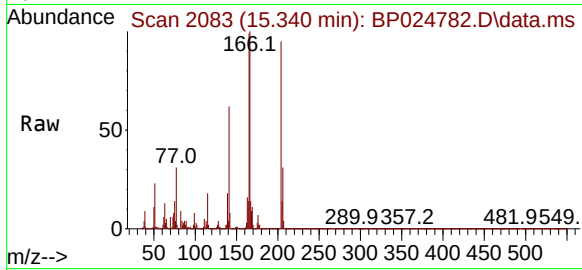




#61
4-Chlorophenyl-phenylether
Concen: 44.401 ng
RT: 15.340 min Scan# 2086
Delta R.T. -0.017 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

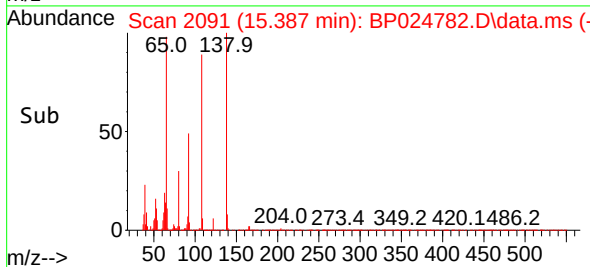
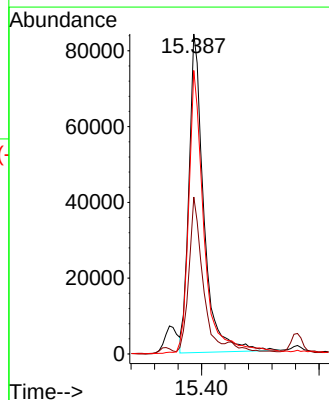
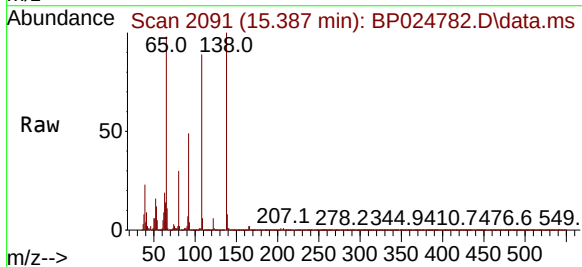
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

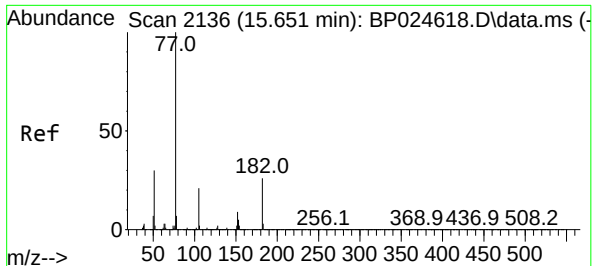
Tgt Ion:204 Resp: 360337
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 64.8 52.9 79.3



#62
4-Nitroaniline
Concen: 40.160 ng
RT: 15.387 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:138 Resp: 147088
Ion Ratio Lower Upper
138 100
92 49.1 29.2 69.2
108 88.6 69.0 109.0

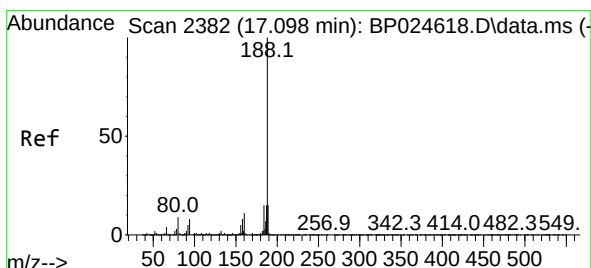
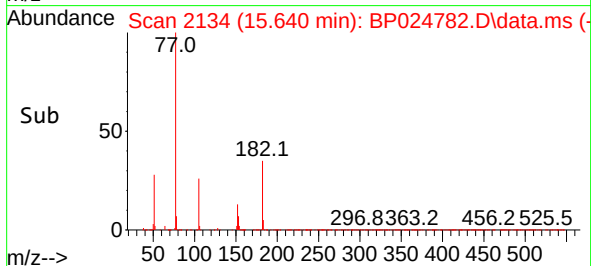
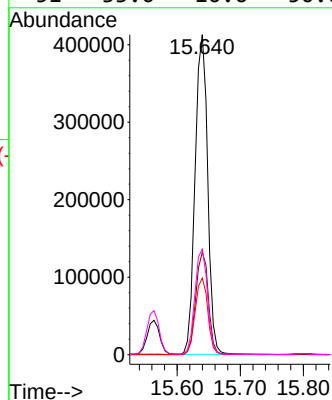
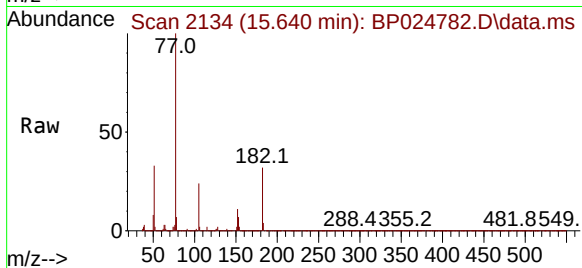




#63
Azobenzene
Concen: 37.470 ng
RT: 15.640 min Scan# 2136
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

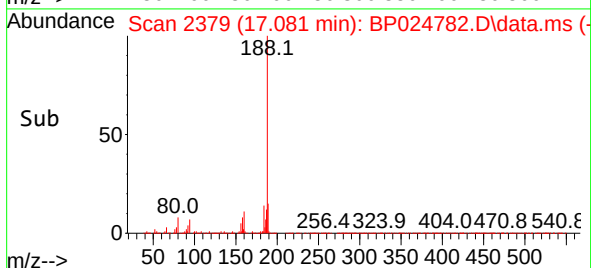
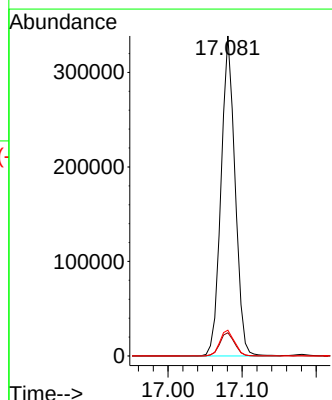
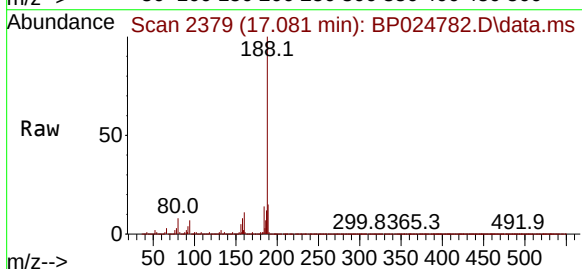
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

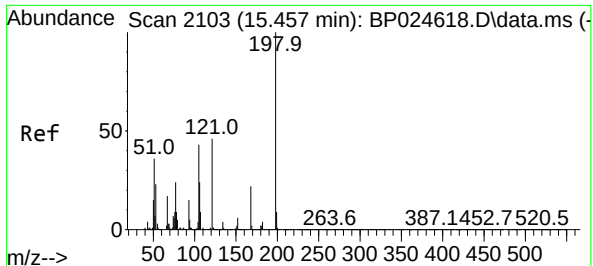
Tgt Ion: 77 Resp: 569872
Ion Ratio Lower Upper
77 100
182 32.0 5.7 45.7
105 24.0 1.3 41.3
51 33.0 10.6 50.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.017 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion: 188 Resp: 445856
Ion Ratio Lower Upper
188 100
94 7.2 6.5 9.7
80 8.1 7.3 10.9

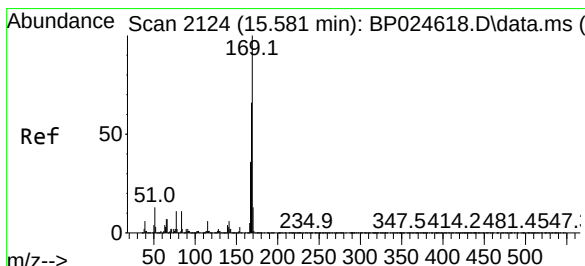
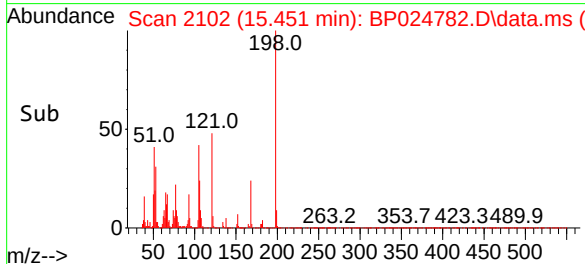
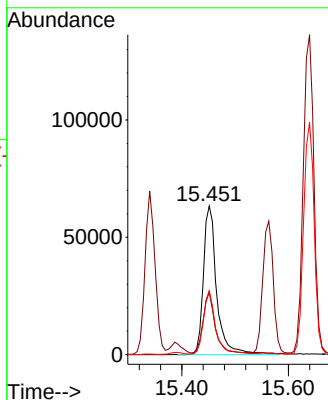
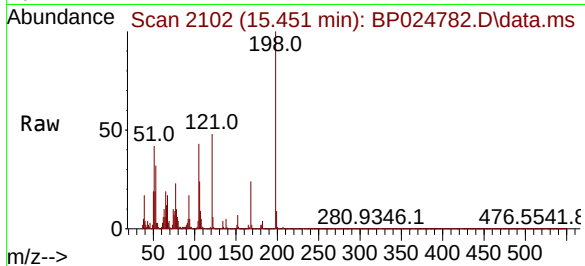




#65
4,6-Dinitro-2-methylphenol
Concen: 38.109 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

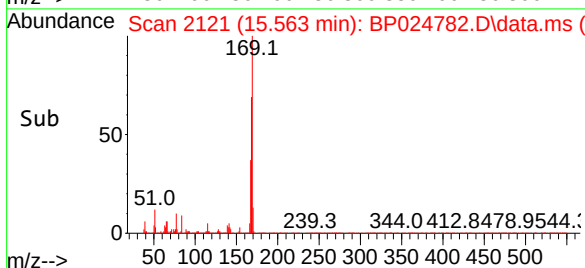
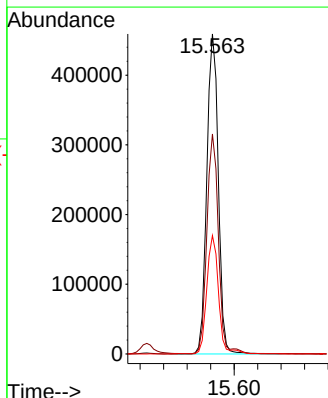
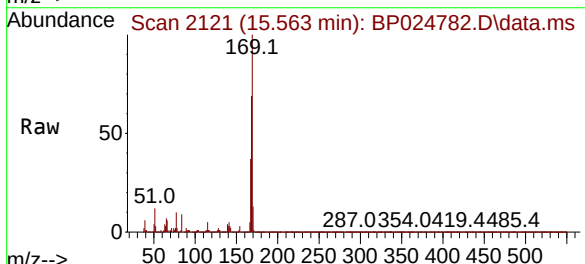
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

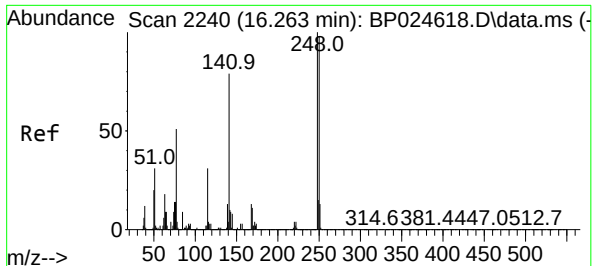
Tgt Ion:198 Resp: 109753
Ion Ratio Lower Upper
198 100
51 41.9 21.1 61.1
105 43.0 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 45.374 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.017 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:169 Resp: 621394
Ion Ratio Lower Upper
169 100
168 68.8 53.2 79.8
167 37.0 28.6 43.0

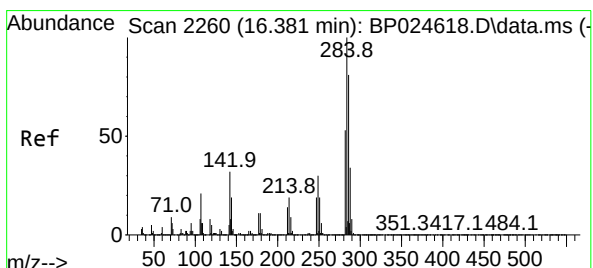
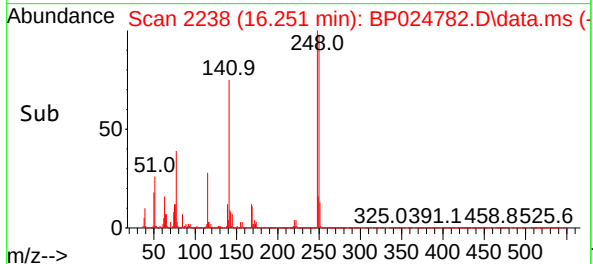
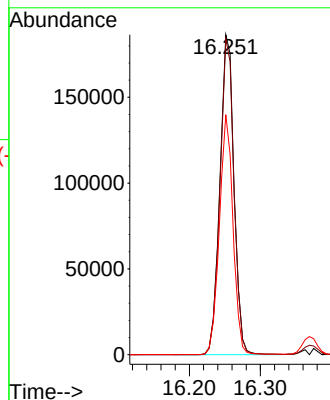
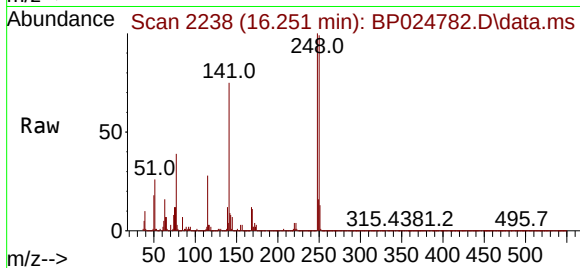




#67
4-Bromophenyl-phenylether
Concen: 48.674 ng
RT: 16.251 min Scan# 211
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

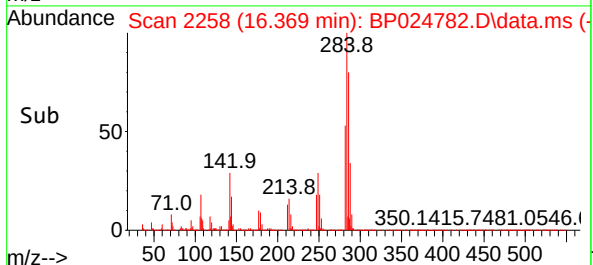
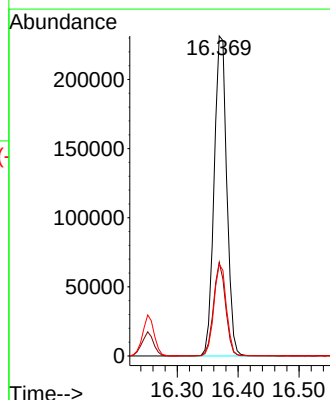
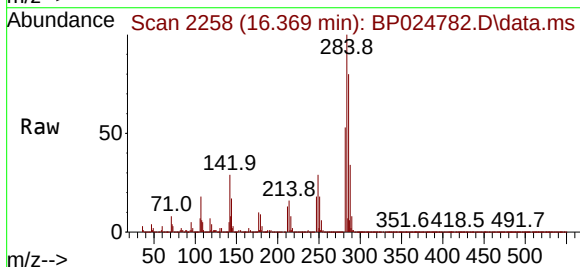
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

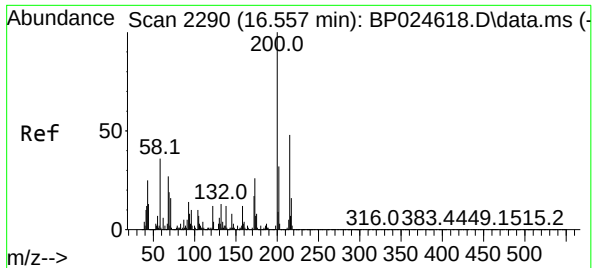
Tgt Ion:248 Resp: 255717
Ion Ratio Lower Upper
248 100
250 98.6 78.2 117.4
141 75.0 63.0 94.6



#68
Hexachlorobenzene
Concen: 49.991 ng
RT: 16.369 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:284 Resp: 333729
Ion Ratio Lower Upper
284 100
142 29.3 25.9 38.9
249 28.6 24.1 36.1





#69

Atrazine

Concen: 47.773 ng

RT: 16.545 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024782.D

Acq: 23 May 2025 07:17

Instrument :

BNA_P

ClientSampleId :

OR-640-COMP-66MSD

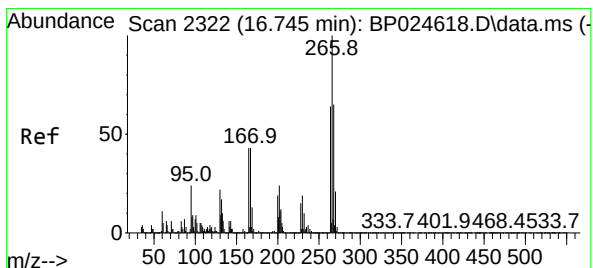
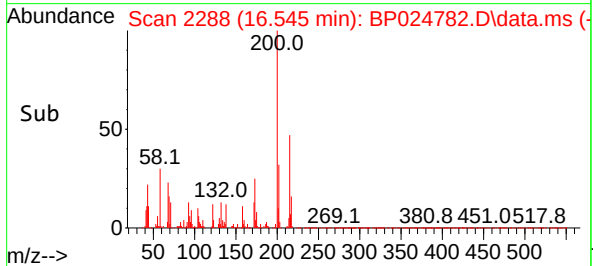
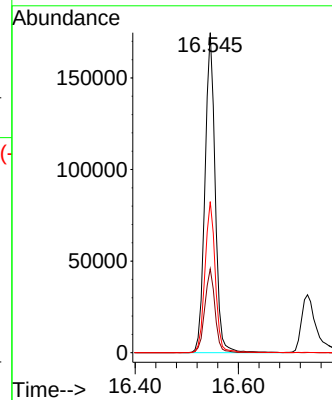
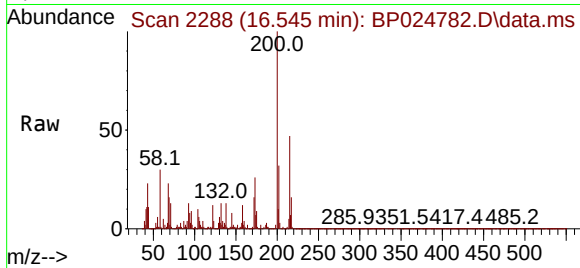
Tgt Ion:200 Resp: 239766

Ion Ratio Lower Upper

200 100

173 26.2 5.9 45.9

215 47.2 28.3 68.3



#70

Pentachlorophenol

Concen: 105.047 ng

RT: 16.734 min Scan# 2320

Delta R.T. -0.012 min

Lab File: BP024782.D

Acq: 23 May 2025 07:17

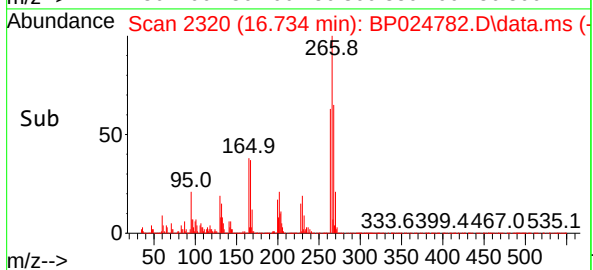
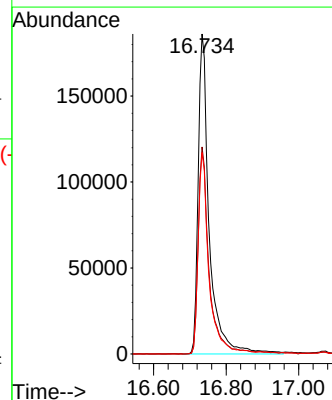
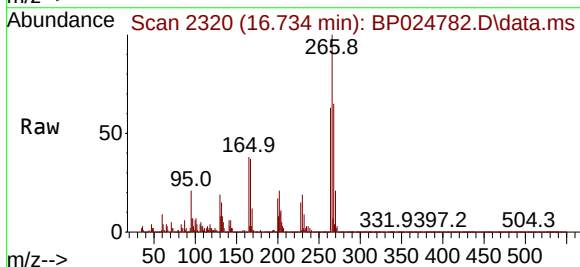
Tgt Ion:266 Resp: 393657

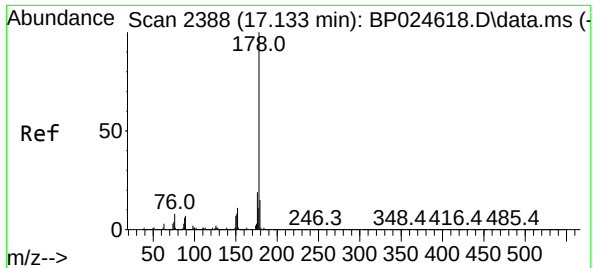
Ion Ratio Lower Upper

266 100

268 64.7 52.2 78.4

264 63.0 51.1 76.7

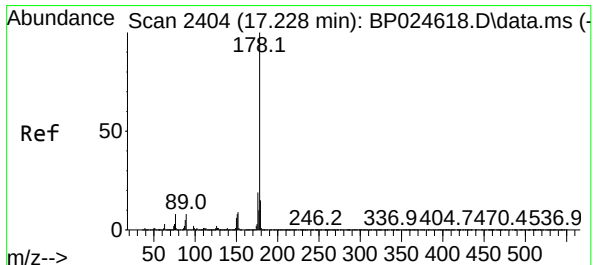
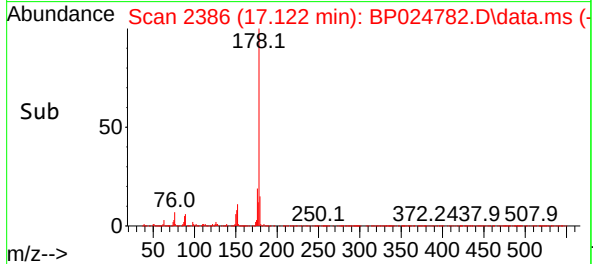
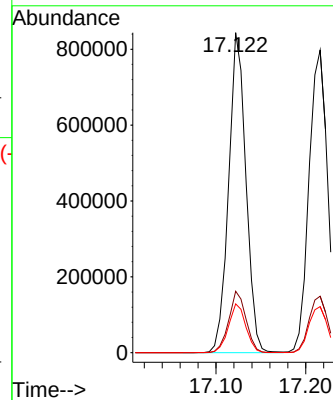
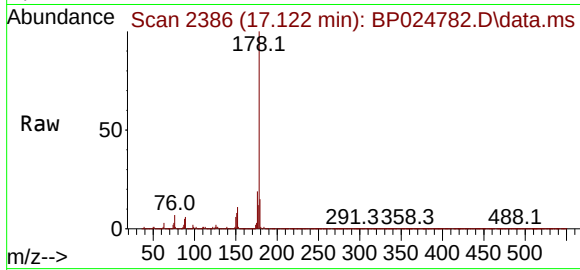




#71
Phenanthrene
Concen: 45.550 ng
RT: 17.122 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

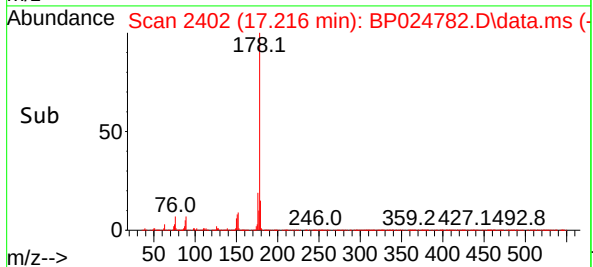
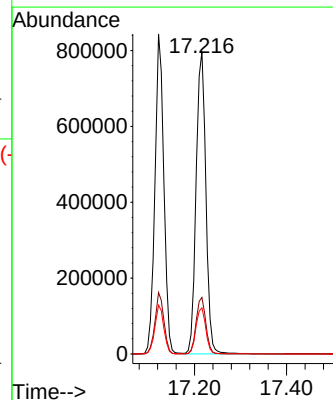
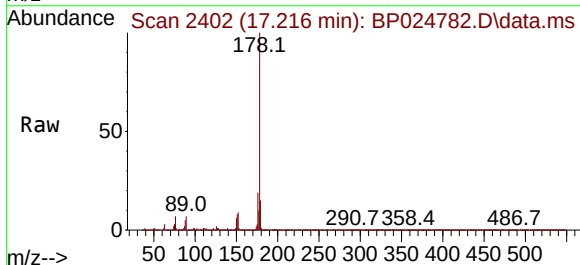
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

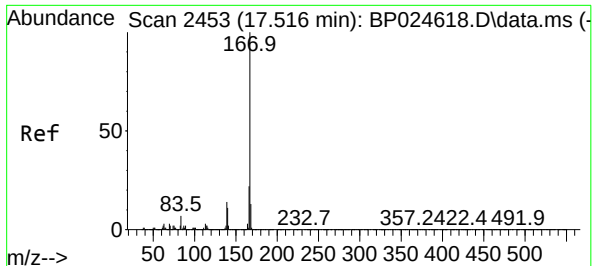
Tgt Ion:178 Resp: 1128997
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.2 12.2 18.4



#72
Anthracene
Concen: 46.773 ng
RT: 17.216 min Scan# 2402
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:178 Resp: 1166386
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.2 12.2 18.2

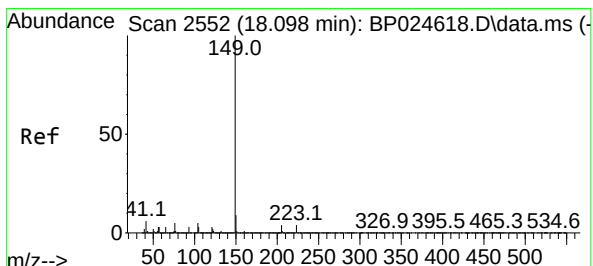
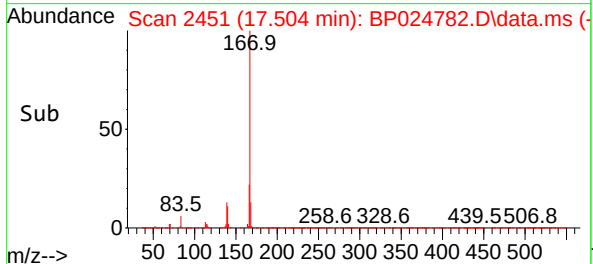
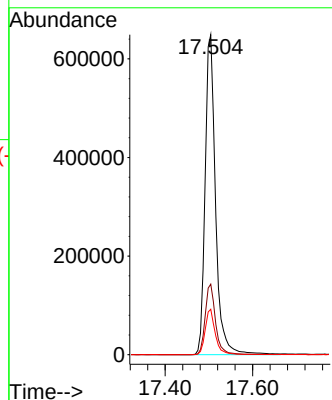
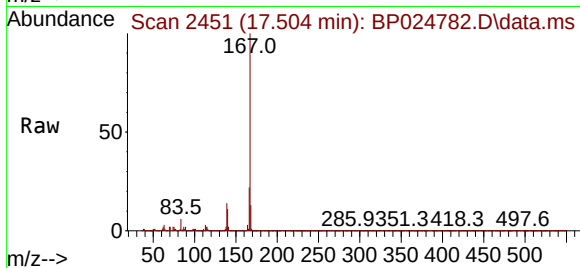




#73
Carbazole
Concen: 47.916 ng
RT: 17.504 min Scan# 2451
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

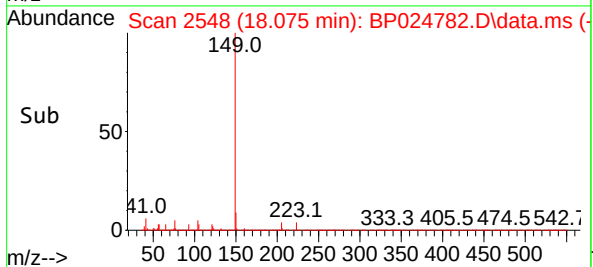
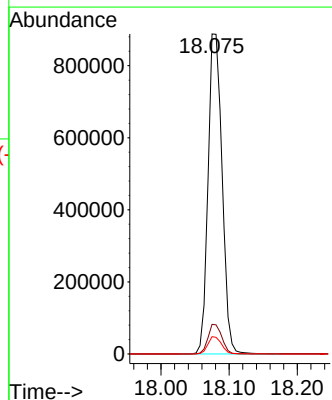
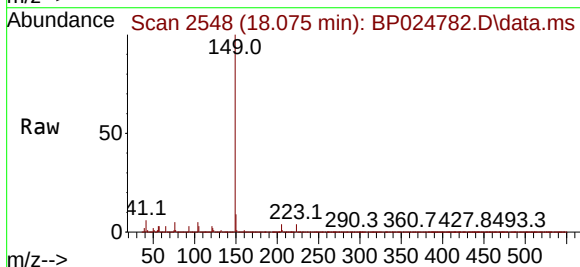
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

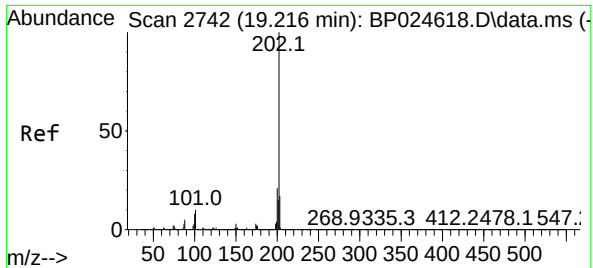
Tgt Ion:167 Resp: 1081489
Ion Ratio Lower Upper
167 100
166 22.1 17.7 26.5
139 14.2 11.3 16.9



#74
Di-n-butylphthalate
Concen: 43.852 ng
RT: 18.075 min Scan# 2548
Delta R.T. -0.023 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:149 Resp: 1272930
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 5.4 4.3 6.5

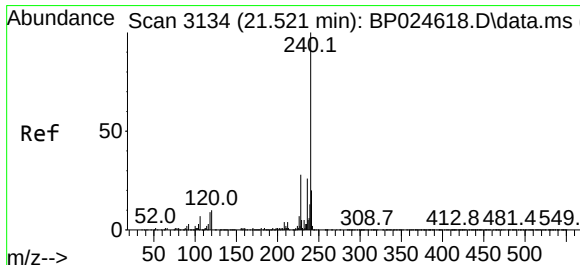
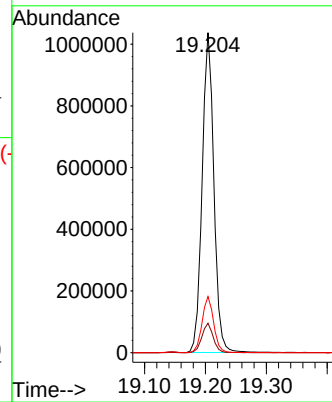
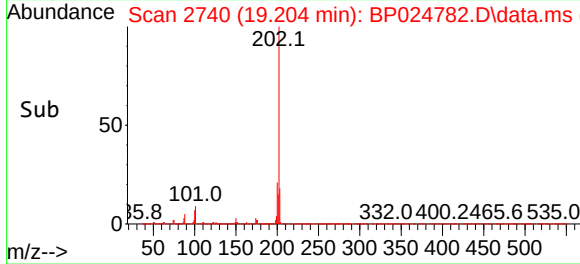
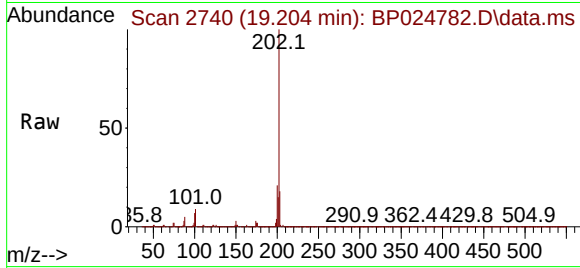




#75
Fluoranthene
Concen: 47.872 ng
RT: 19.204 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

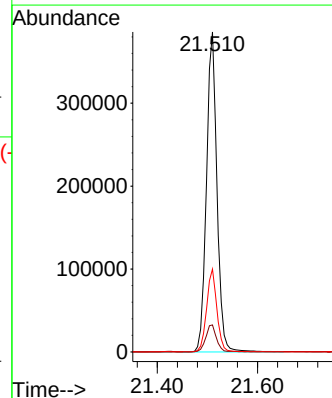
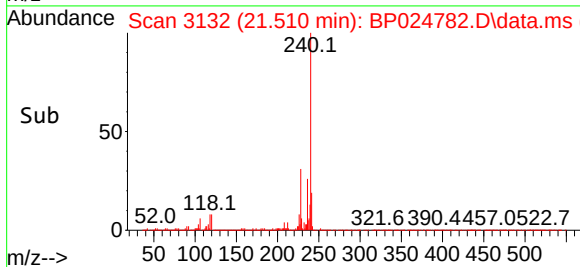
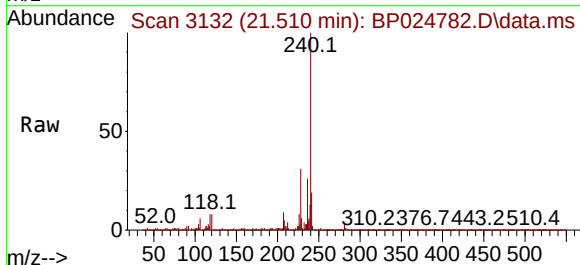
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

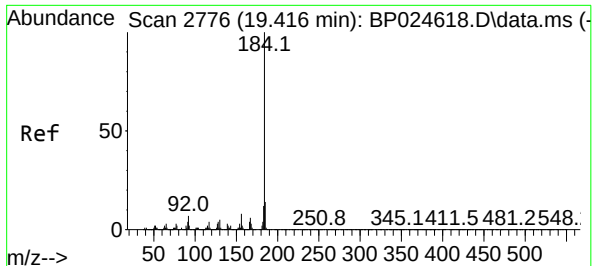
Tgt Ion:202 Resp: 1386988
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.3
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:240 Resp: 560847
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 25.9 20.6 31.0

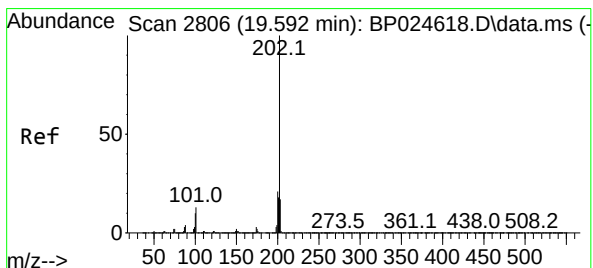
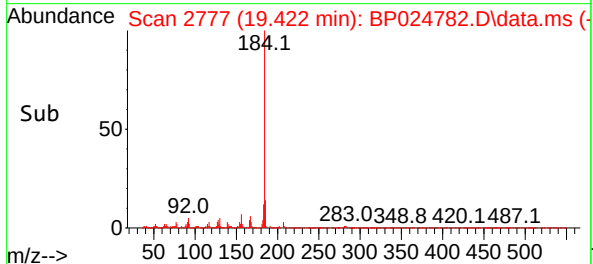
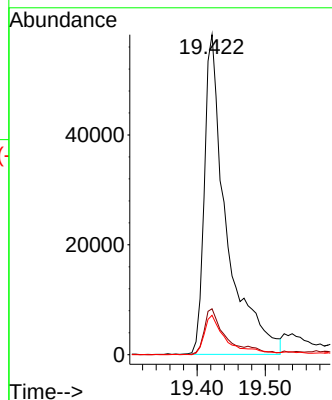
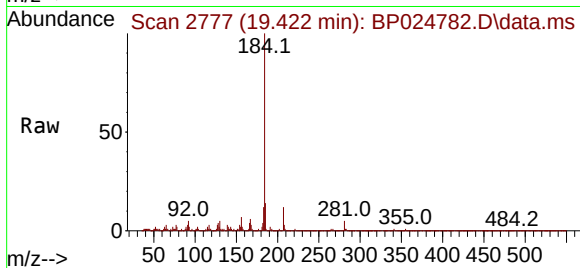




#77
Benzidine
Concen: 8.580 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

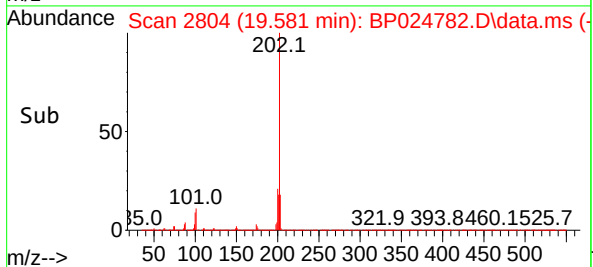
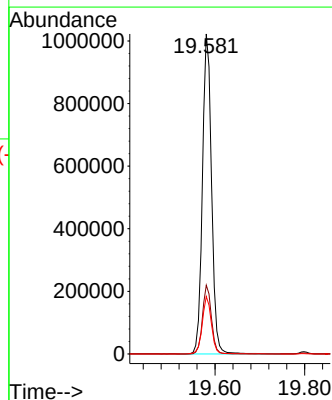
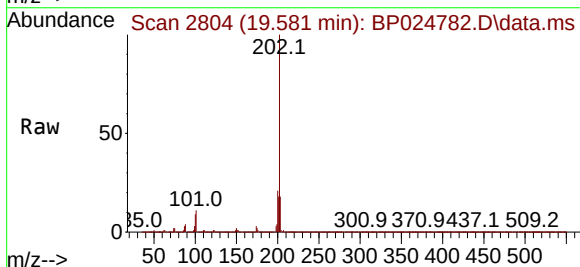
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

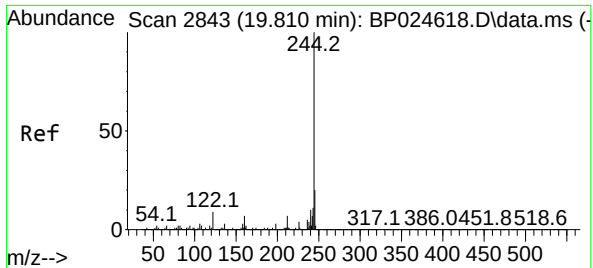
Tgt Ion:184 Resp: 131059
Ion Ratio Lower Upper
184 100
185 14.3 11.2 16.8
183 12.3 9.8 14.8



#78
Pyrene
Concen: 42.909 ng
RT: 19.581 min Scan# 2804
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:202 Resp: 1441947
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 17.9 13.9 20.9

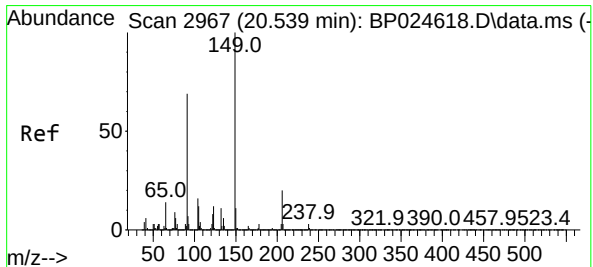
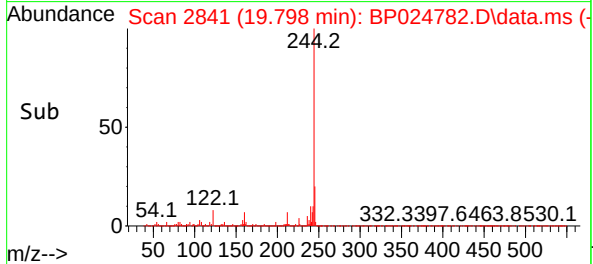
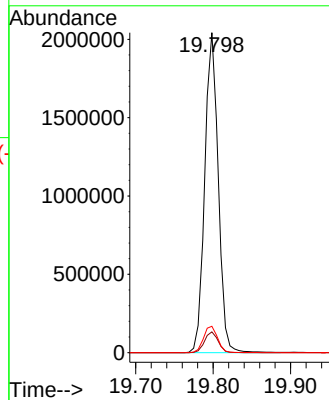
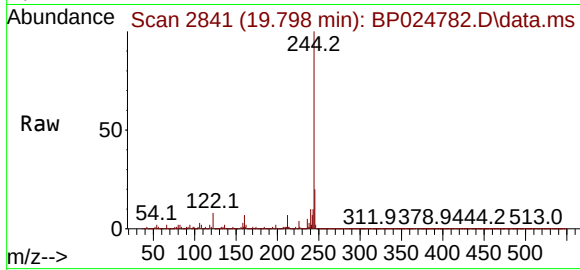




#79
Terphenyl-d14
Concen: 75.532 ng
RT: 19.798 min Scan# 2841
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

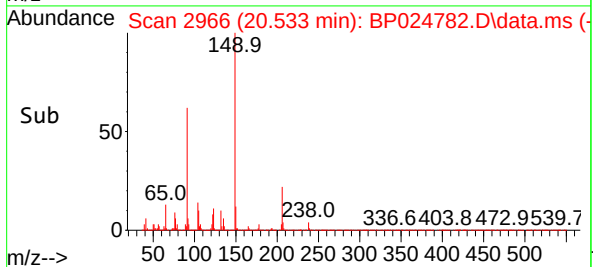
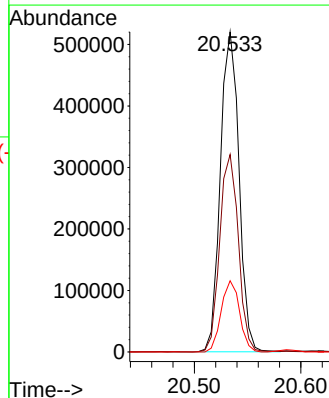
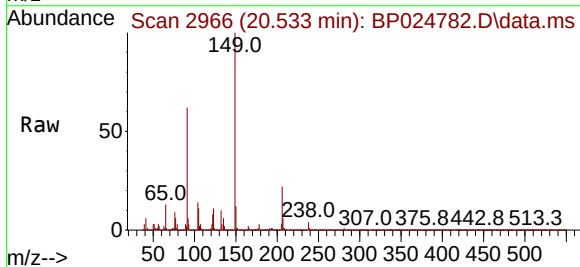
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

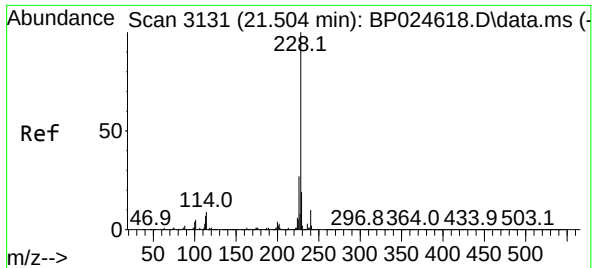
Tgt Ion:244 Resp: 2470525
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 8.3 7.4 11.0



#80
Butylbenzylphthalate
Concen: 42.141 ng
RT: 20.533 min Scan# 2966
Delta R.T. -0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:149 Resp: 629810
Ion Ratio Lower Upper
149 100
91 61.7 55.4 83.0
206 22.3 16.2 24.2

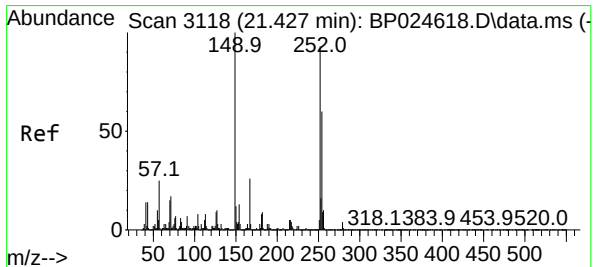
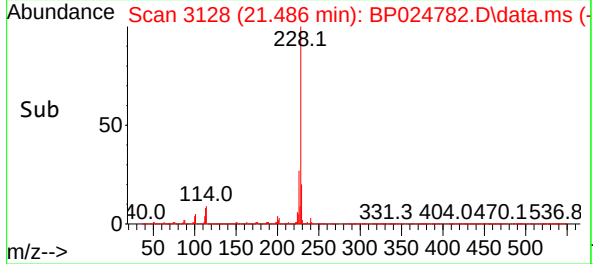
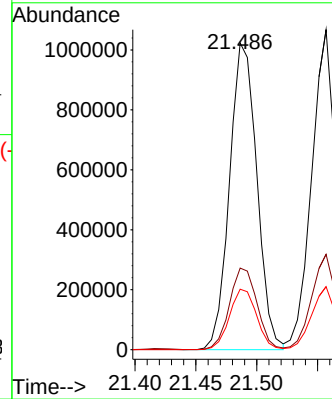
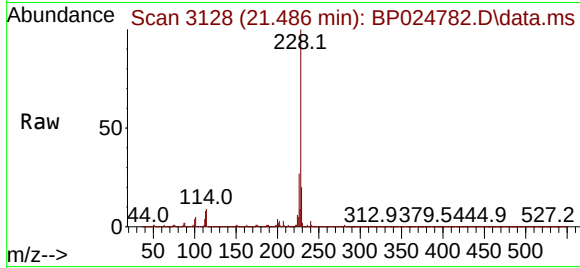




#81
Benzo(a)anthracene
Concen: 45.379 ng
RT: 21.486 min Scan# 3117
Delta R.T. -0.017 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

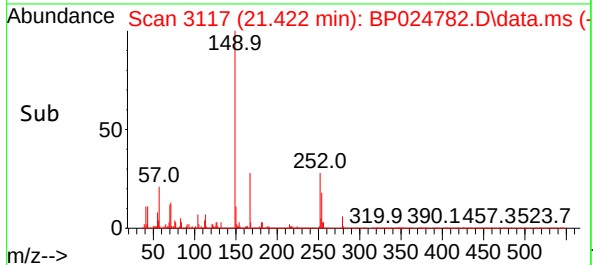
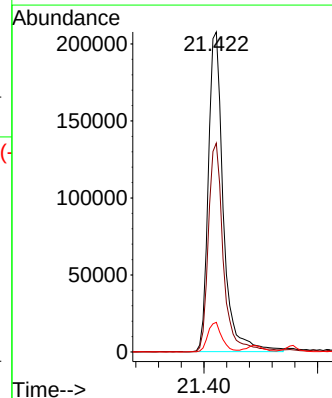
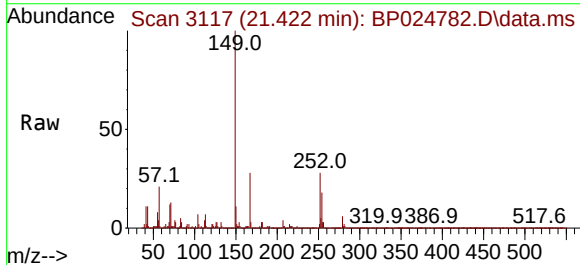
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

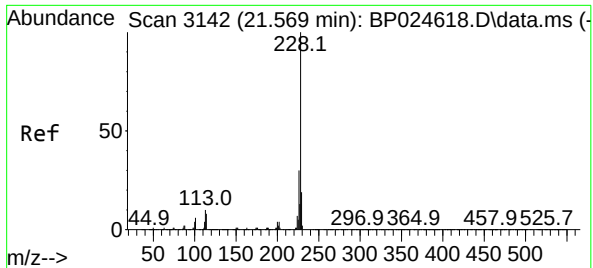
Tgt Ion:228 Resp: 1598091
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.0
229 19.7 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 29.020 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:252 Resp: 379580
Ion Ratio Lower Upper
252 100
254 65.3 51.8 77.6
126 9.2 7.7 11.5

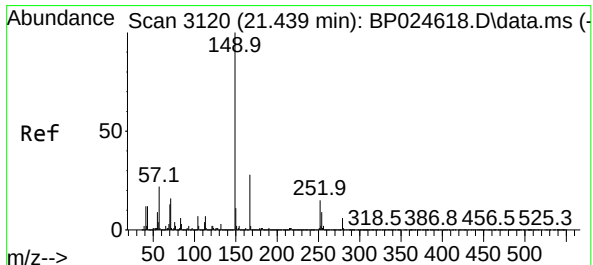
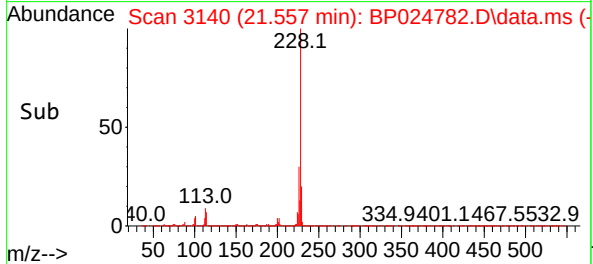
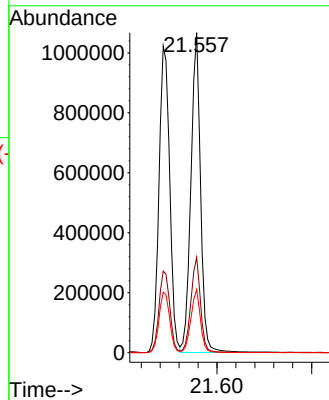
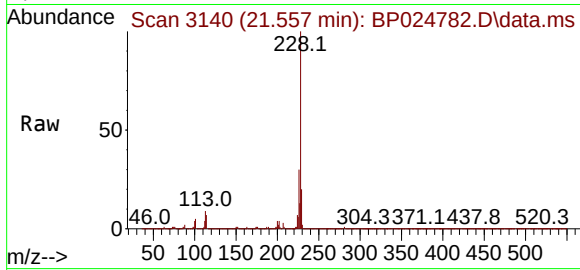




#83
Chrysene
Concen: 45.342 ng
RT: 21.557 min Scan# 3117
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

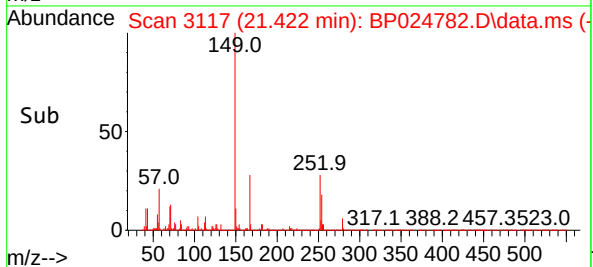
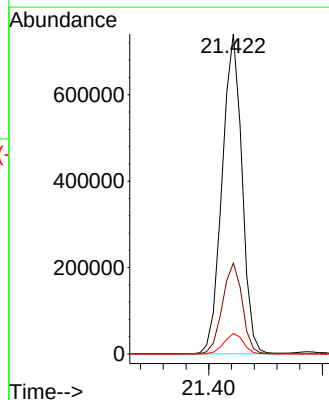
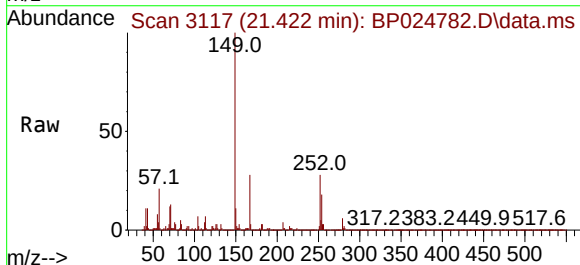
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

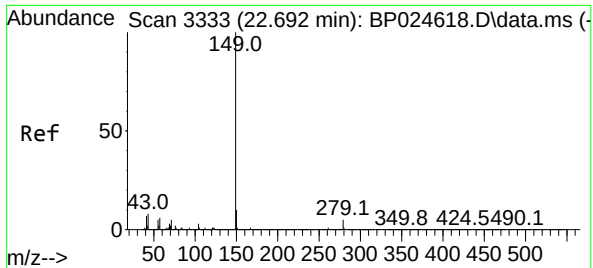
Tgt Ion:228 Resp: 1513693
Ion Ratio Lower Upper
228 100
226 29.8 23.9 35.9
229 19.7 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.964 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.017 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:149 Resp: 899852
Ion Ratio Lower Upper
149 100
167 28.4 22.1 33.1
279 6.4 4.6 6.8

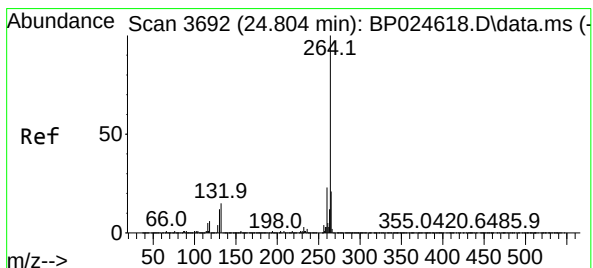
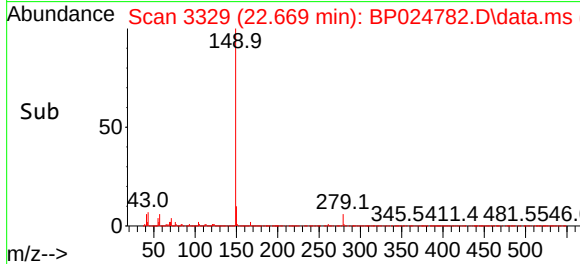
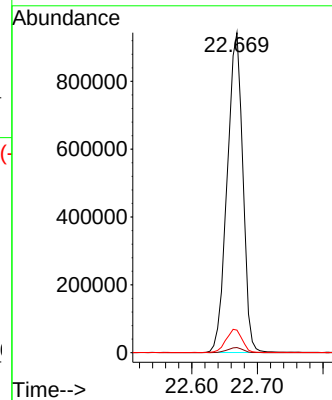
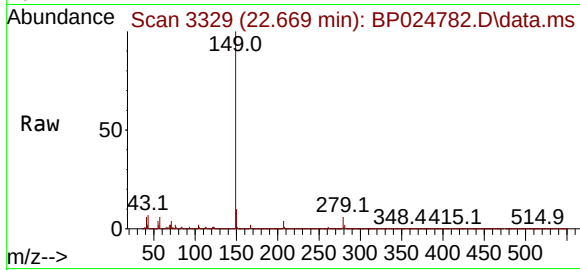




#85
Di-n-octyl phthalate
Concen: 43.354 ng
RT: 22.669 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

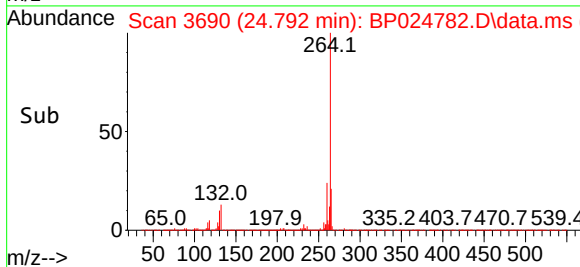
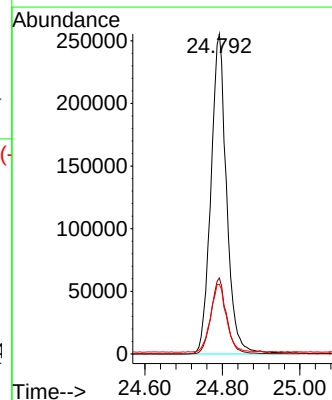
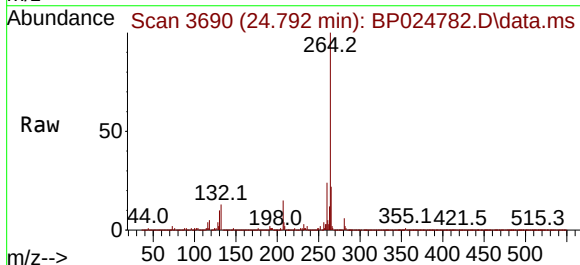
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

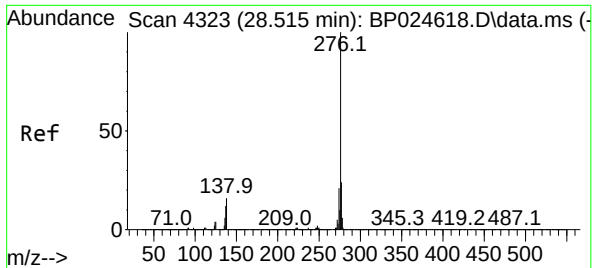
Tgt Ion:149 Resp: 1557363
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 7.5 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.792 min Scan# 3690
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:264 Resp: 715613
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.8 17.0 25.6

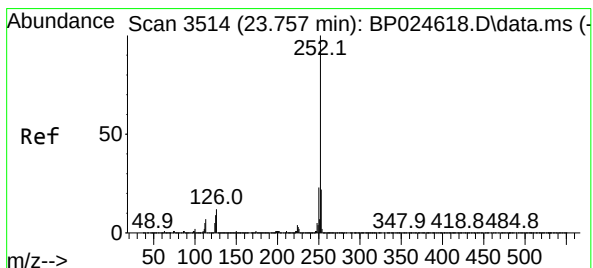
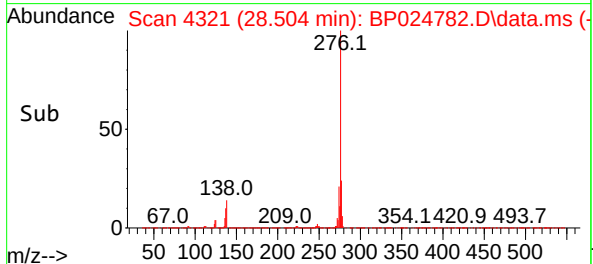
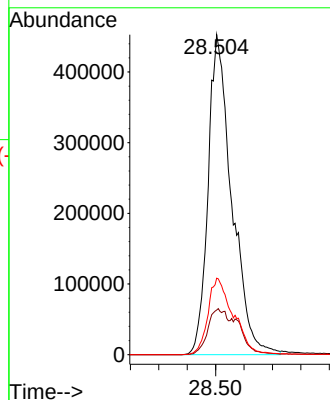
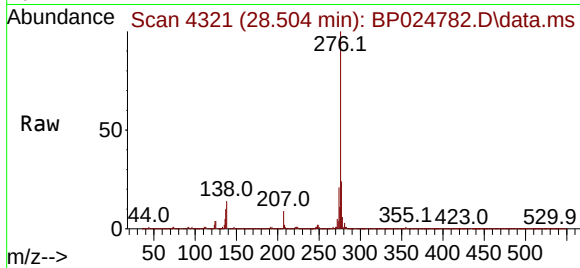




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.290 ng
RT: 28.504 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

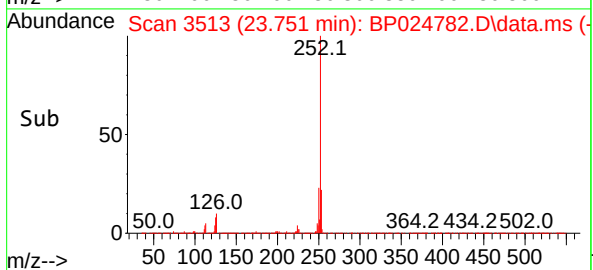
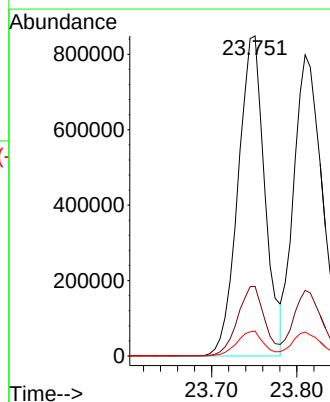
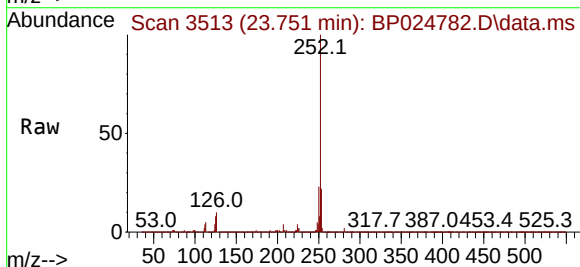
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

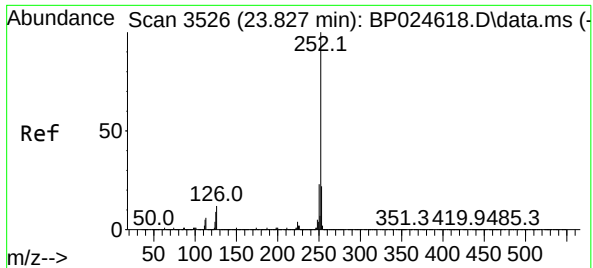
Tgt Ion:276 Resp: 2627318
Ion Ratio Lower Upper
276 100
138 12.0 11.2 16.8
277 25.7 15.7 23.5#



#88
Benzo(b)fluoranthene
Concen: 45.228 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:252 Resp: 1852585
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 7.7 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 44.116 ng

RT: 23.810 min Scan# 3526

Delta R.T. -0.017 min

Lab File: BP024782.D

Acq: 23 May 2025 07:17

Instrument :

BNA_P

ClientSampleId :

OR-640-COMP-66MSD

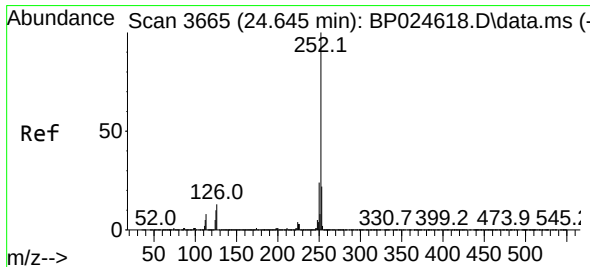
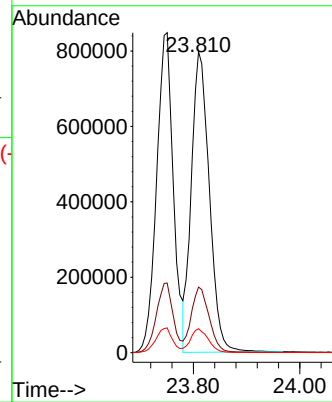
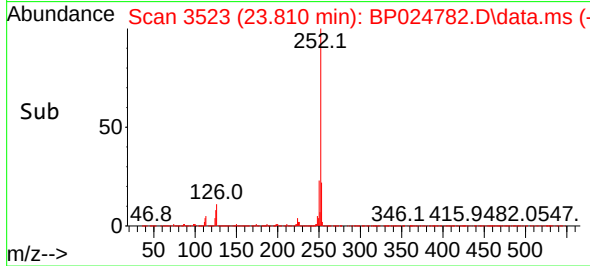
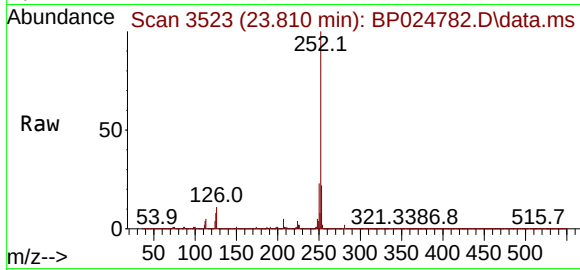
Tgt Ion:252 Resp: 1862012

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 8.0 7.0 10.4



#90

Benzo(a)pyrene

Concen: 45.767 ng

RT: 24.633 min Scan# 3663

Delta R.T. -0.012 min

Lab File: BP024782.D

Acq: 23 May 2025 07:17

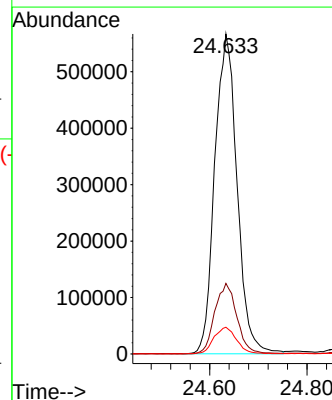
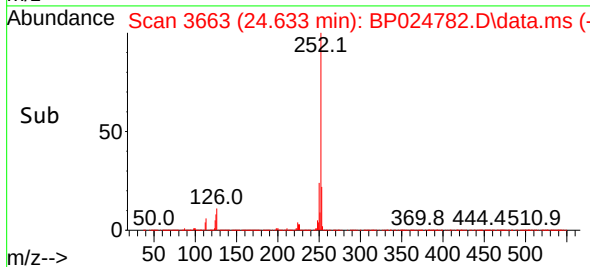
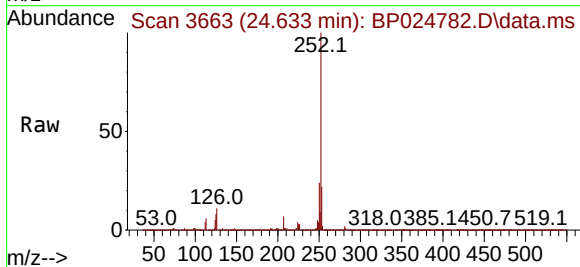
Tgt Ion:252 Resp: 1800453

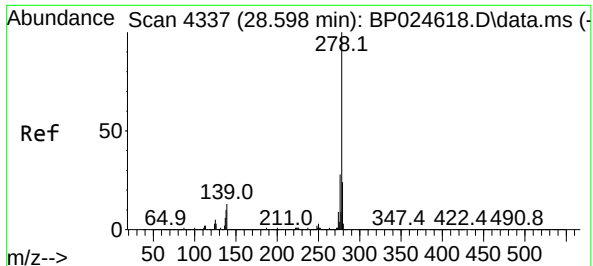
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.3 8.1 12.1

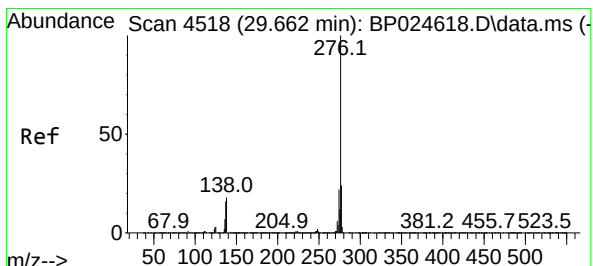
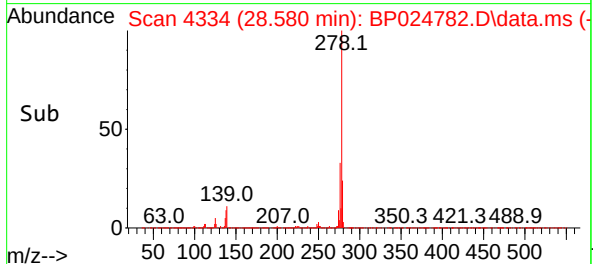
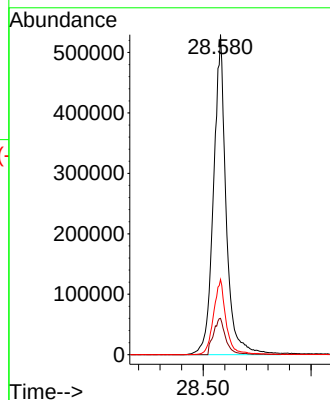
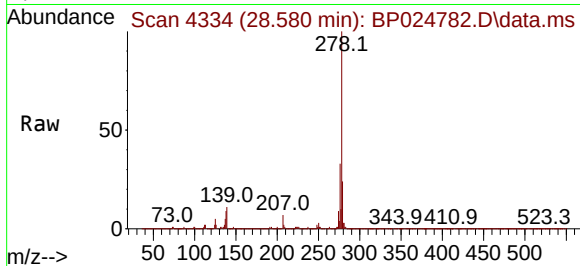




#91
Dibenzo(a,h)anthracene
Concen: 50.613 ng
RT: 28.580 min Scan# 41
Delta R.T. -0.017 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

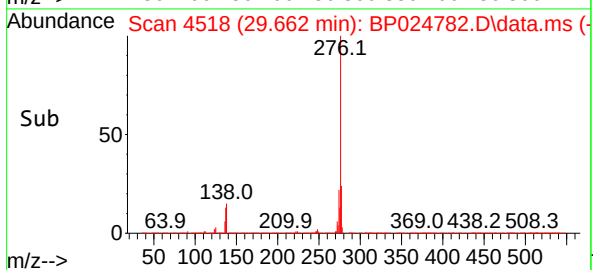
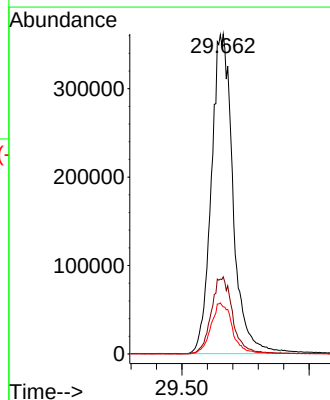
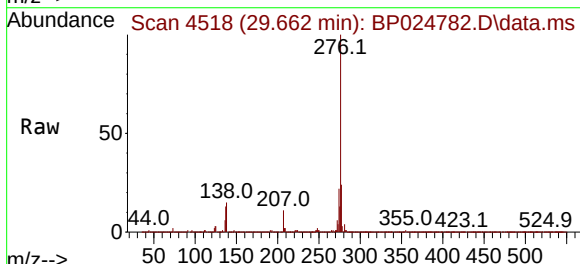
Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MSD

Tgt Ion:278 Resp: 2151150
Ion Ratio Lower Upper
278 100
139 11.3 10.2 15.4
279 23.5 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 50.475 ng
RT: 29.662 min Scan# 4518
Delta R.T. 0.000 min
Lab File: BP024782.D
Acq: 23 May 2025 07:17

Tgt Ion:276 Resp: 2133372
Ion Ratio Lower Upper
276 100
277 24.1 19.0 28.4
138 14.7 14.4 21.6



Manual Integration Report

Sequence:	BP051325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024615.D	4-Nitroaniline	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC005	BP024615.D	Benzaldehyde	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC005	BP024615.D	Caprolactam	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	4-Nitroaniline	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzaldehyde	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzidine	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzoic acid	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Caprolactam	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Pentachlorophenol	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Benzaldehyde	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Benzoic acid	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICCC040	BP024618.D	Benzaldehyde	Rahul	5/14/2025 2:19:48 PM	Jagrut	5/14/2025 5:16:12 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	BP051325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICCC040	BP024618.D	Benzoic acid	Rahul	5/14/2025 2:19:48 PM	Jagrut	5/14/2025 5:16:12 PM	Peak Integrated by Software
SSTDICCC080	BP024621.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:51 PM	Jagrut	5/14/2025 5:16:14 PM	Peak Integrated by Software
SSTDICV040	BP024622.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:57 PM	Jagrut	5/14/2025 5:16:17 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

BP052225

Instrument

BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024753.D	4-Nitroaniline	Rahul	5/23/2025 12:27:12 PM	Jagrut	5/23/2025 5:03:34 PM	Peak Integrated by Software
SSTDCCC040	BP024753.D	Benzoic acid	Rahul	5/23/2025 12:27:12 PM	Jagrut	5/23/2025 5:03:34 PM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

BP052325

Instrument

BNA_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP051325

Review By	Rahul	Review On	5/14/2025 2:20:20 PM		
Supervise By	Jagrut	Supervise On	5/14/2025 5:16:42 PM		
SubDirectory	BP051325	HP Acquire Method	BNA_P	HP Processing Method	bp051325
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791			
CCC		SP6787			
Internal Standard/PEM		S12664,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024613.D	13 May 2025 10:00	RC/JU	Ok
2	SSTDICC2.5	BP024614.D	13 May 2025 10:41	RC/JU	Ok
3	SSTDICC005	BP024615.D	13 May 2025 11:22	RC/JU	Ok,M
4	SSTDICC010	BP024616.D	13 May 2025 12:03	RC/JU	Ok,M
5	SSTDICC020	BP024617.D	13 May 2025 12:43	RC/JU	Ok,M
6	SSTDICCC040	BP024618.D	13 May 2025 13:24	RC/JU	Ok,M
7	SSTDICC050	BP024619.D	13 May 2025 14:05	RC/JU	Ok
8	SSTDICC060	BP024620.D	13 May 2025 14:45	RC/JU	Ok
9	SSTDICC080	BP024621.D	13 May 2025 15:26	RC/JU	Ok,M
10	SSTDICV040	BP024622.D	13 May 2025 17:01	RC/JU	Ok,M
11	PB167917TB	BP024623.D	13 May 2025 18:23	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP052225

Review By	Rahul	Review On	5/23/2025 12:29:01 PM
Supervise By	Jagrut	Supervise On	5/23/2025 5:03:58 PM
SubDirectory	BP052225	HP Acquire Method	BNA_P
		HP Processing Method	BP051325
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791		
CCC	SP6787		
Internal Standard/PEM	S12666,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024752.D	22 May 2025 09:35	RC/JU	Ok
2	SSTDCCC040	BP024753.D	22 May 2025 10:56	RC/JU	Ok,M
3	PB168098BL	BP024754.D	22 May 2025 11:37	RC/JU	Ok
4	PB168098BS	BP024755.D	22 May 2025 12:18	RC/JU	Ok,M
5	PB168098BSD	BP024756.D	22 May 2025 12:58	RC/JU	Ok,M
6	Q2071-20	BP024757.D	22 May 2025 13:39	RC/JU	Ok
7	Q2075-07	BP024758.D	22 May 2025 14:19	RC/JU	Ok
8	Q2093-01	BP024759.D	22 May 2025 15:00	RC/JU	Ok
9	Q2097-07	BP024760.D	22 May 2025 15:41	RC/JU	Ok
10	Q2097-05	BP024761.D	22 May 2025 16:22	RC/JU	Ok
11	Q2097-09	BP024762.D	22 May 2025 17:02	RC/JU	Ok
12	Q2097-11	BP024763.D	22 May 2025 17:43	RC/JU	Ok
13	Q2097-13	BP024764.D	22 May 2025 18:24	RC/JU	Ok
14	Q2097-15	BP024765.D	22 May 2025 19:04	RC/JU	Ok
15	Q2097-01	BP024766.D	22 May 2025 19:45	RC/JU	Ok
16	Q2088-01	BP024767.D	22 May 2025 20:26	RC/JU	Ok
17	Q2093-14	BP024768.D	22 May 2025 21:07	RC/JU	Dilution
18	DFTPP	BP024769.D	22 May 2025 22:28	RC/JU	Ok
19	SSTDCCC040	BP024770.D	22 May 2025 23:09	RC/JU	Ok
20	PB168092TB	BP024771.D	22 May 2025 23:50	RC/JU	Ok
21	Q2078-03	BP024772.D	23 May 2025 00:30	RC/JU	Ok

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP052225

Review By	Rahul	Review On	5/23/2025 12:29:01 PM
Supervise By	Jagrut	Supervise On	5/23/2025 5:03:58 PM
SubDirectory	BP052225	HP Acquire Method	BNA_P
		HP Processing Method	BP051325
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791		
CCC	SP6787		
Internal Standard/PEM	S12666,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2078-07	BP024773.D	23 May 2025 01:11	RC/JU	Ok
23	Q2078-11	BP024774.D	23 May 2025 01:52	RC/JU	Ok
24	Q2078-15	BP024775.D	23 May 2025 02:32	RC/JU	Ok
25	Q2078-19	BP024776.D	23 May 2025 03:13	RC/JU	Ok
26	Q2079-03	BP024777.D	23 May 2025 03:54	RC/JU	Ok
27	Q2079-07	BP024778.D	23 May 2025 04:34	RC/JU	Ok
28	Q2079-11	BP024779.D	23 May 2025 05:15	RC/JU	Ok
29	Q2084-05	BP024780.D	23 May 2025 05:56	RC/JU	Ok
30	Q2084-05MS	BP024781.D	23 May 2025 06:37	RC/JU	Ok
31	Q2084-05MSD	BP024782.D	23 May 2025 07:17	RC/JU	Ok
32	Q2092-02	BP024783.D	23 May 2025 07:58	RC/JU	Ok
33	Q2093-02	BP024784.D	23 May 2025 08:39	RC/JU	Ok
34	Q2097-02	BP024785.D	23 May 2025 09:19	RC/JU	Ok
35	Q2097-04	BP024786.D	23 May 2025 10:00	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP052325

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BP052325	HP Acquire Method	BNA_P	HP Processing Method	BP051325
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791				
CCC	SP6787				
Internal Standard/PEM	S12666,10ul/1000ul sample				
ICV/I.BLK	SP6770				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024787.D	23 May 2025 10:59	RC/JU	Ok
2	SSTDCCC040	BP024788.D	23 May 2025 11:40	RC/JU	Ok,NR
3	PB168131BL	BP024789.D	23 May 2025 12:20	RC/JU	Ok
4	PB168131BS	BP024790.D	23 May 2025 13:01	RC/JU	Ok,NR
5	Q2093-14DL	BP024791.D	23 May 2025 13:45	RC/JU	Ok
6	Q2097-18	BP024792.D	23 May 2025 14:26	RC/JU	Ok
7	Q2097-12	BP024793.D	23 May 2025 15:06	RC/JU	Ok
8	Q2097-16	BP024794.D	23 May 2025 15:47	RC/JU	Ok
9	Q2094-01	BP024795.D	23 May 2025 16:28	RC/JU	Ok
10	Q2094-02	BP024796.D	23 May 2025 17:09	RC/JU	Ok
11	Q2094-03	BP024797.D	23 May 2025 17:49	RC/JU	Ok
12	Q2094-04	BP024798.D	23 May 2025 18:30	RC/JU	Ok
13	Q2094-05	BP024799.D	23 May 2025 19:11	RC/JU	Ok
14	Q2073-01	BP024800.D	23 May 2025 19:51	RC/JU	Ok
15	Q2073-02	BP024801.D	23 May 2025 20:32	RC/JU	Ok,NR
16	Q2101-04	BP024802.D	23 May 2025 21:13	RC/JU	Ok
17	Q2095-08	BP024803.D	23 May 2025 21:54	RC/JU	Ok
18	Q2106-01	BP024804.D	23 May 2025 22:34	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP051325

Review By	Rahul	Review On	5/14/2025 2:20:20 PM		
Supervise By	Jagrut	Supervise On	5/14/2025 5:16:42 PM		
SubDirectory	BP051325	HP Acquire Method	BNA_P	HP Processing Method	bp051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024613.D	13 May 2025 10:00		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024614.D	13 May 2025 10:41		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024615.D	13 May 2025 11:22	Compound#32-54-56-65-77 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024616.D	13 May 2025 12:03		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP024617.D	13 May 2025 12:43		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP024618.D	13 May 2025 13:24	Compound#32-54-56 Kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP024619.D	13 May 2025 14:05		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BP024620.D	13 May 2025 14:45		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP024621.D	13 May 2025 15:26		RC/JU	Ok,M
10	SSTDICV040	ICVBP051325	BP024622.D	13 May 2025 17:01		RC/JU	Ok,M
11	PB167917TB	PB167917TB	BP024623.D	13 May 2025 18:23		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP052225

Review By	Rahul	Review On	5/23/2025 12:29:01 PM
Supervise By	Jagrut	Supervise On	5/23/2025 5:03:58 PM
SubDirectory	BP052225	HP Acquire Method	BNA_P
		HP Processing Method	BP051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024752.D	22 May 2025 09:35		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024753.D	22 May 2025 10:56		RC/JU	Ok,M
3	PB168098BL	PB168098BL	BP024754.D	22 May 2025 11:37		RC/JU	Ok
4	PB168098BS	PB168098BS	BP024755.D	22 May 2025 12:18		RC/JU	Ok,M
5	PB168098BSD	PB168098BSD	BP024756.D	22 May 2025 12:58		RC/JU	Ok,M
6	Q2071-20	L2-WC-6	BP024757.D	22 May 2025 13:39		RC/JU	Ok
7	Q2075-07	FB-05152025	BP024758.D	22 May 2025 14:19		RC/JU	Ok
8	Q2093-01	SOIL-DRUM	BP024759.D	22 May 2025 15:00		RC/JU	Ok
9	Q2097-07	VNJ-244	BP024760.D	22 May 2025 15:41		RC/JU	Ok
10	Q2097-05	RBR251675	BP024761.D	22 May 2025 16:22		RC/JU	Ok
11	Q2097-09	ETGI-290	BP024762.D	22 May 2025 17:02		RC/JU	Ok
12	Q2097-11	RT3419	BP024763.D	22 May 2025 17:43		RC/JU	Ok
13	Q2097-13	RBR251372	BP024764.D	22 May 2025 18:24		RC/JU	Ok
14	Q2097-15	72-12013	BP024765.D	22 May 2025 19:04		RC/JU	Ok
15	Q2097-01	ETGI-357	BP024766.D	22 May 2025 19:45		RC/JU	Ok
16	Q2088-01	252820	BP024767.D	22 May 2025 20:26		RC/JU	Ok
17	Q2093-14	WATER-COMP	BP024768.D	22 May 2025 21:07	Need 5X Dilution	RC/JU	Dilution
18	DFTPP	DFTPP	BP024769.D	22 May 2025 22:28		RC/JU	Ok

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP052225

Review By	Rahul	Review On	5/23/2025 12:29:01 PM		
Supervise By	Jagrut	Supervise On	5/23/2025 5:03:58 PM		
SubDirectory	BP052225	HP Acquire Method	BNA_P	HP Processing Method	BP051325
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791			
CCC		SP6787			
Internal Standard/PEM		S12666,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	SSTDCCC040	SSTDCCC040	BP024770.D	22 May 2025 23:09		RC/JU	Ok
20	PB168092TB	PB168092TB	BP024771.D	22 May 2025 23:50		RC/JU	Ok
21	Q2078-03	WC-A4-04-C	BP024772.D	23 May 2025 00:30		RC/JU	Ok
22	Q2078-07	WC-A4-05-C	BP024773.D	23 May 2025 01:11		RC/JU	Ok
23	Q2078-11	WC-A1-06A-C	BP024774.D	23 May 2025 01:52		RC/JU	Ok
24	Q2078-15	WC-A1-07A-C	BP024775.D	23 May 2025 02:32		RC/JU	Ok
25	Q2078-19	WC-A4-06-C	BP024776.D	23 May 2025 03:13		RC/JU	Ok
26	Q2079-03	WC-A2-01-C	BP024777.D	23 May 2025 03:54		RC/JU	Ok
27	Q2079-07	WC-A2-02-C	BP024778.D	23 May 2025 04:34		RC/JU	Ok
28	Q2079-11	WC-A2-03-C	BP024779.D	23 May 2025 05:15		RC/JU	Ok
29	Q2084-05	OR-640-COMP-66	BP024780.D	23 May 2025 05:56		RC/JU	Ok
30	Q2084-05MS	OR-640-COMP-66MS	BP024781.D	23 May 2025 06:37		RC/JU	Ok
31	Q2084-05MSD	OR-640-COMP-66MSD	BP024782.D	23 May 2025 07:17		RC/JU	Ok
32	Q2092-02	VNJ-202	BP024783.D	23 May 2025 07:58		RC/JU	Ok
33	Q2093-02	SOIL-DRUM	BP024784.D	23 May 2025 08:39		RC/JU	Ok
34	Q2097-02	ETGI-357	BP024785.D	23 May 2025 09:19		RC/JU	Ok
35	Q2097-04	RBR200044	BP024786.D	23 May 2025 10:00		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP052325

Review By	Review On
Supervise By	Supervise On
SubDirectory	BP052325
HP Acquire Method	BNA_P
HP Processing Method	BP051325
STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024787.D	23 May 2025 10:59		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024788.D	23 May 2025 11:40		RC/JU	Ok,NR
3	PB168131BL	PB168131BL	BP024789.D	23 May 2025 12:20		RC/JU	Ok
4	PB168131BS	PB168131BS	BP024790.D	23 May 2025 13:01		RC/JU	Ok,NR
5	Q2093-14DL	WATER-COMPDL	BP024791.D	23 May 2025 13:45		RC/JU	Ok
6	Q2097-18	RT-3888	BP024792.D	23 May 2025 14:26		RC/JU	Ok
7	Q2097-12	RT3419	BP024793.D	23 May 2025 15:06		RC/JU	Ok
8	Q2097-16	72-12013	BP024794.D	23 May 2025 15:47		RC/JU	Ok
9	Q2094-01	COMP-1	BP024795.D	23 May 2025 16:28		RC/JU	Ok
10	Q2094-02	COMP-2	BP024796.D	23 May 2025 17:09		RC/JU	Ok
11	Q2094-03	COMP-3	BP024797.D	23 May 2025 17:49		RC/JU	Ok
12	Q2094-04	COMP-4	BP024798.D	23 May 2025 18:30		RC/JU	Ok
13	Q2094-05	COMP-5	BP024799.D	23 May 2025 19:11		RC/JU	Ok
14	Q2073-01	GDW1	BP024800.D	23 May 2025 19:51		RC/JU	Ok
15	Q2073-02	GDW2	BP024801.D	23 May 2025 20:32		RC/JU	Ok,NR
16	Q2101-04	TP-1-MHE	BP024802.D	23 May 2025 21:13		RC/JU	Ok
17	Q2095-08	WCS-TP2	BP024803.D	23 May 2025 21:54		RC/JU	Ok
18	Q2106-01	TW-WTS-09	BP024804.D	23 May 2025 22:34		RC/JU	Ok

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP052325

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BP052325	HP Acquire Method	BNA_P	HP Processing Method	BP051325
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791				
CCC	SP6787				
Internal Standard/PEM	S12666,10ul/1000ul sample				
ICV/I.BLK	SP6770				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

M : Manual Integration

SOP ID : M1311-TCLP-15

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pipette ID : N/A

Tumbler ID : T-1 / T-2

TCLP Filter ID : 115525

Start Prep Date : 05/20/2025 **Time :** 17:00

End Prep Date : 05/21/2025 **Time :** 09:35

Combination Ratio : 20

ZHE Cleaning Batch : ⁷⁸ ~~N/A~~

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : *SB*

Supervisor By : *12*

Standardized Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112795
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 /T-2 checked,30 rpm. q2095-08 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
05/21/25 12:40	<i>SB</i> <i>1st Room</i>	<i>SOS.</i> <i>RS. 1st</i>
	Preparation Group	Analysis Group <i>1st</i>

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168092TB	LEB092	20	N/A	2000	N/A	N/A	N/A	4.93	1.5	T-2
Q2014-08	MOO-25-0145	01	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q2078-03	WC-A4-04-C	02	100.03	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2078-07	WC-A4-05-C	03	100.02	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2078-11	WC-A1-06A-C	04	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2078-15	WC-A1-07A-C	05	100.02	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2078-19	WC-A4-06-C	06	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2079-03	WC-A2-01-C	07	100.04	2000	N/A	N/A	N/A	11.0	1.5	T-1
Q2079-07	WC-A2-02-C	08	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2079-11	WC-A2-03-C	09	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2084-05	OR-640-COMP-66	10	100.01	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q2092-02	VNJ-202	11	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q2093-02	SOIL-DRUMS	12	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-2
Q2094-06	COMP-1	13	100.02	2000	N/A	N/A	N/A	10.5	1.5	T-2
Q2094-07	COMP-2	14	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-2
Q2094-08	COMP-3	15	100.02	2000	N/A	N/A	N/A	10.5	1.5	T-2
Q2094-09	COMP-4	16	100.03	2000	N/A	N/A	N/A	10.5	1.0	T-2
Q2094-10	COMP-5	17	100.04	2000	N/A	N/A	N/A	10.0	1.5	T-2
Q2095-04	WCS-TP1	18	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-2
Q2095-08	WCS-TP2	19	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168092TB	LEB092	N/A	N/A	N/A	N/A	N/A	N/A
Q2014-08	MOO-25-0145	N/A	N/A	N/A	N/A	100	N/A
Q2078-03	WC-A4-04-C	N/A	N/A	N/A	N/A	100	N/A
Q2078-07	WC-A4-05-C	N/A	N/A	N/A	N/A	100	N/A
Q2078-11	WC-A1-06A-C	N/A	N/A	N/A	N/A	100	N/A
Q2078-15	WC-A1-07A-C	N/A	N/A	N/A	N/A	100	N/A
Q2078-19	WC-A4-06-C	N/A	N/A	N/A	N/A	100	N/A
Q2079-03	WC-A2-01-C	N/A	N/A	N/A	N/A	100	N/A
Q2079-07	WC-A2-02-C	N/A	N/A	N/A	N/A	100	N/A
Q2079-11	WC-A2-03-C	N/A	N/A	N/A	N/A	100	N/A
Q2084-05	OR-640-COMP-66	N/A	N/A	N/A	N/A	100	N/A
Q2092-02	VNJ-202	N/A	N/A	N/A	N/A	100	N/A
Q2093-02	SOIL-DRUMS	N/A	N/A	N/A	N/A	100	N/A
Q2094-06	COMP-1	N/A	N/A	N/A	N/A	100	N/A
Q2094-07	COMP-2	N/A	N/A	N/A	N/A	100	N/A
Q2094-08	COMP-3	N/A	N/A	N/A	N/A	100	N/A
Q2094-09	COMP-4	N/A	N/A	N/A	N/A	100	N/A
Q2094-10	COMP-5	N/A	N/A	N/A	N/A	100	N/A
Q2095-04	WCS-TP1	N/A	N/A	N/A	N/A	100	N/A
Q2095-08	WCS-TP2	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 / WC S-2

 Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB168092TB	LEB092	N/A	N/A	N/A	N/A	#1	4.93
Q2014-08	MOO-25-0145	5.02	96.5	7.0	3.0	#1	4.93
Q2078-03	WC-A4-04-C	5.03	96.5	12.0	4.5	#1	4.93
Q2078-07	WC-A4-05-C	5.02	96.5	12.0	4.5	#1	4.93
Q2078-11	WC-A1-06A-C	5.03	96.5	12.5	4.5	#1	4.93
Q2078-15	WC-A1-07A-C	5.04	96.5	12.5	4.0	#1	4.93
Q2078-19	WC-A4-06-C	5.02	96.5	12.0	4.5	#1	4.93
Q2079-03	WC-A2-01-C	5.03	96.5	12.5	4.5	#1	4.93
Q2079-07	WC-A2-02-C	5.02	96.5	12.0	4.5	#1	4.93
Q2079-11	WC-A2-03-C	5.03	96.5	12.5	4.5	#1	4.93
Q2084-05	OR-640-COMP-66	5.04	96.5	12.0	4.5	#1	4.93
Q2092-02	VNJ-202	5.02	96.5	6.0	2.5	#1	4.93
Q2093-02	SOIL-DRUMS	5.03	96.5	8.4	3.5	#1	4.93
Q2094-06	COMP-1	5.02	96.5	11.0	4.0	#1	4.93
Q2094-07	COMP-2	5.01	96.5	11.5	4.5	#1	4.93
Q2094-08	COMP-3	5.02	96.5	11.0	4.0	#1	4.93
Q2094-09	COMP-4	5.03	96.5	11.0	4.0	#1	4.93
Q2094-10	COMP-5	5.04	96.5	11.5	4.5	#1	4.93
Q2095-04	WCS-TP1	5.02	96.5	7.2	3.0	#1	4.93
Q2095-08	WCS-TP2	5.03	96.5	7.0	3.0	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tolp q2078

WorkList ID : 189636

Department : TCLP Extraction

Date : 05-20-2025 12:30:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2014-08	MOO-25-0145	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/12/2025	1311
Q2078-03	WC-A4-04-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L41	05/13/2025	1311
Q2078-07	WC-A4-05-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L41	05/13/2025	1311
Q2078-11	WC-A1-06A-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L41	05/13/2025	1311
Q2078-15	WC-A1-07A-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L41	05/13/2025	1311
Q2078-19	WC-A4-06-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L41	05/13/2025	1311
Q2079-03	WC-A2-01-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L41	05/14/2025	1311
Q2079-07	WC-A2-02-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L31	05/13/2025	1311
Q2079-11	WC-A2-03-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L31	05/13/2025	1311
Q2084-05	OR-640-COMP-66	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	L31	05/13/2025	1311
Q2092-02	VNJ-202	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/19/2025	1311
Q2093-02	SOIL-DRUMS	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/20/2025	1311
Q2094-06	COMP-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/20/2025	1311
Q2094-07	COMP-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/20/2025	1311
Q2094-08	COMP-3	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/20/2025	1311
Q2094-09	COMP-4	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/20/2025	1311
Q2094-10	COMP-5	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/20/2025	1311
Q2095-04	WCS-TP1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/20/2025	1311
Q2095-08	WCS-TP2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	05/20/2025	1311

Date/Time 05/20/25 16:25

Raw Sample Received by: JP

Raw Sample Relinquished by: JP

Date/Time

05/20/25

Raw Sample Received by: JP

Raw Sample Relinquished by: JP

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Extraction Start Date : 05/22/2025

Matrix : Water

Extraction Start Time : 11:14

Weigh By: N/A

Extraction By: RS

Extraction End Date : 05/22/2025

Balance check: N/A

Filter By: RJ

Extraction End Time : 16:25

Balance ID: N/A

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3880

Hood ID: 4,5,6,7

Supervisor By : RUPESH

Extraction Method: ☒ Separatory Funnel

☐ Continuous 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	SP6782
Surrogate	1.0ML	100/150 PPM	SP6754
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	E3930
Baked Na2SO4	N/A	EP2614
10N NaOH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
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# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID: WATER BATH-1,2

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/22/25	RS (EXT-606)	RE/SVOC
16:30	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 05/22/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168092TB	PB168092TB	TCLP BNA	100	6	RUPESEH	ritesh	1			SEP-1
PB168115TB	PB168115TB	TCLP BNA	100	6	RUPESEH	ritesh	1			2
PB168131BL	PB168131BL	TCLP BNA	1000	6	RUPESEH	ritesh	1			3
PB168131BS	PB168131BS	TCLP BNA	1000	6	RUPESEH	ritesh	1			4
Q2078-03	WC-A4-04-C	TCLP BNA	100	6	RUPESEH	ritesh	1	A		5
Q2078-07	WC-A4-05-C	TCLP BNA	100	6	RUPESEH	ritesh	1	A		6
Q2078-11	WC-A1-06A-C	TCLP BNA	100	6	RUPESEH	ritesh	1	A		7
Q2078-15	WC-A1-07A-C	TCLP BNA	100	6	RUPESEH	ritesh	1	A		8
Q2078-19	WC-A4-06-C	TCLP BNA	100	6	RUPESEH	ritesh	1	A		9
Q2079-03	WC-A2-01-C	TCLP BNA	100	6	RUPESEH	ritesh	1	A		10
Q2079-07	WC-A2-02-C	TCLP BNA	100	6	RUPESEH	ritesh	1	A		11
Q2079-11	WC-A2-03-C	TCLP BNA	100	6	RUPESEH	ritesh	1	A		12
Q2084-05	OR-640-COMP-66	TCLP BNA	100	6	RUPESEH	ritesh	1	A		13
Q2084-05MS	OR-640-COMP-66MS	TCLP BNA	100	6	RUPESEH	ritesh	1	A		14
Q2084-05MS D	OR-640-COMP-66MSD	TCLP BNA	100	6	RUPESEH	ritesh	1	A		15
Q2092-02	VNJ-202	TCLP BNA	100	6	RUPESEH	ritesh	1	A		16
Q2093-02	SOIL-DRUM	TCLP BNA	100	6	RUPESEH	ritesh	1	A		SEP-1
Q2097-02	ETGI-357	TCLP BNA	100	6	RUPESEH	ritesh	1	A		2
Q2097-04	RBR200044	TCLP BNA	100	6	RUPESEH	ritesh	1	A		3
Q2097-06	RBR251675	TCLP BNA	100	6	RUPESEH	ritesh	1	A		4
Q2097-08	VNJ-244	TCLP BNA	100	6	RUPESEH	ritesh	1	A		5
Q2097-10	ETGI-290	TCLP BNA	100	6	RUPESEH	ritesh	1	A		6
Q2097-12	RT3419	TCLP BNA	100	6	RUPESEH	ritesh	1	A		7
Q2097-14	RBR251372	TCLP BNA	100	6	RUPESEH	ritesh	1	A		8
Q2097-16	72-12013	TCLP BNA	100	6	RUPESEH	ritesh	1	A		9
Q2097-18	RT-3888	TCLP BNA	100	6	RUPESEH	ritesh	1	A		10

* Extracts relinquished on the same date as received.

RS/5/22

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168115TB	LEB115	11	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-1
Q2097-02	ETGI-357	01	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2097-04	RBR200044	02	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q2097-06	RBR251675	03	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q2097-08	VNJ-244	04	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q2097-10	ETGI-290	05	100.04	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q2097-12	RT3419	06	100.02	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q2097-14	RBR251372	07	100.01	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q2097-16	72-12013	08	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-1
Q2097-18	RT-3888	09	100.03	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q2101-04	TP-1-MHE	10	100.04	2000	N/A	N/A	N/A	3.0	1.0	T-1

05/22/25
11:00

TCLP EXTRACTION LOGPAGE

PB168092

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168092TB	LEB092	20	N/A	2000	N/A	N/A	N/A	4.93	1.5	T-2
Q2014-08	MOO-25-0145	01	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q2078-03	WC-A4-04-C	02	100.03	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2078-07	WC-A4-05-C	03	100.02	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2078-11	WC-A1-06A-C	04	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2078-15	WC-A1-07A-C	05	100.02	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2078-19	WC-A4-06-C	06	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2079-03	WC-A2-01-C	07	100.04	2000	N/A	N/A	N/A	11.0	1.5	T-1
Q2079-07	WC-A2-02-C	08	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2079-11	WC-A2-03-C	09	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2084-05	OR-640-COMP-66	10	100.01	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q2092-02	VNJ-202	11	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q2093-02	SOIL-DRUMS	12	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-2
Q2094-06	COMP-1	13	100.02	2000	N/A	N/A	N/A	10.5	1.5	T-2
Q2094-07	COMP-2	14	100.03	2000	N/A	N/A	N/A	11.0	1.0	T-2
Q2094-08	COMP-3	15	100.02	2000	N/A	N/A	N/A	10.5	1.5	T-2
Q2094-09	COMP-4	16	100.03	2000	N/A	N/A	N/A	10.5	1.0	T-2
Q2094-10	COMP-5	17	100.04	2000	N/A	N/A	N/A	10.0	1.5	T-2
Q2095-04	WCS-TP1	18	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-2
Q2095-08	WCS-TP2	19	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2

05/21/25
12.10



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q2078

COC Number: 2042113

Page 1 of 2

CLIENT INFORMATION			PROJECT INFORMATION					BILLING INFORMATION																		
COMPANY: ENTACT, LLC			PROJECT NAME: 540 Degraw St Brooklyn, NY					BILL TO: ENTACT, LLC PO# E9309																		
ADDRESS: 150 Bay Street, Suite 806			PROJECT #: E9309 LOCATION: Brooklyn, NY					ADDRESS: 999 Oakmont Plaza Drive, Suite 300																		
CITY: Jersey City STATE: NJ ZIP: 07302			PROJECT MANAGER: Austin Farmerie					CITY: Westmont STATE: IL ZIP: 60559																		
ATTENTION: Austin Farmerie			E-MAIL: afarmerie@entact.com					ATTENTION: Wendy Murray PHONE: 800-936-8228																		
PHONE: 412-716-1366 FAX:			PHONE: 412-716-1366 FAX:																							
DATA TURNAROUND INFORMATION			DATA DELIVERABLE INFORMATION					ANALYSIS																		
FAX: _____ 3 _____ DAYS*			☐ RESEULTS ONLY ☐ USEPA CLP ☐ RESULTS + QC ☐ New York State ASP "B" ☐ New Jersey REDUCED ☐ New York State ASP "A" ☐ New Jersey CLP ☐ Other _____ ☐ EDD Format _____																							
HARD COPY: _____ DAYS*																										
EDD _____ 3 _____ DAYS*																										
* TO BE APPROVED BY ALLIANCE																										
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS																										
CHEMTECH SAMPLE ID			PROJECT SAMPLE IDENTIFICATION			SAMPLE MATRIX		SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles		PRESERVATIVES									COMMENTS			
								COMP GRAB		DATE TIME		# of Bottles		E E E E E E E E E									Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other			
														1 2 3 4 5 6 7 8 9												
1.			WC-A4-04-G			Soil				X		5/13 12:00		1		X										
2.			WC-A4-04-C			Soil		X				5/13 12:00		11		X X X X X X X X X										
3.			WC-A4-05-G			Soil				X		5/13 12:00		1		X										
4.			WC-A4-05-C			Soil		X				5/13 12:00		11		X X X X X X X X X										
5.			WC-A1-06A-G			Soil				X		5/13 12:00		1		X										
6.			WC-A1-06A-C			Soil		X				5/13 12:00		11		X X X X X X X X X										
7.			WC-A1-07A-G			Soil				X		5/13 12:00		1		X										
8.			WC-A1-07A-C			Soil		X				5/13 12:00		11		X X X X X X X X X										
9.			WC-A4-06-G			Soil				X		5/14 12:00		1		X										
10.			WC-A4-06-C			Soil		X				5/14 12:00		11		X X X X X X X X X										
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY																										
RELINQUISHED BY SAMPLER			DATE/TIME		RECEIVED BY		Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.7°C																			
1. Austin Farmerie			5/19 12:00		1. [Signature]		Comments:																			
RELINQUISHED BY			DATE/TIME		RECEIVED BY																					
2.					2.																					
RELINQUISHED BY			DATE/TIME		RECEIVED FOR LAB BY		SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight																			
3. [Signature]			5-19-23		3.		ALLIANCE: ☐ Picked Up ☐ Overnight																			
							Shipment Complete ☐ YES ☐ NO																			

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q2078

COC Number: 2042113

Page 2 of 2

CLIENT INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY Jersey City STATE: NJ ZIP: 07302

ATTENTION: Austin Farmerie

PHONE: 412-716-1366

FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309 LOCATION: Brooklyn, NY

PROJECT MANAGER: Austin Farmerie

E-MAIL: afarmerie@entact.com

PHONE: 412-716-1366

FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

DATA TURNAROUND INFORMATION

FAX: 3 DAYS*
HARD COPY: DAYS*
EDD 3 DAYS*

* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

ANALYSIS

ASTM COD	ASTM Ammonia-Nitrogen	ASTM O&G	ASTM TS	TS, TVS	pH (9045D)	Paint Filter		
10	11	12	13	14	15	16		

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	E	E	E	E	E	E	E			
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	WC-A4-04-G	Soil		X	5/13	12:00	1										<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
2.	WC-A4-04-C	Soil	X		5/13	12:00	11	X	X	X	X	X	X	X			
3.	WC-A4-05-G	Soil		X	5/13	12:00	1										
4.	WC-A4-05-C	Soil	X		5/13	12:00	11	X	X	X	X	X	X	X			
5.	WC-A1-06A-G	Soil		X	5/13	12:00	1										
6.	WC-A1-06A-C	Soil	X		5/13	12:00	11	X	X	X	X	X	X	X			
7.	WC-A1-07A-G	Soil		X	5/13	12:00	1										
8.	WC-A1-07A-C	Soil	X		5/13	12:00	11	X	X	X	X	X	X	X			
9.	WC-A4-06-G	Soil		X	5/14	12:00	1										
10.	WC-A4-06-C	Soil	X		5/14	12:00	11	X	X	X	X	X	X	X			

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER 1. Austin Farmerie	DATE/TIME 5-19-25 1400	RECEIVED BY 1. 5-19-25	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.7°C ☐ Ice in Cooler?: _____
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.	Comments:
RELINQUISHED BY 3.	DATE/TIME 5-19-25 1930	RECEIVED FOR LAB BY 3.	SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight

Page _____ of _____

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488